

# **SRI KRISHNADEVARAYA UNIVERSITY**

**ANANTHAPURAMU – 515 003**



## **SELF-STUDY REPORT**

### **VOLUME – II**

SUBMITTED TO

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
BENGALURU**

DECEMBER 2015

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**Department of Commerce**

1. **Name of the Department** : Commerce
2. **Year of establishment** : 1972
3. **Is the Department part of a School/  
Faculty of the University?** : Yes, Faculty of Commerce and  
Management
4. **Names of programmes offered (UG, PG, M.Phil.,  
Ph.D., Integrated Masters; Integrated Ph.D., D.Sc.,  
D.Litt., etc.)** : M.Com., M.Phil., and Ph.D.,

5. **Interdisciplinary programmes and departments involved:**

Sl. No.	Title of OE Paper offered	No. of Students opted		Department(s)
		2013-14	2014-15	
OE-1	Basics of Financial Accounting	Nil	Nil	--
OE-2	Personal Financial Planning	Nil	Nil	--

6. **Courses in collaboration with other universities,  
industries, foreign institutions, etc.** : Nil
7. **Details of programmes discontinued, if any, with  
reasons** : Nil
8. **Examination System: Annual/Semester/  
Trimester/Choice Based Credit System** : Semester with CBCS
9. **Participation of the department in the courses offered by other departments:**

Sl. No.	Name of the Department	Semester	Title of OE paper	No. of students opted	
				2013-14	2014-15
1	Economics	II	Economic Development of India and Andhra Pradesh	07	30
		III	Economics of Social Sector	07	30
2	English	II	English for Communication	20	14
		III	General English	20	14
3	Rural Development	II	Rural Development Policies & Programmes in India	22	13
		III	NGOs and participatory approaches for Rural Development	22	13
	Political Science	II	Central –state relations in India	06	01
		III	Recent trends in India's Foreign Policy	06	01
4	History	II	Indian National Movement	03	01
		III	Leaders of Modern India	03	01



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (Including CAS &amp; MPS)</i>
Professor	2	1	6
Associate Professor	3	2	0
Asst. Professor	6	4	1
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of years of experience</i>	<i>No. of Ph.D./M.Phil. students guided in the last 5 years</i>
Dr. C.R. Reddy *	M.Com., M.Phil., Ph.D.,	Professor	Banking and Cooperatives	34	05
Dr. H. Lajipathi Rai #	M.Com., Ph.D,	Professor	Foreign Trade and Consumerism	34	06
Dr. B. Phaniswara Raju	M.Com., M.Phil., Ph.D.,	Professor	Finance and Accounting	36	04
Dr. K.V. Ramana Reddy	M.Com., M.Phil., Ph.D.,	Professor	Management Accounting and Cost Accounting	28	06
Dr. B. Sobha Rani	M.Com., Ph.D.,	Professor	Marketing Management and Entrepreneurship Development	26	Nil
Dr. A.V. Ramana	M.Com., M.Phil., Ph.D.,	Professor	Human Resource Management and Organisational Behaviour	26	03
Prof. D. Anjaneyulu	M.Com., M.Phil, Ph.D.,	Professor	Transportation Management, e- Commerce and MIS	26	04
Dr. K. Maddileti	M.Com., M.Phil, Ph.D.,	Assistant Professor	Cost and Management Accounting and Computer applications in Business	05	Nil

\* Retired on 31-05-2013; # on deputation, since May 2013, presently the Vice-Chancellor of Dr. B.R. Ambedkar University, Srikakulam

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No</i>	<i>Name</i>	<i>Institution and Place</i>
1	Prof. C.R. Reddy	UGC Emeritus Professor, Dept. of Commerce, S.K University, Anantapuramu

13. Percentage of classes taken by temporary faculty – programme-wise information: Nil

14. Programme-wise Student Teacher Ratio

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.Com	15 : 1
2011-12	M.Com	15 : 1
2012-13	M.Com	17 : 1
2013-14	M.Com	17 : 1
2014-15	M.Com	17 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

<i>Sl. No</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Junior Assistant	01	01	01
2	Attender	01	01	02

16. Research thrust areas as recognized by major funding agencies

<i>Sl. No.</i>	<i>Research thrust areas</i>	<i>Name(s) of the funding agency</i>
1	Micro, Small and Medium Enterprises [MSMEs]	UGC, ICSSR
2	Entrepreneurship Development	UGC, ICSSR
3	Banking, Micro Finance, Cooperatives and Insurance	UGC, ICSSR, Govt. of AP
4	Transportation Management	UGC, ICSSR
5	Foreign Trade and Consumerism	UGC, Govt. of AP
6	Finance ,Accounting and Security Markets	UGC, ICSSR
7	Marketing Management and Human Resource Management	UGC, ICSSR

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1	Prof. C.R. Reddy	Rural Resource Management through Entrepreneurship – A study in drought – prone Rayalaseema Region	UGC	2009-11	5.67

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2	Prof. K.V. Ramana Reddy	Credit Management in SAPAP Self-Help Groups: A study in three backward districts in Andhra Pradesh	UGC	2009-11	6.39
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18. Inter-institutional collaborative projects and associated grants received : Nil  
a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : Nil
20. Research facility / centre with : Nil  
  - state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by/created by industry or corporate bodies : Nil
22. Publications: (Details vide Annexure -I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	04	07	02	05	10
a)	National	02	07	02	03	03
b)	International	02			02	07
2	Monographs					
3	Chapters in Books					
4	Edited Books				01	
5	Text/ Reference books					
6	Number listed in International Database					
7	Citation Index - range / average					
8	Impact Factor - range / average					
9	h-index					

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in  
National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees (as member)	International Committees	Editorial Boards (give the name of the journal)	Period
1	Prof. C.R. Reddy	Companies Secretaries of India			2011 to till date

		Chartered Accountants of India, Delhi			2010-14
		Cost Accountants of India, Culcutta			2010-14
2	Prof. B. Phaniswara raju	-	-	Manjeera Journal for Research in Social Sciences	2014

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs) : Nil

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects :  
100% (Project work is a part of curriculum in the fourth semester of the M.Com course and hence, all students are involved in in-house project work.)
- Percentage of students doing projects in collaboration with other universities/ industry / institute : Nil

29. Awards / recognitions received at the national and international level by : Nil

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any : Nil

31. Code of ethics for research followed by the departments :

Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:

- Avoiding duplicity in the selection of research problem :  
In order to avoid duplicity in the selection of research problem the candidate is directed to present the research problem before the research committee of the Department for finalise the committee also suggests modifications in the methodology and other aspects in the two stipulated seminars i.e., one is before submission of synopsis and another is before submission of thesis.
- Ensuring the acknowledgement of the sources including websites in the references,  
Acknowledge the source: as a part of report writing, every candidate is directed to strictly advise to the norms of quoting reference and obtain pervasive from the another who have worked in the same areas and whose works are being quoted, the supervisions issue certificates to the institutions from which data is being collected stating that data will be used only for the research purpose and not for publications.
- Obtaining permission from authors to use the information
- Avoiding plagiarism
- Use of data collected from the respondents strictly for research purposes only

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Com					
2010-11	1756	34	21	100	100
2011-12	1982	37	18	100	100
2012-13	2010	38	23	100	100
2013-14	2460	36	24	100	100
2014-15	2600	35	25	100	100
M. Phil. (2011)	82	7	5	100	100
Ph.D.(2011)	150	29	6	100	100

**33. Diversity of Students**

Name of the Programme [refer to question No.4]	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
M.Com				
2010-11	90	10	Nil	Nil
2011-12	95	05	Nil	Nil
2012-13	95	05	Nil	Nil
2013-14	90	10	Nil	Nil
2014-15	90	10	Nil	Nil
M.Phil.	98	2	Nil	Nil
Ph.D.	98	2	Nil	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1	2010-11	Nil	Nil	Nil	Nil	09	Nil
2	2011-12	02	01	Nil	Nil	15	Nil
3	2012-13	02	02	Nil	Nil	06	Nil
4	2013-14	01	09	Nil	Nil	Nil	Nil
5	2014-15	02	Nil	Nil	Nil	Nil	Nil

**35. Student progression**

Students progression	Percentage against enrolled
PG to M.Phil	5%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	2%
Employed	
• Campus selection	5%
• Other than campus recruitment	40%
Entrepreneurs	10%

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	58%
From other universities within the State	42%
From universities in other states	-
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library : No
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 02
- d) Class rooms with ICT facility : 02
- e) Students' laboratories : 01 (Computer lab)
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates: (Annexure II)

- a. from the host institution/University : 29 + 6 PDF
- b. from other institutions/universities : 18

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1	2010-11	Nil	20	29	02	51
2	2011-12	Nil	20	27	01	49
3	2012-13	Nil	20	30	01	51
4	2013-14	Nil	20	28	02	50
5	2014-15	Nil	20	30	01	50

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Not Applicable

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching- learning-evaluation? If yes, how does the department utilize the feedback? :  
The course structure, title of the papers and the syllabi are being thoroughly discussed and updated by both internal and external board members meeting from time-to-time.

- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** :

At end of each semester, the students are asked to give their feedback (rating) on the staff, curriculum and teaching methodology. Based on the ratings by the students, the teachers are updating their teaching techniques and changing the curriculum.

- c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?** :

The department involves the alumni Chartered Accountants, ICWAs and seeks their expertise at the time of introduction of new courses and framing of syllabus.

43. **List the distinguished alumni of the department (maximum 6) :**

<i>Sl. No</i>	<i>Name</i>	<i>Position held</i>	<i>Organisation</i>
1	Prof. P.Kallu Rao	Faculty in Finance	A'Sharqiyah University, IBRA, Oman
2	Prof. K.Gangappa	Professor	School of Management, Botswana
3	Prof. B. Ramesh	Dean	Faculty of Commerce, Goa University, Goa
4	B. Ramanjaneyulu, IAS	Secretary	Dept. of Panchayat Raj and Rural Development, Govt. AP, HYD
5	Ram Sankar Naik, IAS	Commissioner	Dept. of Fisheries, Govt. of A.P, HYD
6	R. Narayana Reddy	Chief General Manager	Southern Power Distribution Company of Telangana Ltd., Hyderabad
7	Y. Govinda Reddy	Magistrate	Criminal Court, Nampally, Hyderabad
8	Dr. T.S. Rasool	Deputy Registrar (Finance)	The English & Foreign Languages University, Hyderabad
9	Dr. V. Ramadevi	Associate Professor	Sikkim University, Gangtok,

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

<i>Sl. No</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1	2010-11	Dr. D. Harichandra Rama, Chartered Accountant (CA)	Invited talk on central budget (2010-11)
2	2011-12	Sri. Harilal Naik, Asst. Commissioner of Income Tax (Hyd Zone) (alumni)	Invited talk on tax planning
3	2012-13	Dr. P. Kallurao, Middle Level Manager, Stock Holding Corporation, Mumbai (Alumni)	Invited talk on emerging trends in Indian Capital Market

4	2013-14	Mr. Raghavendra, Chartered Accountant (alumni )	Invited talk on the job potential for Commerce students
5	2014-15	Dr. D. Harichandra Rama, Chartered Accountant (CA)	Invited talk on central budget (2014-15)

45. List the teaching methods adopted by the faculty for different programmes. :
1. Power Point Presentation (ppt)
  2. Interactive Sessions
  3. Seminars
  4. Case study analysis
  5. Educational and Industrial tours
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
- Through seminars, informal interactions with students and impact assessment through entrepreneurs and Chartered Accountants and ICWAs.
47. Highlight the participation of students and faculty in extension activities.

Sl. No	Year	Name of faculty involved	Type of activity
1	2011	Prof. A.V. Ramana	Acted as a Resource Person for Personality Development for Govt. Employees at District Training Centre, Anantapuramu
2	2012	Prof. A.V. Ramana	Acted as a Resource Person for Personality Development for Senior Branch Managers, Anantapuramu
3	2014	Prof. D.Anjaneyulu	Led NSS students to participation Leadership Training programme and also Flood Relief camp at Rajahmundry
4	2015	Prof. B. Phaniswara Raju	Address on “Chartered Accountancy-Emerging Challenges” in the seminar organised by the Chartered Accountants, Anantapuramu

Besides, students are encouraged to participate in NSS activities, Blood donation camps, Consumer Awareness programmes in and around Anantapur town.

48. Give details of “beyond syllabus scholarly activities” of the department:
- A. Crash course on Accounting and Finance
  - B. Coaching on UGC NET and AP SET exams for SC/ST, BC and Minority students
  - C. Awareness on Consumer Protection Act, 1986 and settlement of cases.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Prof. A.V.Ramana has brought out an edited book on commerce at Intermediate level.



51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- 1) The Department has the legacy of Eminent Professors in terms of work culture
- 2) All the Teaching faculty are experienced and have Ph.D degrees in different functional areas like Finance, Accounting, Marketing, HRM.
- 3) All the faculty are provided Internet facility in their respective chambers
- 4) Almost all the faculty are actively involved in University administrative positions and rendering their expertise for smooth and effective functioning of the University.
- 5) All the faculty have the proactive culture adoptable and willingness to change syllabus to suit the industry requirements from time-to-time.

**Weaknesses**

- 1) Inadequate accommodation to introduce job oriented and certificate courses.
- 2) Inadequate Computer Lab and inadequate development Grants from the Government.
- 3) Inadequate Finance and Resources to take the students to visit the industries and to reduce the gap between theory and practice.
- 4) Lack of Departmental Library.

**Opportunities**

- 1) There is a wider scope for introduction of job oriented courses as the demand for Commerce Graduates have been increasing year by year
- 2) There is a wide range job opportunities in the sectors like Banking, Insurance, Telecom Sector, Board of Electricity, Software, Outsourcing, capital IQ etc.
- 3) There is a wide scope for producing entrepreneurs especially in Micro, Small and Medium Industrial Sector.

**Challenges**

- 1) To train the students to catch/ cope up with ever changing business environment
- 2) To make aware the students the opportunities where they can get in after completing the course
- 3) To direct the attention and habituate the students from the conventional methods and type of learning to the modern type of learning like role plays, question method, case studies, etc.
- 4) To inculcate the habit of attending online test and raise the confidence level of the students
- 5) To improve the overall personality of the students and their attitude to quickly realise and adjust on par with their counterparts pursuing courses in reputed institutions

52. **Future plans of the department :**

- 1) New Course: BOS decided to start M.Com (Finance & Accounting) course on Self-Funding basis under CBCS mode from the academic year 2016-17.
- 2) Invite and include professionals like CAs, ICWAs, and Industrialists as members in the Board of Studies and have MoUs with their guidance & support for making the course more practical and jobs oriented
- 3) Introduce two papers on MOOCs mode in the II and III semesters.
- 4) Planning to undertake micro-level studies along with inter disciplinary research in collaboration with industrial professionals

- 5) Undertake society and industrial linkage training programmes like entrepreneurship development, consumer awareness camps and offer crash courses in the domain areas of Commerce like Finance and Accounting and arranging campus interviews in consultation with industry for the benefit of Commerce students.
- 6) Planning to organise Commerce Meet involving the students of the Department and conduct competitions among the students of affiliated colleges to spread the importance of Commerce Education and expose them to the changing business world.

**ANNEXURE I: Details of Publications**

**Prof. C.R. Reddy**

1. Micro-Finance: An Approach for Poverty Alleviation, Southern Economist, Vol.49, No. 10, September 15, 2010. (ISSN 0038-4046)
2. CRM: A New Dimension for Success of Insurance Industry, International Journal of Engineering and Management, Vol. 1(1) September 2010. (ISSN 0048-6046)
3. Application of Z-score Analysis in Evaluating the Financial Health of Pharmaceutical Companies: A Case study, International Journal of Research in Commerce and Management, vol. 2, Issue No. 5, May 2011. (ISSN 09762183)
4. Microfinance Development Strategy for India, Dynamics of Global Recession Economic and Corporate for Survival and Growth (eds) Akshai Aggarwar and P.G. K. Murthy, New Delhi: Excel India Publishers, 2012 (ISSN: 978-93-81361-78-8)
5. Tourism Management in Global Prospective, Dynamics of Global recession Economics and Coportate of Survival and Growth (eds) Akshai Aggarwal and P.G.K. Murthy, New Delhi: Excel India Publishers, 2012 (ISSN: 978-93-81361-78-8).
6. Management Model: A Framework of Evaluation of Alternative mergers in the Wake of Down-Turn, Indian Journal of Finance, Vol.6, No.1, January 2012.
7. Catastrophe: An Assessment of Disaster Losses, South Asian Journal of Marketing & Management Research, VOL.2, No.1, January 2012 (ISSN: 2249-877X)
8. Reforms of Commercial Banks in India: A Critical Analysis of NPAs, WIM Journal of Management, Vol.3, No.2, January 2012, (ISSN : 0975-5063)
9. Knowledge Management: Issues and Challenges, Warangal Institute of Management, VOL.3, Issue 1, July 2012. (ISSN- 0975-5063)
10. Ethics in Modern Education System: An Introspective Analysis, ETHOS Vol.6, No. 2, July-December 2013.
11. Export Performance of India: Some Emerging Issues, The Management Researcher, Bi-Annual Journal of Hyderabad Business School, Vol.1, Issue No.1, January-June, 2014, pp.1-10.

**Prof. B. Phaniswara Raju**

1. Analysis of Liquidity and Profitability in Textile Industry in India “ International Journal of Commerce, IT and Management Vol-3, issue no 12,pg. 35-42 December 2013.
2. Impact of Financial Derivatives on Stock Market Volatility in India A Study of Futures in India – In seminar of Dept of Commerce SV University Tirupati Dec 22-23 -2012 “ Risk and Insurance Mgt Challenges.
3. Impact of Amalgamation on Productivity of RRBs in India “southern Economist February 1, 2011
4. Impact of Restructuring thorough Amalgamation on the performance of RRBs “published In the look Reviewing Business Trends in the post – Recessionary Economy-Excel India publishers may 2011

**Prof. K.V. Ramana Reddy**

1. Repayment Rates in SAPAP Self-Help groups- A Study of Kalva village, Kurnool District. Edited Edition: Micro Finance- Evaluating Empowerment, Danial Lazar, P. Nataraju, Malatrika rao (Pondicherry University), Vijaya Nicole Imprints (Publishers) Pvt. Ltd. Chennai-2010.
2. Entrepreneurship Development in Software Industry, Institute of Management Education of Research, Belgam, vol. VIII, No.2, July, 2011.
3. Economic Development particularly agriculture-Comparative analysis of two political Regimes- CBN Vs YSR, Kadalika, Monthly magazine, vol.24, Issue 6, April-2014.
4. Investment Decision Making on finance in AP-An Analysis, Golden Research Thoughts, International Multidisciplinary Research Journal, vol.4, Issue-11, May, 2015.

**Prof. B. Sobha Rani**

1. Domestic Violence in Anantapurmau- A cse study, International Journal of M ulti disciplinary Advanced Research Trends (IJMART), Vol.1, Issue 2, September 2014.
2. Educational Attainment of Rural Women in Anantapuramu ( A Micro survey on Rural Women in Itukalapalli), International Journal of Academic Research (IJAR), 2013

**Prof. A.V. Ramana**

1. Edited a Text Bok on Commerce for Board of Intermediate Education, Govt. of A.P. in 2013-14

**Prof. D.Anjaneyulu**

1. Role of SHG Bank Linkage Programme for Economic Empowerment of Women in Anathapur District, Human Rights International Journal, Vol. No. 2, Issue 1, March 2014, pp. 67-75.

**Dr. K. Maddileti**

1. An Empirical Study on Performance of Burn lime Industry in Kurnool District of Rayalaseema Region, International Journal of Business and Administration Research Review, Vol. No. 2, Issue 7, Oct-Dec 2014, pp. 115-120.
2. Problems of Burn lime Industry in Kurnool District - An Empirical Study, International Journal of Management and Social Science Research Review, Vol. No. 1, Issue 4, Oct 2014, pp. 180-184.
3. Globalisation and its Impact on Human Resource Development, Glimpses of Management Challenges, SSB Publishers, behind Sri Satya Sai Super Speciality Hospital, Beedupalli Road, Puttaparthi, Ananthapur District, Oct 2014, pp. 266-267.
4. Foreign Direct Investment (FDI) Equity Inflows in India, Foreign Direct Investment in India : Issues and Challenges, Manjeera Publish House, govt. Degree College, zaheerabad, Dec 2014, pp 107- 113.
5. An Empirical Study on Performance of Burn lime Industry in Kurnool District of Rayalaseema Region, International Journal of Business and Administration Research Review, Vol. No. 2, Issue 7, Oct-Dec 2014, pp. 115-120.
6. Economic empowerment of Women through self Help Groups with Special Reference to Obulavarri palli Mandal, International Journal of Business and Administration Research Review, Vol. No.1, Issue 9, Jan-Mar 2015, pp. 131-136. (Impact Factor. 0.314)

**Annexure II:**

List of doctoral, post-doctoral students and  
Research Associates In the Dept (2011-15)

Sl. No	Name of the Scholar	Full Time/ Part Time	Date of Admission
1	S. Akkulappa	Full Time	28-03-2011
2	G. Mamatha	Full Time	28-03-2011
3	B.Sekhar	Full Time	27-07-2011
4	D. Pullaiah	Full Time	09-05-2011
5	M. Ameer Shakdhar	Full Time	28-03-2011
6	B. Arun Kumar	Full Time	28-03-2011
7	S. Chandra Mohan	Full Time	28-03-2011
8	C. Gayathri	Full Time	09-05-2011
9	Y. Jayalakshmi	Full Time	28-03-2011
10	G. Suresh Babu	Full Time	28-03-2011
11	B. Areef Basha	Full Time	28-03-2011
12	P. Parthasarathi	Full Time	07-04-2011

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13	R.T. Ravi Babu	Full Time	30-03-2011
14	B. Anitha Devi	Full Time	09-05-2011
15	M. Siva Prasad Babu	Full Time	28-03-2011
16	M. Amareswara Reddy	Full Time	28-03-2011
17	B.G. Lakshmi	Full Time	28-03-2011
18	P. Venkateswarlu	Full Time	31-03-2011
19	K. Srinivasulu	Full Time	31-03-2011
20	G. Nagajyothi	Full Time	28-03-2011
21	P.S. Bhavya	Full Time	28-03-2011
22	M. Sathyanarayana	Full Time	31-03-2011
23	G. Prasad	Full Time	28-03-2011
24	S. Sanjanna	Full Time	28-03-2011
25	G. Murali Krishna	Full Time	09-05-2011
26	K. Lakshminarayana	Full Time	28-03-2011
27	B. Bapuji	Full Time	06-04-2011
28	A.Lakshmikanthamma	Full Time	09-05-2011
29	S. Surendranath	Full Time	28-03-2011
30	K. Swaminath	Part Time	28-03-2011
31	S. Mahewari	Part Time	28-03-2011
32	H.A. Raghavendra	Part Time	28-03-2011
33	K. Gurumohan	Part Time	28-03-2011
34	G. Chandrasekhar	Part Time	28-03-2011
35	T. Amzad Khan	Part Time	28-03-2011
36	R. Sreeramulu	Part Time	28-03-2011
37	G. Sekhar	Part Time	29-03-2011
38	K. Janardhanudu	Part Time	28-03-2011
39	M. Venkataswamy	Part Time	27-07-2011
40	N. Abdul Althaf	Part Time	28-03-2011
41	K. Vasantha	Part Time	28-03-2011
42	R. Ramadurga Shirisha	Part Time	28-03-2011
43	G. Daleppa	Part Time	04-08-2011
44	B. Krishnaiah	Part Time	28-03-2011
45	R. Srinivasulu	Part Time	28-03-2011
46	G. Mahaboob Basha	Part Time	28-03-2011
47	D. Srinivasulu	Part Time	28-03-2011
<b>Post-doctoral Fellows</b>			
1	S. Balaji Naik	UGC	
2	K. Rajasekhar	UGC	
3	E. Kamalakara	ICSSR	
4	K. jayalakshmi	ICSSR	
5	P. Viswanath	ICSSR	
6	Y. Nagendra Reddy	ICSSR	

**Sri Krishnadevaraya Institute of Management**

1. Name of the Department : **Sri Krishnadevaraya Institute of Management**
2. Year of establishment : **1981**
3. Is the Department part of a School/Faculty of the University? : **University**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **MBA, MBA (Finance) and Ph.D**
5. Interdisciplinary programmes and departments involved: **Engineering College, SKU.**

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	BUSINESS ORGANISATION AND MANAGEMENT	Nil	Nil	Nil
OE-2	CREATIVITY AND INNOVATION IN MANAGEMENT	Nil	Nil	Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
7. Details of programmes discontinued, if any, with reasons : **MBA (HRM) due to non-approval by AICTE**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : **Semester with CBCS**
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1	English	R. K Narayana The Guide	48	07
2	Economics	Economics of Social Sector	20	01
3	Rural Development	1.NGO and participatory Approaches for Rural Development 2. Rural Development Programmes in India	15	25
04	History	Leaders of Modern India	12	02
05	Library Science	Information Technology applications	--	01
	Political Science	Recent Trend's in India's Foreign Policy	15	55

**10 Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	03	0	09
Associate Professor	06	05	-
Asst. Professor	09	07	03
Others	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<i>Sl. No.</i>	<i>Name</i>	<i>Qualifications</i>	<i>Designation</i>	<i>Specialization</i>	<i>Years of Experience</i>	<i>No. of Ph.D/M.Phil students guided for the last 5 Years</i>
01.	Dr. L. Venugopal Reddy (#)	M.Com., Ph.D	Professor	Human Resource Management	33	01
	Dr. Ch. Rama Prasada Rao (#)	MBA, Ph.D	Professor	Finance	32	08
01.	Dr. M. Hampanna	M.Com, MBA, M.Phil, Ph.D	Professor	Marketing and Finance	36	07
	Dr. K. Rama Krishna Reddy (#)	M.A., Ph.D	Professor	Economics	33	05
02.	Dr. M. Mutyalu Naidu	MBA, Ph.D	Professor	Finance and Management Accounting	30	04
03.	Dr. C.N. Krishna Naik	MBA, FDP (IIM A), Ph.D	Professor	Marketing & HR	25	12
04.	Dr. B. Krishna Reddy	M.Com, Ph.D	Professor	Finance	25	02
05.	Dr. P. Prem chand Babu	M.Sc., M.Ed, Ph.D FDP (IIM A)	Professor	Human Resource Management	25	04
06.	Dr. K. Venugopala Rao	MBA, Ph.D	Professor	Marketing	25	05
07.	Dr. P. Murali Krishna	MBA, Ph.D, FDP (IIMA)	Professor	HRM, QM, KM, SCM	25	M.Phil - 01; Ph.D - 05
08.	Dr. B. Anitha	MBA, Ph.D	Professor	HRM, KM, QM	25	3
09.	Dr. B.R. Megharaj	MBA, Ph.D	Professor	Marketing & Systems	25	05
10.	Dr. D. Prabhakar	MBA, Ph.D	Asst. Professor	Finance	11	01
11.	Dr.Ch. Krishnudu	M.Com, MBA, Ph.D	Asst. Professor	Finance	13	01 (M.Phil)

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12.	Dr. V. Sailaja	MBA, Ph.D	Asst. Professor	HRM & Marketing	09	-
# Prof. L. Venugopal Reddy retired on 2010 # Dr. Ch. Rama Prasada Rao (#) retired on 2013 # Dr. K. Rama Krishna Reddy retired on 2012						

**12 List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. Viswanatham	Dept. of Commerce and Management, Andhra University, Visakhapatnam.
2.	Dr. D. Harischandra Rama	Chartered Accountant, Anantapuramu
3.	Dr. Venugopal Reddy	Chartered Accountant, Anantapuramu.
4.	Dr. VVLN Sastry,	Country Head, First Learning, India (P) Ltd, Mumbai.
5.	Sri . P. Sheshanjaneyulu	MD, Yessess Annodising Industries, Pvt, Ltd, Anantapuramu.
6.	Mr. Vasantha Rao	Vice President (HR), Ultra Tech Cements, Gujarat.
7.	Mr. Shika Chopra	Goldman Sachs, Jercy City, USA
8.	Mr. Malleswara Rao	CEO, NEOL, Pharma, Hyderabad

**13 Percentage of classes taken by temporary faculty – programme-wise information : Nil**

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	MBA and MBA (Finance)	10:1
2011-12	MBA and MBA (Finance)	10:1
2012-13	MBA and MBA (Finance)	10:1
2013-14	MBA and MBA (Finance)	10:1
2014-15	MBA and MBA (Finance)	10:1

**15 Number of academic support staff (technical) and administrative staff:  
sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Assistant Registrar	01	01	-
2.	Superintendent	02	01	01
3.	Sr. Asst.	02	-	-
4.	Stenographer	01	-	-
5.	Jr. Library Assistant	01	01	01
6.	Attenders	01	01	01



- 16 Research thrust areas as recognized by major funding agencies UGC-SAP :
1. Risk Management
  2. Knowledge Management
- 17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1.	Prof. M. Hampanna	Retail in Bangalore and Hyderabad	UGC	2008-2010 (September)	2.10

- 18 Inter-institutional collaborative projects and associated grants received
- a) National collaboration
  - b) International collaboration
- Nil**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	UGC - SAP	UGC	2008-2013	25.0

20. Research facility / centre with
- state recognition
  - national recognition
  - international recognition
- Nil**
- 21 Special research laboratories sponsored by / created by industry or corporate bodies : **Nil**
- 22 Publications : (List enclosed in Annexure-1)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals					
a)	National	06	12	15	14	15
b)	International	04			4	11
2.	Monographs	--	--	--	--	--
3.	Chapters in Books		4	3	2	
4.	Edited Books		4		2	
5.	Text/ Reference books	3	1	1		
6.	Number listed in International Database					
7.	Citation Index - range / average					
8.	Impact Factor - range / average					
9.	h-index					

- 23 Details of patents and income generated : Nil
- 24 Areas of consultancy and income generated : Nil
- 25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil
- 26 Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No	Faculty Member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. C.N. Krishna Naik:	UGC & UPSC	-	-	2014 – 2015
2.	Prof. B. Krishna Reddy	AICTE & NCTE	-	-	2014-2015
3.	Prof. P. Premchand Babu	AICTE	-	-	2014 – 2015
4.	Prof. K. Venugopala Rao	AICTE	-	Editorial Boards	2014 – 2015
5.	Prof. P. Murali Krishna	UGC; UPSC Member of Editorial Board	-	“SANKALP” Jol. of Management and Research (ISSN 2231 – 1904) Gujarat.	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	Dr. Ch. Krishnudu	Orientation at Moulana Azad National Urdu University, Hyderabad	14/05/2015 to 10/06/2015
2.	Dr. V. Sailaja	Orientation at Moulana Azad National Urdu University, Hyderabad	14/05/2015 to 10/06/2015

- 28 Student projects
- Percentage of students who have done in-house projects including inter-departmental projects: 100%
  - Percentage of students doing projects in collaboration with other universities / industry / institute : Nil
- 29 Awards/ recognitions received at the national and international level by
- Faculty
  - Doctoral / post doctoral fellows
  - Students

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
01	Prof. C.N. Krishna Naik	State Award for Teachers	Govt of A.P.	2012
02	Prof. P. Premchand Babu	Best Teacher	Gerrman Sponsored	2014
03.	Mr. B. Srinivas (Student)	Best Student	Gerrman Sponsored	2014

30 **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any : Nil**

31 **Code of ethics for research followed by the departments**

Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:

- Avoding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoding plagiarism
- Use of data collected from the respondents strictly for research purposse only

32 **Student profile programme-wise:**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications Received</i>	<i>Selected</i>		<i>Pass percentage</i>	
		<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
UG/PG programme	Through state level ICET				
2010-11		43	24	100	100
2011-12		42	28	100	100
2012-13		40	27	100	100
2013-14		57	23	100	100
2014-15		49	24	100	100
M. Phil.		-	-	-	-
Ph.D.		56	20	100	100

33 **Diversity of students**

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
UG/ PG programme				
2010-11	85	15	--	--
2011-12	85	15	--	--
2012-13	85	15	--	--

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2013-14	85	15	--	--
2014-15	85	15	--	--
M.Phil.	-	-	-	-
Ph.D.	60	40	--	--

- 34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	-	-
2.	2011-12	-	-	-	-	-	-
3.	2012-13	01	-	-	-	-	-
4.	2013-14	01	02	-	-	02	-
5.	2014-15	01	01	-	-	02	Bank -02

- 35 Student progression

Student progression	Percentage against enrolled
UG to PG	Not applicable
PG to M.Phil.	-
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	10
Employed	20%
➤ Campus selection	
➤ Other than campus recruitment	35%

- 36 Diversity of staff

Percentage of faculty who are graduates	
Of the same University	58%
From other universities within the State	42%
From universities in other states	-
From universities outside the country	-

- 37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

- 38 Present details of departmental infrastructural facilities with regard to

- a) Library: 4777 Journals: 270, Hand books: 87, Dictionaries: 27, Encyclopaedias: 142, B. volumes: 124, or books: 125
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 05
- d) Class rooms with ICT facility : 04
- e) Students' laboratories : Computer Lab with latest Facilities
- f) Research laboratories : Communication Lab

39. List of doctoral, post-doctoral students and Research Associates:
- from the host institution/University : 63
  - from other institutions/universities : 1
  - Research Associates : Nil
40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	10	15	18	02	35
2.	2011-12	09	14	19	03	36
3.	2012-13	10	16	18	04	38
4.	2013-14	12	20	20	05	45
5.	2014-15	10	22	20	05	45

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : Not applicable
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
“New syllabus under revision through BoS meetings on a regular basis”
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
“The feedback taken through IQAC on teacher performance is used to improveteaching of the concerned staff members. Besides, the Department has an Internal Council for the students who are in need of extra classes”
  - Alumni and employers on the programmes offered and how does the department utilize the feedback?  
“Opening chapters in various metro Universities by enrolling alumni to assist students. Involving Alumni to give facilitate to develop industry friendly syllabi”.
43. List the distinguished alumni of the department (maximum 10)
- Smt. Rita Thakkar, IAS, TN (1986-1988)  
Smt. Usha Reddy, JTC, Hyderabad. (1984-86)  
M. Ramasri, DTC, Govt. of AP. (1988-90)  
Mr. Ravi Prakash, Mahindra & Mahindra company. (1990 – 1992)  
Smt. Pushpa, Dy Chief Accounts Officer, APSRTC. (1990 – 1992)  
Sri. A. Vijaya Kumar, Vice President, Credit Risk, UOB Bank, Singapore. (1998-2000)  
Sri. P. Chandra Sekhar, Business Solution Manager, Global Operations – Lending, Misys ple, Bangalore.  
Dr. V.V.L.N. Sastry, Director and Country Head, First call India Investment Banking, Mumbai.  
Jagdish Boddapati, Head –ERP, Spidersoft Solutions Inc. Texas USA  
Mr. Ramath Puvvada, CEO, INR Gobla, Mumbai

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. : Nil
45. List the teaching methods adopted by the faculty for different programmes.  
1. Lecture; 2. Case Studies; 3. Seminars; 4. Exploratory discussions;  
5. Quizzes etc.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
"Students got placements in MNCs" by written test, group discussion and Interview
47. Highlight the participation of students and faculty in extension activities.  
"Industrial Visits; Seminars; Workshops; Case Discussions etc., during 2010-15"
48. Give details of "beyond syllabus scholarly activities" of the department.  
"Conduct of special programmes on Management thinkers and practioners"
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.  
"Careers 360 - B School Almanac - 2015 by IBS awarded to SKIM in the grade of 'AA+'
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
"Conducted Self Exploration - identification of Self training programs to MBA students "
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths**

1. Exclusive integrated campus including hostel and staff quarters, and good infrastructural facilities in terms of library, computer lab and seminar halls
2. Highly competent and experienced faculty.
3. High academic and industrial project research.
4. Effective teaching pedagogy
5. Industrial Consultancy and training.

#### **Weaknesses**

1. Lack of state-of-the-art computer laboratory.
2. Insufficient hostel accommodation for men students and no hostel facility for women students.
3. No logistic facilities for industrial visits and for industry interface.
4. Low industry interaction due to location disadvantages.
5. Poor facilities for case study, case writing and analysis development.

#### **Opportunities**

1. Proximity to silicon valley of India (Bangalore)
2. Growing industrial markets for young management students.
3. Opportunity for SKIM to become major hub for growing educational institutions around.
4. Growing rural markets attracting talented young management students.

**Challenges**

1. Global competition in management education and employment.
  2. Exodus of students in search of excellence in management education.
  3. Emergence of private, deemed, and global universities and institutions
  4. Competition from highly equipped techno-universities.
  5. Improvement of infrastructural facilities to accommodate additional students and faculty.
52. **Future plans of the department.**  
MoU with a foreign University  
Exchange Programme for MBA

**Annexure-1: List of Publications by the faculty**

**1. Prof. M. Hampanna:**

1. Dr. M. Hampanna and Mr. P. Chakradhar – '*A study on the quality of Health care services in Andhra Pradesh*' – J. M. International Publishers, ISBN 978-81-925487-9-1
2. Dr. M. Hampanna and Mr. P. Chakradhar – '*The effectiveness of satisfying customer needs to achieve strategic quality in Health care services*' – Himalaya Publications – ISBN
3. Dr. M. Hampanna and Mr. P. Chakradhar – '*Formulate Innovative CRM strategy to take proactive measures towards customer – centric business in public hospitals to improve customer satisfaction*' – Paramount Publishing house – ISBN 978-93-82163-21-3
4. Dr. M. Hampanna and Mrs. Jayaprada – '*Social Responsibility in TATA*'; accepted for publication in AMBER Journal of Management – (v). '*Entrepreneurship Development*' National Seminar at Ramaiah College, Bangalore on 27<sup>th</sup> and 28<sup>th</sup> May, 2010. – '*Women and Men Entrepreneurs – A comparison and Problems and programme for Women Entrepreneurs in India*' - Excel Books with ISBN; 978- 81-744-868-0 ;
5. '*Business Perspectives in Rural Marketing and Management, National Seminar at Ramaiah College, Bangalore on 'Venture capital for sustaining Rural India' on 24<sup>th</sup> and 25<sup>th</sup> November 2011. 'Venture capital for Sustaining development in Rural India' – Excel Books with ISBN; 978 – 93 – 5062 – 007 – 6.*
6. *Performance evaluation of ethical mutual funds – a study on Islamic principles – relevance to Indian Mutual funds on 26<sup>th</sup> April 2014. Glimpses of Management Challenges with ISBN 978-163041955-4.*

**2. Prof. M. Mutyalu Naidu : 03**

Number of papers published in peer reviewed journals (national / international)

**3. Prof. C.N. Krishna Naik: National – 09, International: 04**

**4. Prof. P. Premchand Babu – National – 10, International – 02**

**5. Prof. K. Venugopala Rao : 40, ISBN : 978, 93 – 5142 – 599, Product and Brand Management, Himalaya Publishing House)**

**6. Prof. P. Murali Krishna:**

1. "*Additional / Alternative Benchmarks for evaluating Corporate Governance in India*", IOSR Journal of Economics and Finance, e-ISSN: 2321-5933, p-ISSN: 2321-5925, PP 44-59, www.iosrjournals.org.
2. "*Entrepreneurial Success: A Study on the Perceptions of Women Entrepreneurs in Andhra Pradesh*", The Journal of Entrepreneurship and Management, New Delhi, Vol. 2, issue 3 October 2013, pp 19 – 27, ISSN 2277-6850.
3. "*Human Resource Performance Management System – HR Core Competence (An empirical study of a select Pharma company in Hyderabad)*", The Journal of Management and Co-operation, National Institute of Co-operative Management, Gandhinagar, Gujrat, Vol. X, No. 1, January – March, 2013, pp 16-21, ISSN No. 2249 – 2275.
4. "*Role played by 360 degree Performance Appraisal in Global Era*", Indian Journal of Management, Vol. 1, No. 2, (April – September) 2012, pp 129 – 132, ISSN 22773304.



5. *"Entrepreneurial Climate in Establishing And Managing The Business By Women Entrepreneurs of Different Financial Status"*, Prabandhan: Indian Journal of Management, New Delhi, Vol 4, No. 10, October 2011, ISSN 0975-2854.
6. *"Customer Satisfaction-A Sustainable Competitive Advantage in Modern Retail World"*, Journal of Social and Economic Policy (bi-annual), Serials Publications, New Delhi, Vol.8 No.2, 2011, Pages: 263-269, ISSN: 0973-3426.
7. *"Attitudes of Women Entrepreneurs belonging to different Financial Status toward Support Agencies in Andhra Pradesh"*, IPE Journal of Management, Hyderabad, Vol. 1, No. 2, July - December 2011, ISSN 2249 - 9040.

**International:**

1. *"Occupational Stress in Entrepreneurship - Stress, Strain and Coping Strategies Among Women Entrepreneurs"*, Global Journal of Business Management, Delhi, Vol. 3, No. 2, December 2009, ISSN: 0973-8533.
2. *"Status of Provisions of the Factories Act, 1948 - A Study at Penna Cement Industries Limited (PCIL), Tadipatri"*, in IOSR (International Organisation of Scientific Research) Journal of Business and Management, Vol. 16, Issue 3, March 2014.
3. *"Talent Management in Management Education (A Study with reference to Universities and Management Institutes located in Rayalaseema Region of Andhra Pradesh)"*, International Journal of Functional Management, SSM Educational and Research Foundation, Salem, Tamil Nadu, India, Vol. 2, Issue 2, April 2014, ISSN 2319-1406, pp 164-168.
4. *"Study of Employee Welfare in Merchant Ships employing Indian Seafarers (A case study on Awareness, Implementation & Satisfaction levels of NUSI's TCC Agreement for Indian Ratings & Petty Officers 2012-2013-2014)"*, Journal of Business Management and Social Science Research, Blue Ocean Research Journals,(online journal), Vol. 3, No 3, 2014, pp 72-87, ISSN 2319 - 5614.
5. *"Adoption of Modern Management Practices - The Changing Face of Retail"*, International Journal of Emerging Research in Management & Technology (on-line journal), Jaunpur, Uttar Pradesh, India, Vol.3, issue 6, June 2014, ISSN:2278-9359, PP 1-5.

**Prof. B. Anitha:**

1. Technical Communication, CENGAGE Learning, New Delhi, 2013
2. Strategic Marketing, Akansha Publishing House, New Delhi, 2013
3. Business Communication, CENGAGE Learning, New Delhi, 2012
4. Persuasion of leadership in Retaining the employees, Authored by E.Jalaja & B.Anitha, 'Innovative Management Strategies', Edited by D. Pradeep Kumar & N. Gangi Setty, Paramount Publishing House, New Delhi, 2012 pp 152 to 154.
5. Role of Knowledge Management in Higher Education, Authored by B. Anitha & Varalakshmi, 'Innovative Management Strategies', Edited by D. Pradeep Kumar & N. Gangi Setty, Paramount Publishing House, New Delhi, 2012 pp 451 to 453.
6. Attrition - A Root Cause Analysis, Authored by E. Jalaja & B.Anitha 'Management Practices in the Global Perspective', Edited by Y.

Subbarayudu, Paramount Publishing House, New Delhi, 2012 pp 127 to 134.

7. Women Employee's Work and Life-Striking the Right Balance, Authored by E. Jalaja & B. Anitha, Management Practices in the Global Perspective, Edited by Y. Subbarayudu, Paramount Publishing House, New Delhi, 2012 pp.151 to 157.
8. Influence of employee empowerment in organizations, Authored by D. Varalakshmi, B. Anitha kumar & G.Sarika, Innovative Practices In Management, Edited by K.S. Ramakrishna, Pathap B.N & Suchitra, Himalaya Publishing House, Mumbai, 2012 pp. 185 to 191

**7. Dr. Ch. Krishnudu:**

1. Savings pattern and investment preference of Individual Households, Page No. 9-21 (June, 2009) – Portfolio Organizer – ISSN – 0972-5113.
2. Investment behaviour of rural Investors Page No. 1281-1294 (December, 2009). (Finance India ISSN 0970-3772)
3. Risk assessment of investment Avenues Page No. 39-45 (July, 2007). (Treasury Management ISSN 0972-513x)
4. Effectiveness of T&D programs – A case study of Canara Bank employees in Kurnool District. Page No. 149-162 (April, 2012). (Zenith International Journal ISSN: 2231-5780).
5. Paradigm shift in Insurance sector in India. Page No. 03-07 (October, 2005). (Indian Economic Panorama Reference Journal).
6. Life Insurance – A study perceptions of Rural Policy Holders Page No. 224-236 (January, 2008) (Business Analyst Reference Journal).

**8. Dr. V. Sailaja:**

1. Development of Women Entrepreneurship as corporate social responsibility initiative Page No. 96. – SAJMMAR, SAARJ, 2249 – 877x, Vol. 2, issue 5, May, 2012.
2. Women in Corporate Leadership; An Indian Perspective, Pg: 18 –Research Employer, IRJM, ISSN2, 250-1940, April, 2013 issue 10 Volume II.
3. Employer Branding; A New Paradigm in HR Page No. 27. – IJCC, Vol. 2, Issue 1, Sep, 13, ISSN: 2319 – 958 x.
4. Talent Management in Management Education – IJFM, Vol. 2 issue 1, 2319-1406, April, 2014.
5. Monographs : Nil
- Chapters in Books:

**1. P. Murali Krishna:**

1. "Human Resource Practices in Indian Cement Industry – A Comparative Study", in the edited book 'Contemporary Issues in Management' by Ch. Rama Prasada Rao *et.al.*, published by the Associated Publishers, Ambala, India, 2014, pp 203 – 217, ISBN 978 – 81 – 8429 – 107 – 0.
2. "A HR Challenge of Implementing Fayol's Principles in Producers Co-operatives", in the book "Issues and Opportunities in Producer's Co-operatives' edited by S. Teki, N. Udaya Bhaskar and P. Uma Maheswari Devi, published by the Department of Management Studies, Adikavi

Nannaya University, Rajahmundry, 2014, pp 107 – 110, ISBN 978-93-5156-307-5.

3. “A Study on the Entrepreneurial Climate in Establishing and Managing the Business by Women Entrepreneurs Belonging to Rural and Urban Regions in Andhra Pradesh”, in the book ‘Handbook of Finance and Business Management’ edited by Dr. Mani Arora Malik, Prof. Pradeep Narwal and Prof. Manju Singh, Bharati Publications, New Delhi, 2012, pp 498 – 505, ISBN 978-93-81212-28-8.

**Dr. Ch. Krishnuadu:**

1. Rural Insurance Marketing page No. 163-167 (January, 2014)- Paramount Publishers ; 978-93-82163-66-4. (ii). Consumer satisfaction towards life Insurance – A comparative analysis of ICICI Prudential life Insurance Page No. 241 (2014). – Associated Publishing House.

**Dr. V.Sailaja:**

1. Human Resource Management Practices in Indian Cement Industry – A comparative study page No. 188. – Contemporary issues in Management Associate Publishers, Ambala City, 2013.
  2. Innovation Through Knowledge Management in Management Education, Page No. 27-32, 2012. – Innovation through Knowledge Management in Management Education, Himalaya Publishing House.
  3. The performance Management system – A HR core competency – The Indian Journal of Management and Co-Operation Vol. X. ISSN. 2249-2275, Jan – March, 2013.
  4. Breaking the Glass ceiling; Initiatives in Indian Industry, page No. 86. – Recent Trends in Business Management Tourism, Vol I, 30<sup>th</sup>, April, 2014.
- Edited Books:

**Prof. P. Premchand Babu**

1. Succession Planning and its impact on ROI in Software Organizations Dr. A.H. Masthan Ali and Prof. P. Premchand Babu. Page No. 60-63.
2. Competition in Non-carbonated Lemonade drinks, B. Shafivulla And Prof. P. Premchand Babu., Page No.154-157.
3. Effectiveness of Human Relations Practices in Engineering Industry – A Study with reference to Chennai – Dr. V. Hemanth Kumar and Prof.P. Premchand Babu., Page No. 249-252.
4. Role of Knowledge Management in Higher Education – Mr. V. Vijay Kumar and Prof. P. Premchand Babu., page No. 323 – 325, ISBN 978 – 163041955-4,

**Dr. Ch. Krishnuadu –**

1. Investment Behaviour and Risk Management (2009): Global Research Publications ISBN No. 81-89630 – 13-x Books with ISBN with details of publishers (give details of title and year of publication)

**Prof. C.N. Krishna Naik: (04)**

1. Quality of Work life – Discovery publishing House, New Delhi ISBN. 81-8411-028-6).

2. Service Quality in Retailing Theory and practice – Lap Lambert, academic publishing Germany, 2012, ISBN (Electronic edition No. 978-3-659-26487-0)
3. Organization Culture, Knowledge Management and Net work embeddedness theoretical concepts and empirical analysis - Lap Lambert, academic publishing Germany, 2012, ISBN (Electronic edition No. 978-3-659-12729-8).
4. Impact of HRD climate for organizational effectiveness – Vanmathi Publishers, Tamilnadu, ISBN ; 978-81-920808-5-7).

**Prof. P. Murali Krishna :**

1. Research Methodology, Student Helpline Publishing House, Hyderabad, 2010, ISBN 978-81-909982-0-8

## Department of English & Comparative Literature

1. **Name of the Department** : **English & Comparative Literature**
2. **Year of establishment** : **1967**
3. **Is the Department part of a School/Faculty of the University?** :  
**Yes, Faculty of Languages and Literature**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
**M.A. English**  
**M.Phil & Ph.D. in English**
5. **Interdisciplinary programmes and departments involved**

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	II Semester: English for Communication	106	067	Applied Economics Commerce Economics History Rural Development Sociology M.Li.Sc. MSW MBA MBA Finance Public Administration Political Science
OE-2	III Semester: General English	106	067	Applied Economics Commerce Economics History Rural Development Sociology M.Li.Sc. MSW MBA MBA Finance Public Administration Political Science

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**  
**NIL**
7. **Details of programmes discontinued, if any, with reasons :** **NIL**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :  
**Semester with Choice Based Credit System**
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	History	National Moment Leaders of Modern India	20	8
2.	Social Work	Social Legislation in India		5
3.	Rural Development	Rural Development Policies and Programmes in India	26	21
		Non-Governmental Organizations and Participatory Approaches		
4.	Telugu	Telugu Bhasha Sahityam Journalism		2
5	Economics	Economics of Social Sector	2	2
6	Political Science	Centre-State relations in India		4

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	-	-
Associate Professor	05	-	-
Asst. Professor	03	01	01
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 5 Years
* Dr. V.V.N. Rajendra Prasad	M.A, Ph.D, PGDTE	Professor	Indian English Literature, English Language Teaching	32 years	08
* Dr. P. Obula Reddy	M.A, Ph.D	Professor	Indian Literature	23 years	08
Dr. V. Madhavi	M.A, Ph.D	Assistant Professor	Indian Literature & Fiction	5 years	---
* Prof. VVN Rajendra Prasad, Retired in June 2011 * Prof. P. Obula Reddy, Retired in December 2012					

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1	Prof. K. Venkata Reddy	Retd. Prof. , S.K. University, Anantapur
2	Prof. Abdul Khayoom	Retd. Prof. , S.K. University, Anantapur
3	Prof. VVN Rajendra Prasad	Retd. Prof. , S.K. University, Anantapur
4	Prof. T. Viswanatha Rao	Andhra University PG Centre, Kakinada
5	Prof. M. Madhusudhan Rao	Nagarjuna University, Guntur

13. **Percentage of classes taken by temporary faculty - programme-wise information**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	01	25%
2011-12	PG	01	25%
2012-13	PG	01	50%
2013-14	PG	01	50%
2014-15	PG	01	50%

14. **Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	12:1
2011-12	PG	12:1
2012-13	PG	25:1
2013-14	PG	25:1
2014-15	PG	25:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Junior Assistant	01	01	01
2	Attender	01	--	01

16. **Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1	Indian Literature	UGC
2	African Literature	UGC
3	American Literature	UGC

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise : **NIL****

18. **Inter-institutional collaborative projects and associated grants received:** NIL  
 a) National collaboration                      b) International collaboration
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :** NIL
20. **Research facility / centre with :** NIL  
 • state recognition  
 • national recognition  
 • international recognition
21. **Special research laboratories sponsored by / created by industry or corporate bodies :** NIL

22. **Publications: (Details vide Annexure - I)**

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	01	-	-	-	-
a)	National	01	-	-	-	01
b)	International	-	-	-	-	-
2	Monographs	-	-	-	-	-
3	Chapters in Books	01	-	-	-	-
4	Edited Books	02	-	-	-	-
5	Text/ Reference books	-	-	-	-	-
6	Number listed in International Database	-	-	-	-	-
7	Citation Index – range / average	-	-	-	-	-
8	Impact Factor – range / average	-	-	-	-	-
9	h-index	-	-	-	-	-

23. **Details of patents and income generated:**
24. **Areas of consultancy and income generated:** NIL
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Sl.No.	Name of the Faculty member	Laboratories/ Institutions/industries visited	Dates
1.	Prof. VVN Rajendra Prasad UGC Visiting	1. UGC Visiting Fellow at Sri Padmavathi Mahila University, Tirupati.	2013-14

26. **Faculty serving in**  
 a) National committees b) International committees c) Editorial Boards d) any other (please specify)



<i>Sl. No.</i>	<i>Faculty member</i>	<i>National Committees</i>	<i>International Committees</i>	<i>Editorial Boards (give the name of the journal)</i>	<i>Period</i>
1.	<b>Prof. VVN Rajendra Prasad</b>			<b>Forum for Musings, JNTU, Hyderabad, (Member of Editorial Board)</b>	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	<b>Dr. V. Madhavi</b>	<b>Orientation Programme organised by MANUU, Hyderabad.</b>	<b>14<sup>th</sup> May 2015 to 10<sup>th</sup> June, 2015</b>

28. Student projects : NIL

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by : NIL

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: NIL

31. Code of ethics for research followed by the departments

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Avoiding plagiarism

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MA English					
2010-11	725	35	19	64.75	35.15
2011-12	648	27	20	57.24	42.4
2012-13	819	34	14	70.72	29.12
2013-14	680	33	16	67.32	32.64
2014-15	798	34	16	68	32
M. Phil.	-	-	-	-	-
Ph.D.	-	-	-	-	-

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	100	-	-	-
2011-12	100	-	-	-
2012-13	100	-	-	-
2013-14	85	15	-	-
2014-15	82	18	-	-
M.Phil.	-	-	-	-
Ph.D.	-	-	-	-

**34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	-	-
2.	2011-12	-	-	-	-	-	-
3.	2012-13	-	01	-	-	-	-
4.	2013-14	01	02	-	-	-	-
5.	2014-15	-	03	-	-	-	-

**35 Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	Not Applicable
PG to M.Phil.	-
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	-
Other than campus recruitment	40%
Entrepreneurs	-

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	100%
From other universities within the State	-
From universities in other states	-
From universities outside the country	-

**37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL**

**38 Present details of departmental infrastructural facilities with regard to**

- a) Library : YES
- b) Internet facilities for staff and students : YES
- c) Total number of class rooms : 02
- d) Class rooms with ICT facility : NIL
- e) Students' laboratories : NIL
- f) Research laboratories : NIL

**39 List of doctoral, post-doctoral students and Research Associates :NIL**

- a. from the host institution/University
- b. from other institutions/universities

**40 Number of post graduate students getting financial assistance from the University:**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of students obtaining</i>				
		<b>Merit scholarship</b>	<b>SC/ST scholarship</b>	<b>OBC scholarship</b>	<b>Minority scholarship</b>	<b>Fees reimbursement</b>
1	2010-11	19	09	16	01	25
2	2011-12	17	11	16	01	27
3	2012-13	21	13	12	02	25
4	2013-14	19	12	18	01	30
5	2014-15	15	10	24	01	34

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Not Applicable

42 Does the department obtain feedback from

i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?:

Yes, it is used for restructuring courses offered in the M.A Programme

ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

Yes, the IQAC collects feedback from students on the curriculum on faculty. Data helps the Dept. in reframing the syllabus and make the programme learner-oriented.

iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? :

The Dept. organises regular interactive sessions between alumni and students. Dept. also utilises the occasion to request the alumni to give lectures on the topics of their interest. The sessions also serve the purpose of motivating and inspiring the students.

43 List the distinguished alumni of the department (maximum 10)

- 1.Prof. C.T. Indira, University Madras
- 2.Prof. T. Sriraman, EFLU
- 3.Mr. K. Aravinda Rao, DGP, Andhra Pradesh
- 4.Prof. Rajeshwari C. Patel, SSSIHL
- 5.Mr B. Syed Mohammed Yasin, Additional DGP, Kerala
- 6.Mr Emmanuel Parakati, CEO, Health to Hope Clinics, USA
- 7.Dr Fiayaz Ahmed, Deputy Director, IGNOU
- 8.Mr C. Lakshmi Prasad, Additional Director, Dept of Emergency and Disaster Management, Andhra Pradesh
- 9.Prof. K. Sunitha Rani, University of Hyderabad

44 Give details of student enrichment programmes (Special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1	2010-11	Prof. M. Madhusudhan Rao	Guest Lecture
2	2011-12	Prof. T. Viswanatha Rao	Guest Lecture
3	2012-13	Prof. K. Venkat Reddy	Guest Lecture
4	2013-14	Prof. VVN Rajendra Prasad	Guest Lecture
5	2014-15	Prof. VVN Rajendra Prasad	Guest Lecture

45 List the teaching methods adopted by the faculty for different programmes:

Lecture  
Team teaching  
Monitored Group Discussion

- 46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :  
Regular tutorials in which students actively participate, demonstration classes by students and regular feedback by students.
- 47 Highlight the participation of students and faculty in extension activities.:  
1. Conducted classes for SC, ST & Minority Students on Communication skills.  
2. Conducted classes for SC, ST & Minority Students appearing for various competitive Examinations.
- 48 Give details of “beyond syllabus scholarly activities” of the department.:  
1. Organised inter-departmental seminars on other than topics prescribed.  
2. Students are encouraged to give presentation on classics in different languages of the world.
- 49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No
- 50 Briefly highlight the contributions of the department in generating new Knowledge, basic or applied. : Research activities on the so called marginal & Sub-altern literature
- 51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department :
- Strengths:**
1. Experienced regular and visiting faculty
  2. Well-stacked library
  3. Team teaching
  4. Activity sessions
  5. Students have access to the internet
- Weaknesses:**
1. Dwindling staff strength
  2. No fresh recruitment
  3. As a result, the Department not able to offer optional courses in many areas
- Opportunities:**
1. The Department offers English Language as an optional course.
  2. Indian Literature is one of the areas in which the Department is strong.
  3. The Department proposes to introduce a course on Spanish, mainly with the help of RDT, Anantapur, which many Spaniards visit regularly.
- Challenges:**
1. The Department suffers from Inadequate staff
  2. Difficulty to handle the courses with guest faculty due to inadequate finances.
- 52 Future plans of the department. :  
1. To establish English Language learning centre  
2. To develop as a Centre for Indian Literature in English and English Translation.

**Annexure – I**

1. **Rajendra Prasad, VVN**, et al. Ed. *Perspectives on ELT: Select Essays*. New Delhi: Prestige Books International, 2011. ISBN: 81-7851-093-6.
2. **Rajendra Prasad, VVN, and G. Sreenivasulu**. "John Updike's S. and Indian Thought." *Forum for Musings: The JNTU Journal of English Studies* 5.2 (April 2011). ISSN 2231-0266
3. **Rajendra Prasad, VVN, and M. Durga Bhavani**. "Margaret Drabble and Women's World." *Critical Expressions: A Festschrift in Honour of Prof. D.J.P.N. Reddy*. Ed. Dr. R. Poli Reddy. Delhi: Mangalam Publishers and Distributors, 2011.
4. **Sandhya, K., and VVN Rajendra Prasad**. Ed. *Perspectives on Quality Enhancement in Higher Education*. New Delhi: Serials Publications, 2012. ISBN: 978-81-8387-536-3.
5. **V. Madhavi**, "Error Analysis: Implications for ELT", Pg. 126-135, *Perspectives on ELT: Select Essays*. New Delhi: Prestige Books International, 2011. ISBN: 81-7851-093-6.
6. **V. Madhavi**, " Exposing Political Intrigues : A Study of Vijay Tendulkar's Ghashiram Kotwal", Pg. 192 – 202, *Orientation Matters: Studies in Transcultural Literature*", Book Enclave Publishers

## Department of Hindi & Comparative Literature

1. Name of the Department : **Hindi & Comparative Literature**
2. Year of establishment : **2013**
3. Is the Department part of a School/Faculty of the University? :  
**Yes, Faculty of Languages and Literature**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **M.A. Hindi**
5. Interdisciplinary programmes and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :  
**NIL**
7. Details of programmes discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:  
**Semester system**
9. Participation of the department in the courses offered by other departments  
**NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	01	-	-
Associate Professor	01	-	-
Asst. Professor	02	-	-
Others	-	-	-

- 11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
-	-	-	-	-	-

- 12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	<b>Prof. I. N. Chandra Sekhara Reddy</b>	Emeritus Professor, Sri Venkateswara University, Tirupathi
2.	<b>Prof. Ganesh</b>	Dept. of Hindi Bangalore University, Bangalore.

- 13 Percentage of classes taken by temporary faculty – programme-wise information:  
Guest faculty has been engaged to undertake classwork.

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty* engaged</i>	<i>Percentage of classes taken</i>
2013-14	PG	03	100%
2014-15	PG	03	100%

\* guest faculty, qualified in NET/SET/SLET

14. Programme-wise Student Teacher Ratio

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	-	-
2011-12	-	-
2012-13	-	-
2013-14	PG	5:1
2014-15	PG	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : **NIL**
16. Research thrust areas as recognized by major funding agencies: **NIL**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **NIL**
18. Inter-institutional collaborative projects and associated grants received: **NIL**  
a) National collaboration                      b) International collaboration
- 19 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: **NIL**
- 20 Research facility / centre with : **NIL**
- state recognition
  - national recognition
  - international recognition
- 21 Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**
- 22 Publications: **NIL**
23. Details of patents and income generated : **NIL**
24. Areas of consultancy and income generated : **NIL**



25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1	<b>Dr. P. Nagabhushana Reddy</b> (Guest Faculty)			<b>CEDAR</b> (Multilingual Journal)	

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs) : **NIL**

28 Student projects :

**NIL**

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

29 Awards / recognitions received at the national and international level by : **NIL**

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: **NIL**

31. Code of ethics for research followed by the departments: **Not Applicable**

32. Student profile programme-wise:

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	-	-	-	-
2011-12	-	-	-	-
2012-13	-	-	-	-
2013-14	100	-	-	-
2014-15	100	-	-	-
M.Phil.	-	-	-	-
Ph.D.	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	-	-
2.	2011-12	-	-	-	-	-	-
3.	2012-13	-	-	-	-	-	-
4.	2013-14	-	-	-	-	-	-
5.	2014-15	-	02	-	-	-	-

35. Student progression: Students of first batch just came out.

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	-
Other than campus recruitment	-
Entrepreneurs	-

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	-
From other universities within the State	-
From universities in other states	-
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

- |   |       |
|---|-------|
| a) Library                                    | : YES |
| b) Internet facilities for staff and students | : YES |
| c) Total number of class rooms                | : 02  |
| d) Class rooms with ICT facility              | : NIL |
| e) Students' laboratories                     | : NIL |
| f) Research laboratories                      | : NIL |

- 39 List of doctoral, post-doctoral students and Research Associates : **NIL**  
 a. from the host institution/University  
 b. from other institutions/universities

- 40 Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	-	-	-	-	-
2.	2011-12	-	-	-	-	-
3.	2012-13	-	-	-	-	-
4.	2013-14	07	03	05	-	08
5.	2014-15	08	03	04	-	07

- 41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: **NIL**

- 42 Does the department obtain feedback from  
 a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : **Through BoS meetings**  
 b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?: **Feedback obtained through IQAC**  
 c. alumni and employers on the programmes offered and how does the department utilize the feedback? : **Not Applicable**

- 43 List the distinguished alumni of the department (maximum 10): **NIL**

- 44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts: **NIL**

- 45 List the teaching methods adopted by the faculty for different programmes.  
**Lecture Method**

- 46 How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
**Through frequent Seminars. Yes, the programme objectives are achieved productively.**

- 47 Highlight the participation of students and faculty in extension activities.

Sl. No.	Extension Activity	Year	
		2013-2014	2014-2015
1.	Cultural	-	✓
2.	Sports and Games	✓	-
3.	Creative Writing	✓	✓

- 48 Give details of “beyond syllabus scholarly activities” of the department: **NIL**

- 49 State whether the programme/ department is accredited/ graded by other agencies?  
If yes, give details: **NIL**
- 50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- (a) There is no permanent staff
  - (b) The department staff works hard to encourage the students to appear for NET or SET Examinations.
  - (c) To encourage the students for preparation of DSC/APSET/NET/JRF Examinations.
  - (d) To improve the personality development for participating in the activities of report writing, data collection and presentation in the Daily Telugu News papers.
  - (e) To provide a training for the students for one Act Plays, Drama, and Poetry Recitation.
- 51 Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- 1. Writing poetry
- 2. Short-story Writing
- 3. Active participation in social, Literary & Cultural Events
- 4. Strengthen Historical Temples and its Literature
- 5. To enrich Bilingual Literatures

**Weaknesses:**

- 1. Lack of Teaching Staff
- 2. University located in Drought-prone Area
- 3. Insufficient Financial Support
- 4. Inadequate Buildings, Infrastructure & Sanitation
- 5. Lack of Voice Recognizer

**Opportunities:**

- 1. Getting Teaching Professionals
- 2. Different Positions in Different Field (Civil, Defence & Group Services)
- 3. Getting Jobs in the field of Journalism
- 4. To set out AIR & Electronic Media
- 5. To develop writing Skills

**Challenges:**

- 1. To procure folk arts & folk system
- 2. To establish language lab
- 3. To enrich National language studies
- 4. To honour the great genius Hindi poets & Creative writers
- 5. To write up the monographs of folk artists in India

52 **Future plans of the department.**

- 1. To compile a Trilingual Dictionary : Telugu-Hindi-Kannada
- 2. To compile a Qudro-lingual Dictionary : English-Telugu-Hindi-Kannada
- 3. To enrich the research in the disciplines of Feminism and Dalit Literatures.
- 4. To procure the rare folk Instruments, Literature, Traditions and Cultures.

## Department of Telugu & Comparative Literature

1. Name of the Department : Telugu & Comparative Literature
2. Year of establishment : 1967
3. Is the Department part of a School/Faculty of the University? : Yes,  
FACULTY of Languages and Literature
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
M.A. TELUGU  
Ph.D. & M.Phil. in Telugu  
Diploma in Sanskrit  
Diploma in Kannada  
Diploma in Tamil  
Certificate course in Kannada  
Certificate course in Tamil  
Diploma in Music & Theatre Arts  
Diploma in Folk & Performing Arts.
5. Interdisciplinary programmes and departments involved : NIL

SL No.	Title of OE paper offered	No. of students opted		Department(s)
OE1	Paper 2.5 : TELUGU -1 Telugu Bhasha Sahityam-Journalism	2013-14	2014-15	
		0	01	Applied economics
		0	02	English
		0	03	History
		0	01	Public Administration
		0	01	Rural Development
		0	03	Social work
OE2	Paper 3.5 : TELUGU -1 Adhunika Sahityam, Vimarsa, Vyakaranam	0	01	Applied economics
		0	02	English
		0	03	History
		0	01	Public Administration
		0	01	Rural Development
		0	03	Social work

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :  
NIL
7. Details of programmes discontinued, if any, with reasons : NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
Semester System with Choiced Based Credit System

9. Participation of the department in the courses offered by other departments

Sl. No	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1	Adult Education	Human Resource Development	0	10
	History	Indian National Movement	19	04
	Political Science	Center-State Relations	06	29
	Rural Development	Rural Development Policies and Programmes in India	11	01
	Economics	Economic Development of India and Andhra Pradesh	03	04
	English	English for Communication	02	
2.	Adult Education	Career Guidance and Counselling	0	10
	History	Leaders of Modern India	19	04
	Political Science	Recent Trends in India's Foreign Policy	06	29
	Rural Development	Non-Govt. Organisations and Participatory Approaches for Rural Development	11	01
	Economics	Economics of Social Sectors	03	04
	English	General English	02	

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	01	03
Associate Professor	02	01	-
Asst. Professor	07*	02	01
Others	-	-	-

\* of which one post was sanctioned by UGC during X Plan and continued as per Govt. Orders

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 5 Years
*Prof. H.S.Brahmananda	M.A., (Tel) M.A., (Ling.) Ph.D.,	Professor	General Linguistics, Dravidian Philology, Folklore (Harikatha)	Retired on Sep-2010 33 Years	02

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*Prof. R.Sesha Sastry	M.A., Ph.D.,	Professor of Kannada	Folklore Manuscript logy South Indian Inscriptions	Retired on April 2011 26 Years	01
*Prof. M.K.Devaki	M.A., Ph.D.,	Professor	Folklore Children lore Creative Writing	Retired on June 2011 33 Years	02
Prof. M.Buddanna	M.A., Ph.D.,	Professor	Classical Poetry Literary Criticism, Aesthetics	31 Years	08+02
Prof. G.Narasimhan	M.A., M.Phil., Ph.D.,	Professor Of Tamil	General Linguistics, Dravidian Philology, Comparative South Indian Litt, Comparative Indian Litt., Classical Tamil Literature	26 years	08+02
Prof. G. BalasubraManyam	M.A., Ph.D.,	Professor	Classical Litt, Modern Litt, Literary Criticism, Journalism Folk Litt.	20 years	08+02
Dr. N.r. Sadasiva reddy	M.A., M.Phil., Ph.D.,	Assistant Professor	Classical Litt, Folk Lore, Grammar, Prosody & Poetics.	10 years	08+02
<b>*Prof. H.S.Brahmananda</b> Retired on Sep – 2010 and expired on 03-11-2015. <b>*Prof. R. Seshasastry</b> Retired on April - 2011 <b>*Prof. M.K.Devaki</b> Retired on June 2011.					

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1	Professor H. S. BRAHAMANANDA	Emeritus Professor, Dept. of Telugu, S.K. University, Anantapur
2.	Professor. N. Muniratnamma	Dept. of Telugu Studies Sri Venkateswara University, Tirupati
3.	Prof. K. Asha Jyothi	Dept.of Telugu, Bangalore University, Gnanabharathi, Bangalore.

13. **Percentage of classes taken by temporary faculty – programme-wise information :**

14. **Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.A. ( Telugu )	7 : 1
2011-12	M.A. ( Telugu )	11 : 1

2012-13	M.A. ( Telugu )	13 : 1
2013-14	M.A. ( Telugu )	12 : 1
2014-15	M.A. ( Telugu )	13 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sl. No.	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1.	Junior Assistant	01	01	01
2.	Attender	01	01	02

16. Research thrust areas as recognized by major funding agencies

Sl. No.	Research thrust areas	Name(s) of the funding agency
1.	Classical Telugu Literature	UGC
2.	Modern Telugu Literature	„
3.	Literary Criticism	„
4.	Comparative South Indian Literature	„
5.	Comparative Indian Literature	„
6.	Journalism and Mass Media Communications	„
7.	Folklore and Performing Theatre Arts	„

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1.	Prof. G.Balasubramanyam	Major	UGC Major Research Project on “Reassessment of Classical Literature by Modern Writers”	F.No. 5-319(4)/2009 (HRP) dated 07-01-2010	4.73 Lakh
2	Prof. G.Narasimhan	Minor	UGC Minor Research Project on A Comparative Study of Pratapa Mudaliyar Charitram (Tamil ) and Rajasekhara Charitram (Telugu)	F.No. 6-68/2009 (HRP) dated 13-01-2010	1.14 Lakh



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18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration                      b) International collaboration      **NIL**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.                      **NIL**
20. Research facility / centre with  
  - state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies

22. **Publications: (Details vide Annexure-I)**

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	07	03	02	03	02
a)	National	07	03	02	03	02
b)	International					
2	Monographs					
3	Chapters in Books <b>Annexure2</b>	01	-	03	03	01
4	Edited Books	-	-	02	-	02
5	Text/ Reference books	04	01	02	-	-
6	Number listed in International Database	-	-	-	-	-
7	Citation Index – range / average	-	-	-	-	-
8	Impact Factor – range / average	-	-	-	-	-
9	h-index	-	-	-	-	-

23. Details of patents and income generated :                      **NIL**
24. Areas of consultancy and income generated :                      **Nil**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Sl. No.	Name of the Faculty member	Laboratories/ Institutions/ industries visited	Dates
1.	Prof. M. Buddanna	Topic : Srimadramayanamu - Sundrakanda Vysistyam ( Osmania Univesity, HYD)	2010
2.	Prof. G. Narasimhan	Topic : Vemana and Avvaiyar works: A Comparative Study (Yogi Vemana University, Kadapa )	01-02-2011
		Topic : Child Marriage in Gurajada and Bharatidasans' works (S K University)	20 - 21, Sep.2012

		Topic : <b>Strategies and Styles of English Teaching</b> ( Reddy Sangha First Graded College, Bangalore)	11-10-2013
		Topic : <b>Puttaparthi Jeevitham – Sahityam</b> (S. K. University)	27-3-2014
3.	Prof. G. Balasubramanyam	Topic : <b>Telugu Dalitha Navala – Adhyayana Paddhathulu</b> , ( Potti Sreeramulu Telugu University, Hyderabad)	11.4.2010
		Topic : <b>Vijayanagara Paalakula Avasheshalu – Neti Samghika Aanavaallu</b> , (KSOU, Mysore)	20-09-2010
		Topic : <b>Senior Samudrala Cine Geethalu – Sahitya Samajika Viluvalu</b> (Andhra University, Vishakapatnam)	9 & 10 Feb-2011
		Topic : <b>Rayala Raajaneethi – Sramika Pakshapatham</b> (Sri Padmavathi Mahila Viswavidyalayam, Tirupati)	18 & 19 March 2011
		Topic : <b>Telugu Research on Yakshaganas : Yesterday, Today and Tomorrow</b> (CIIL, Mysore)	22 & 24 Sep 2011
		Topic : <b>The Role of Telugu Short Stories in Indian National Movement</b> (Madras Christian College (Autonomous) Chennai)	16-03-2012
		Topic : <b>Uchalya Navala – Vashu Nivedana</b> (Sri Padmavathi Mahila Viswavidyalayam, Tirupati)	29-31 August 2012.
		Topic : <b>Sampadaka Samrat ABK</b> (Sri Venkateswara University, Tirupati)	5-7 October 2012
		Topic : <b>Bhavakavitvamlo Joshua</b> (Andhra University, Vishakapatnam)	1 & 2 Feb 2014
		Topic : <b>Puttaparthi Meghasandesha kaavyam – Pallelu – Premalu – Sramikulu</b> (Dravidian University, Kuppam)	3-5 March 2014
		<b>Maha Yasashvi Neelam Sanjeeva Reddy Kavyam – Anuseelana</b> (S K University)	26-27 March 2014
		Topic : <b>Enoch Naatakalu – Saamjika Vislesana</b> (Dalit Open University of India, Guntur)	12-13 July 2014
		Topic : <b>Matru Sri Tharigonda Vengamamba Chenchu Naatakam – Girijana Samskruthee Visheshalu</b> (Samskruthi, Sri Velagapudi Ramakrishna Memorial College, Nagaram, Guntur)	13-14 Aug 2014
		Topic : <b>Vismrithakavi Sri Paturi Rajagopala Naidu- Jeevitham, Rachanalu</b> , (Govt.Degree College, Nagari)	3-4 March 2015

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		<b>Electronic Media Samakaaleena Samajam</b> Dravidian University Kuppam	30-31, March.2015
		<b>Raamayanaamloni Kutumbam - Neti Aavasyakatha</b> (P.R. College (Autonomus) Kakinada)	6 & 7 Feb 2015
4.	<b>Dr. N. R. Sadasiva Reddy</b>	Topic : <b>Amukthamalyadha - Dalithula Jeevana Vruththulu</b> (Karnataka State Open University, Mysore)	20 Sep, 2010
		Topic : <b>Folk Medicine</b> Dravidian University, Kuppam	21-22 Sep2010
		Topic : <b>Ananta Jila Chakkabajana-Sthanikatha</b> Dravidian University Kuppam	25 to 27 Feb, 2010.
		Topic : <b>Veturi Prabhakara Sasthry Rachanalu - Samajikatha</b> ( Karnataka State Open University, Mysore)	28 Feb, 2013.
		Topic : <b>Neethulu - Vemana Sarvagna</b> , (Karnataka State Open University, Mysore)	01 March, 2013.
		<b>Amuktha Malyada Vruththulu</b> , (Krishnagiri Zilla Telugu Teachers Association, Hosur, Tamil Nadu, )	24 Aug, 2014.
		Topic : <b>Telugu Kannada Mahabharathalu-Thulanatmaka Pariseelana</b> , " University of Bangalore.	11-12 Sep, 2015.
		Topic : <b>Poetry Recitation</b> (World Telugu Federation, Chennai)	29 Dec, 2010.

26 Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	<b>Prof. G. Balasubramanyam</b>	-	-	Sapthagiri - published by TTD	2010-2015

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	<b>Dr. N. R. Sadasiva Reddy</b>	<b>UGC - Sponsored Refresher Course</b>	Department of Folklore and Tribal Studies, Dravidian University, Kuppam for 21 days in the year 2010.

- 28 **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects : **NIL**
  - percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**
- 29 **Awards / recognitions received at the national and international level by**
- Doctoral / post doctoral fellows
  - Faculty

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1.	Prof.G.Balasubramanyam	TRUE INDIAN AWARD -2012	AP State Cultural Department & Dalita Kalamandali of Andhra Pradesh at Hyderabad	07.09.2012
2.	Prof.G.Balasubramanyam	Telugu Vanghmaya Pragati Ratnaalu - 2013	Telugu Basha Parirakshana Samithi, Punganur, Chittoor District.	29,30 Jan 2014

• **Students**

students of M.A. Telugu has been awarded **Pratibha Awards** given by AP State Government in Feb 2015.

- 30 **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<i>Sl. No.</i>	<i>Name of the Seminar / Conference/ Workshop organized</i>	<i>Name of the Director/ Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of outstanding participants</i>
1.	Gurazada Jeevitham - Sahithyam	Prof. G. Balasubramanyam	AP Cultural Wing and PSTU, Hyd.	20,21 Sep 2012	67
2.	Telugu Bhasha Sahithyotsawalu	Prof. G. Balasubramanyam	SKU NSS UNIT	24,25 Dec 2012	95

- 31 **Code of ethics for research followed by the departments**

- Avoding duplicity in the selection of research problem**
- Ensuring the acknowledgement of the sources including websites in the references**
- If possible, obtaining permission from the authors to use the information**
- Avoding plagiarism**
- Use of data collected from the respondents strictly for research purpose only**
- To invite concerned poets, critics, creative writers to get the more information by their experiences and their published works.**

**32 Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme	PG	13	32	29%	71%
2010-11	700	15	30	33%	67%
2011-12	800	17	28	38%	62%
2012-13	950	18	32	36%	64%
2013-14	600	19	31	39%	61%
2014-15	750	07	01	87.5%	12.5%
M. Phil.	200	13	07	65%	35%
Ph.D.	150				

**33 Students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme	PG			
2010-11	90%	10%	-	-
2011-12	88%	12%	-	-
2012-13	100%	-	-	-
2013-14	82%	18%	-	-
2014-15	85%	15%	-	-
M.Phil.	100%	-	-	-
Ph.D.	90%	10%	-	-

**34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	04	-	-	-	-	-
2.	2011-12	06	-	-	-	-	-
3.	2012-13	07	06	-	-	-	-
4.	2013-14	06	07	-	-	-	-
5.	2014-15	10	07	-	-	-	-

35 **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	8 %
PG to M.Phil.	20%
PG to Ph.D.	50%
Ph.D. to Post-Doctoral	10%
Employed	-
Campus selection	
Other than campus recruitment	20%
Entrepreneurs	-

36 **Diversity of staff****Percentage of faculty who are graduates**

Of the same University	25%
From other universities within the State	50%
From universities in other states	25%
From universities outside the country	-

37 **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period** : NIL38 **Present details of departmental infrastructural facilities with regard to**

- a) Library : NO
- b) Internet facilities for staff and students : YES
- c) Total number of class rooms : 03
- d) Class rooms with ICT facility : 01
- e) Students' laboratories : NIL
- f) Research laboratories : NIL

39 **List of doctoral, post-doctoral students and Research Associates**

- a. from the host institution/University
  - I. Doctorates : Ph.D = 21

1. **Prof. M. Buddanna : 08**

<i>Sl. No.</i>	<i>Name of the Ph.D. Scholar</i>	<i>Year of award</i>
1.	H. Obulesu	2010
2.	P. Krupavani	2010
3.	R. Aruna	2012
4.	M. Chittamma	2012
5.	P. Bhanumathi	2013
6.	V. Venkateswarulu	2014
7.	D. Naresh Kumar Naik	2014
8.	B. P. Ayyanna	2015

**2. Prof. G. Narasimhan : 08**

9.	C. Muthayalappa	2010
10.	P. Ramakrishna	2012
11.	M. Prasad	2012
12.	B. Nagabhusana Reddy	2012
13.	Obula Reddy	2012
14.	S.Lakshmi Kumari	2013
15.	K. AlamVali	2013
16.	K. Ravi	2014

**3. Prof. G. Balasubramanyam :03**

17.	C. Saila Kumar	2012
18.	T. Ramanaidu	2014
19.	D. Sreeramulu	2014

**4. Dr. N. R. Sadasiva Reddy : 02**

20.	L. Kristappa	2014
21.	K. Sreenivasulu	2015

**II. Post Doctoral Fellowships**

1. Dr. S. Babu, Post-Doctoral Fellow
2. Dr. G. Sreeramulu, Post-Doctoral Fellow
3. Dr. T. Nagendra, Post-Doctoral Fellow

**b. from other institutions/ universities : NIL**

40 **Number of post graduate students getting financial assistance from the University:**

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	12	10	23	1	33
2.	2011-12	14	10	20	1	30
3.	2012-13	14	12	23	1	35
4.	2013-14	16	13	21	0	34
5.	2014-15	13	11	25	1	36

41 **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Not Applicable**

42 **Does the department obtain feedback from**

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Every year, the department is conducting the BOS meeting in Telugu and revise the syllabus for making success in the examinations of JRF, NET, SET and other competitive exams. Restructuring of syllabus once in 3 years.

To practice the Traditional Poetry in classical manner.

To conduct a training to write the news items, and features.

To offer a practice to the students for getting functional spoken skill from the sister languages like Tamil and Kannada etc.

- b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, the IQAC collects feedback from students on the curriculum on faculty. Data helps the Dept. in reframing the syllabus and make the programme learner-oriented.

- c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?**

The Dept. organises regular interactive sessions between alumni and students. Dept. also utilises the occasion to request the alumni to give lectures on the topics of their interest. The sessions also serve the purpose of motivating and inspiring the students.

43 **List the distinguished alumni of the department (maximum 10)**

1. Dr.P. Harinath, Faculty, Reginal Institute of Telugu, Manasa Gangotri, Mysore.
2. Dr.K.Anand Rao, Principal, A.P.S.W.S College, Nandyal.
3. Dr.V.Pothanna, Programme Officer, AIR Kurnool.
4. Dr.K.Lakshmi Narayana, Dalith Litetarycritic & Writer, JL in Telugu, A.P.S.W.S College, Kurnool.
5. Dr.J.Lakshmi Narayana, Lecturer in Telugu, Govt.Degree College, Dharmavaram.
6. Prof. K. Ashajyothi, Dept.of Telugu, Gnanabharathi, Bangalore University, Bangalore.
7. Prof. M. Gona Naik, Dept.of Telugu, Osmania University, Hyderabad.
8. Dr.Uddandam.Chandra Sekhar, Journalist & Poet, Anantapuramu.
9. Dr.M.Shamiulla, Writer & Lecturer in Telugu, Govt.Degree College, Dharmavaram.
10. Mr. Ramana, SI of Police, Kurnool Police Station, Kurnool.

44 **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

<i>Sl. No.</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1.	2010-11	Sri Singamaneni Narayana	Techniques of the Short Story
2.	2011-12	Sri .G.Kalyana Rao (Marxist Writer)	Theme and culture in Fiction
3.	2012-13	Sri Padeti Johnson, poet	Imagination in Poetry
4.	2013-14	Dr.P.Ramesh Narayana, Literary Critic	Literary Criticism and its impact on Telugu Poets.
5.	2014-15	1.Dr.M.Narendra, Telugu Short Story Writer &, Prof.of English, S.V.University, Tirupati. 2.Sri.Syed Jaffer, Scribe in Telugu, English, Hindi & Tamil	The selection of theme and its nature in Telugu Short Stories.  Writing patterns in Indian Languages



45. List the teaching methods adopted by the faculty for different programmes.
- Lecture
  - Demonstrative
  - Comparative
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- To provide a skilful tutorial to PG students
  - To prepare the standard notes for examination purpose
  - To introduce reading practice of Telugu manuscripts
47. Highlight the participation of students and faculty in extension activities.  
**Participating in Dramas, Mimicry, Music, Singing Folk songs**  
**Writing poetry, poetry in prose form**
48. Give details of “beyond syllabus scholarly activities” of the department.
- To write a new epic in Modern age.  
To write messages for Journals.  
To bring out the innovative messages through Art and Architecture.  
Give oration on Telugu heritage and culture.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- To introduce the usage of computers for Language and Literature students.
  - To enrich the students to learn foreign languages like Japanese. Latin etc.
  - Collecting Telugu, Kannada, Tamil folk songs for a study of Comparative Folk lore.
  - To train the students in Lexicography for compiling bilingual, Trilingual and Multi lingual Dictionaries.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- Writing poetry
- Short-story Writing
- Active participation in social, Literary & Cultural Events
- Strengthen Historical Temples and its Literature
- To enrich Bilingual Literatures

**Weaknesses:**

- Lack of Teaching Staff
- University located in Draught Area
- Insufficient Financial Support
- Inadequate Buildings, Infra structures & Sanitation
- Lack of Voice Recognizer

**Opportunities:**

1. Getting Teaching Professionals
2. Different Positions in Different Field (Civil, Defence & Group Services)
3. Getting Jobs in the field of Journalism
4. To set out AIR & Electronic Media
5. To develop writing Skills

**Challenges:**

1. To procure folk arts & folk system
2. To establish folk museum
3. To enrich Dravidian languages and Literature study
4. To honour the great genius Telugu poets & Creative writers
5. To write up the monographs of folk artists in Anantapur District

**52. Future plans of the department.**

1. To compile a Trilingual Dictionary : Telugu-Tamil-Kannada
2. To compile a Qudro-lingual Dictionary : English-Telugu-Tamil-Kannada
3. To enrich the research in the disciplines of Feminism and Dalit Literatures.
4. To procure the rare folk Instruments, Literature, Traditions and Cultures.
5. To introduce a PG Diploma course in Journalism, and Mass Media Communication.

**Annexure : 1**  
**Articles**

Sl. No	Name of the Teacher	Title of the Article, Publication Details	Total Articles
1	Prof. M. Buddanna	Galib Geethala Anuvadha Soundharyamu, - SKUC Magazine 2010	01
2	Prof. G. Narasimhan	<p>Tamil</p> <p><b>1. Kattrukodukkum Kalviyaalar PORKO</b>, Arijnargalin Paarvaiyil Porko, 70<sup>th</sup> Annual Commemoration Volume, June 2011.</p> <p>Telugu</p> <p><b>2. KANNAPPA NAYANAR PURANAM</b> Basavakrupa, Secunderabad, July, 2010.</p> <p><b>3. KANNAPPA NAYANAR PURANAM</b> Basavakrupa, Secunderabad, August 2010.</p> <p><b>4. KOIYILA PAATA</b> (Subramanya Bharathi) July-2010. <b>NETI NIJAM, (Pages .2 &amp; 5)</b>, Pub. By Veeradas, Freedom Publications, SRT-74 Jawahar Nagar, Ashok Nagar, Hyderabad - 500 020.</p> <p><b>5. KANNAPPA NAYANAR PURANAM</b> Basavakrupa, Secunderabad, Sep, 2010.</p> <p><b>6.. KANNAPPA NAYANAR PURANAM</b> Basavakrupa, Secunderabad, Oct, 2010.</p> <p><b>7.. 500 Samvatsarala Naati Pracheena Saasanam</b> Musi, Hyderabad, Oct, 2012.</p> <p><b>8.. Thanjavuru Devalayamlo Vijayanagara Kalapu Tamila Sasanalu</b> Musi, Hyderabad, Jan, 2013.</p> <p><b>9. Sri Raja Raja Baavi</b>, Musi, Hyderabad, Jan, 2013.</p> <p>English</p> <p><b>10. Basava And Tamil Tradition, Basavana Bhagevaadi</b>, Prasara ranga, Kannada viswavidyalaya, Hampi. 2010.</p> <p><b>11. Kovalan : A Tragic Hero in the first Tamil Epic, Silapatikaaram</b>, CEDAR, Nisaba Publications, Bangalore - 68, Vol1, Issue1, July-Dec 2010. pp5-13. (Bi-annual)</p>	12

		<b>12.Prologue and Epilogue to <i>Silapatikaaram</i>, The first Tamil epic, CEDAR</b> , Nisaba Publications, Bangalore – 68, Vol 2, Issue 1 Jan-June 2011. pp5-11. (Bi-annual).	
<b>3</b>	<b>Prof. G. Balasubramanyam</b>	<p>1) G. Balasubramanyam, “<b>Joshua – Achchmaina Aadhunika Maha Kavi</b> ” in G. Krupachari (ed), Joshua Swaram, <b>CARD International</b>, Guntur2013, pp49-56.</p> <p>2) G. Balasubramanyam, B. Ashok Kumar, D. Purushotham “<b>Sri Krishnadevarayala Aamuktha Malyada –Jeevana Saili – Nisitha Pariseelana Dristi</b>” in B. Narayana (ed), Sri Krishnadevarayala <b>Chathuradhika Pancha Sathabdi Uthsavala Souvenir</b>, Andhra Pradesh Government Publication 2014, pp.60-66.</p> <p>3) G. Balasubramanyam, “<b>Vyasa vipanchi</b>”, in Secretary, C.P. Brown Research Center, Yogi Vemana University, Kadapa (ed), <b>In Memory of Dr. Janamadhi Hanumchastr Souvenir</b>, 2015 pp.71-75.</p> <p>4) G. Balasubramanyam, “<b>Vismrutha kavi Sri Paturi Rajagopal Naidu Jeevitham – Rachanalu</b>”, S.H. Showbhagyamma, Associate Professor of Telugu (ed), Govt Degree College, Nagari, Chittoor Dist. 2015 pp.62-65 (Chittoor Zilla Sahiti Vybhavam Seminar Souvenir).</p>	<b>04</b>
		<b>TOTAL</b>	<b>17</b>

### Chapters in the Books

**Prof. G. Narasimhan (04)**

1. Subramaniya Bharathi And Gurazada Apparao Works A Comparative Study, **Comparative Literature**, K.B. Publications, Ammooor (TN), Mar 2013, pp 1-28, (ISBN 978-93-80713-01-4).
2. Saint Arunagirinathar, **Collected Essays**, Sivam Publications, Ammooor (TN), May 2013, pp1-6, (ISBN 978-93-807577-00-5).
3. Feminism, **Feminism**, Shridi Sai Publications, Tiruttani (TN) May 2014. pp. 7-14,(ISBN 978-81-929117-4-8).
4. Kovalan: A Tragic Hero in the First Tamil Epic, Silapatikaaram, **Contemporary Essays**, Shridi Sai Publications, Tiruttani (TN) Jan 2015. p.5-14. (ISBN 978-81-929117-5-5),

**Prof. G. Balasubramanyam (04)**

1. G. Balasubramanyam, “A Spirituality beyond Religious” in K.Anandan & Sathya bai Sivadas (ed), The Legacy of Sree Narayana Guru, PSTU SC/ST Cell Publications, Hyderabad 2010, pp 47-56. **ISBN no. 81-86073-248-0**
2. G. Balasubramanyam, “Raamayanaamloni Kutumbam – Naithika Viluvu” in L.V.Krishna Reddy & P.C. Venkateswarlu (ed), Telugu Vibhavam(Papers in Honour of Prof. J. Prathapa Reddy), Divya Teja Publications, Hyderabad, 2013, pp. 147-154. **ISBN No. 978-81-920542-2-3.**

3. G. Balasubramanyam, "Joshua – The Mega Poet" in James Messi & G. Krupachari (ed), Joshua Kavi Bat theology, Centre for Dalit Mynority Studies, Dalit Open Universitym Deenapur & CARD International, Guntur 2014, pp42-48. ISBN No. **978-93-81907-13-9**.
4. G. Balasubramanyam, "Ramayanam Ioni Kutumbam – Neti Avasyakatha, in Dr. Pradeep Kumar Simha, Mumbai & Dr. Vinay Kumar Gaya (ed), Saraswathi Prakasan, Mumbai.2014. Pp. 880-885 ISBN **978-93-81980-28-6**.

**Edited Books**

**Prof. G. Narasimhan (04)**

- |   |                  |
|---|------------------|
| 1. <b>Comparative Literature (Editor) (English)</b><br><b>(ISBN 978-93-80713-01-4)</b><br>K.B.Publications,9,Bharathi street<br>Ammoor 632 501.(TN)   | <b>Mar, 2013</b> |
| 2. <b>Collected Essays (Editor )( English)</b><br><b>(ISBN 978-93-807577-00-5)</b><br>Sivam Publications,10,Bharathi street<br>Ammoor 632 501.(TN)    | <b>May, 2013</b> |
| 3. <b>Feminism : (Editor )( English)</b><br><b>(ISBN 978-81-929117-4-8)</b><br>Shiridi Sai Publications, Tiruttani- 631 209.(TN)                      | <b>May, 2014</b> |
| 4. <b>Contemporary Essays :</b><br><b>(Editor )( English)</b><br><b>(ISBN 978-81-929117-5-5)</b><br>Shiridi Sai Publications, Tiruttani- 631 209.(TN) | <b>Jan, 2015</b> |

**Reference / Textbooks**

- |   |                  |
|---|------------------|
| 1. <b>ARUT PERUNJYOTHY AGAVAL(Tamil )</b><br>Padma priya Publications, Tiruttani-631209(TN)           | <b>Aug, 2010</b> |
| 2. <b>Koyila Paatta (Telugu)</b><br>Padma priya Publications, Tiruttani-631209(TN)                    | <b>Jan, 2011</b> |
| 3. <b>Azhagan (Tamil )</b><br>Padma priya Publications, Tiruttani-631209(TN)                          | <b>Mar, 2011</b> |
| 4. <b>Sri Arunachala Akshara Mani Mala (Telugu)</b><br>Padma priya Publications, Tiruttani-631209(TN) | <b>Apr, 2011</b> |
| 5. <b>Sri Subramanya Charitram ( Telugu)</b><br>Padma priya Publications, Tiruttani-631209(TN)        | <b>Feb, 2012</b> |
| 6. <b>Pothuluri Veera Brahmendiraswamy(Tamil )</b><br>Padma priya Publications, Tiruttani-631209(TN)  | <b>Aug, 2012</b> |
| 7. <b>Poems of Vemana (Tamil – Hindi)</b><br>Padma priya Publications, Tiruttani-631209(TN)           | <b>Dec, 2012</b> |

## Department of LAW

1. Name of the Department : LAW
2. Year of establishment : 1973
3. Is the Department part of a School/Faculty of the University? Yes, Faculty of Law
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : LL.B (3 Years)  
LLM with two Specializations:  
1) Constitutional Law      2) Criminal Law
5. Interdisciplinary programmes and departments involved: Environmental Law  
Give the programmes offered by the Department in which faculty of other Departments also participate in teaching.

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Environmental Law	NIL	NIL	
OE-2	Labour Law	NIL	NIL	

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : NIL
7. Details of programmes discontinued, if any, with reasons :No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
LLB: Semester system  
LLM: Semester with CBCS

9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1	English	English for Communication General English	30	20

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)  
Strictly adhere to the format (Details as on 30-06-2015)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	01	04
Associate Professor	03	01	-
Asst. Professor	06	03	01
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 5 Years
Dr.S.Seshaiah	M.L.Ph.D	Professor	Constitutional Law, Law and Social Transformation and Human Rights	30 Years	8
Dr.R.G.B.Bhagawath Kumar*	M.L.Ph.D	Professor	Criminal Law, Tax Laws	30 Years	
Dr.S.V.Pulla Reddy	M.L.Ph.D	Professor	Criminal Law	25 Years	8
Dr.J.VijayaKumar	M.Com, M.L, Ph.D.	Professor	Labour Law	25 Years	8
Dr.M.Sreeramulu	M.L,Ph.D	Asst. Professor	Constitutional Law, Legal Research Methodology	6 Years	

\*On deputation as Vice-Chancellor, A.P.Law University,Vishakapatnam

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :NIL

13. Percentage of classes taken by temporary faculty – programme-wise information

Year	Programme (UG/PG)	No. of temporary faculty engaged	Percentage of classes taken
2010-11	UG Practical Papers by Practicing Advocates for III LL.B	5 Guest Faculty 4 hours per week	10%
2011-12	UG Practical Papers by Practicing Advocates for III LL.B	5 Guest Faculty 4 hours per week	10%
2012-13	UG Practical Papers by Practicing Advocates for III LL.B	5 Guest Faculty 4 hours per week	10%
2013-14	UG Practical Papers by Practicing Advocates for III LL.B	5 Guest Faculty 4 hours per week	10%
2014-15	UG Practical Papers by Practicing Advocates for III LL.B	5 Guest Faculty 4 hours per week	10%

14. Programme-wise Student Teacher Ratio

Year	Programme (UG/PG)	Student-Teacher Ratio
2010-11	UG : LL.B	21:1
2011-12	UG : LL.B	21:1
2012-13	UG : LL.B	21:1
2013-14	UG : LL.B	21:1
2014-15	UG : LL.B	21:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sl. No.	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1	Junior Assistant	1	1	1
2	Attender	2	2	1
3	Sweeper	1	1	1

16. Research thrust areas as recognized by major funding agencies

Sl. No.	Research thrust area	Name(s) of the funding agency
1.	Human Rights, Criminal Law	UGC

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Give details of projects handled by the faculty members during 2010-15

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1	Prof.S.Seshaiah	Corporate Responsibility and Human Rights - -	UGC	(01/02/2011 to 31/01/2013)	5.86
2	Prof. S.V.Pulla Reddy-	TRIPS Agreement: Impact on pharmaceutical Production and prices	UGC	01/02/2011 to 31/01/2013	5.44

18. Inter-institutional collaborative projects and associated grants received :NIL

a) National collaboration                      b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: NIL

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies :NIL

22. Publications:

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:					



a)	National					
b)	International					3
2	Monographs					
3	Chapters in Books					
4	Edited Books					
5	Text/ Reference books					
6	Number listed in International Database					
7	Citation Index - range / average					
8	Impact Factor - range / average					1)Golden Research Thoughts - 3.4052 2)Indian Streams research Journal- 3.1560
9	h-index					

23. Details of patents and income generated : NIL
24. Areas of consultancy and income generated: NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: NIL
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) :

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof.S.V.Pulla Reddy			ANU Journal of Law	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1	Dr.M.Sreeramulu	Refresher Course Research Methodology	12-11-2014 to 2-12-2014 UGC -ASC - MANUU, Hyderabad

28. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects: NIL
  - percentage of students doing projects in collaboration with other universities / industry / institute: NIL
29. **Awards / recognitions received at the national and international level by**
- Faculty : NIL
  - Doctoral / post doctoral fellows :NIL
  - Students : NIL
30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	National Seminar on Law and Poverty	Prof. B. Hyder Vali	UGC	29 March 2012	Prof. Ravi Sekhar Raju Sastra University Tamil Nadu
2.	National Seminar on Death Penalty	Prof. J.Vijaya Kumar	UGC	29 March 2014	Hon'ble Justice K.G. Sankaran A.P.High Court
3	National Seminar on Challenges to Secularism	Prof. J.Vijaya Kumar	UGC	27 March 2015	Prof. K.Venkata Reddy Rtd

31. **Code of ethics for research followed by the department:**
- Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following (the list is only indicative, other things could be added) :
- Avoding duplicity in the selection of research problem
  - Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission from authors to use the information
  - Avoding plagiarism
  - Use of data collected from the respondents strictly for research purposse only

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11	Admissions Through APLAWCET	UG- 62	18	90%	100%
		PG- 14	6	85%	90%
2011-12		UG- 59	21	93%	87%
		PG- 13	7	98%	92%
2012-13		UG- 55	25	80%	85%
		PG- 16	4	96%	98%

**Sri Krishnadevaraya University, Ananthapuramu**

2013-14		UG- 61	19	90%	93%
		PG- 13	7	95%	96%
2014-15		UG- 62	18	89%	90%
		PG- 15	5	94%	89%
<b>Ph.D.</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>--</b>

**33. Diversity of students**

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
UG/ PG programme				
2010-11	100%	Nil	Nil	Nil
2011-12	100%	Nil	Nil	Nil
2012-13	100%	Nil	Nil	Nil
2013-14	100%	Nil	Nil	Nil
2014-15	100%	Nil	Nil	Nil
M.Phil.	-	-	-	-
Ph.D.	100%	Nil	Nil	Nil

**34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of Students</i>					
		<i>NET</i>	<i>SET</i>	<i>GATE</i>	<i>Civil services</i>	<i>State services</i>	<i>Other exam (specify)</i>
1.	2010-11	-	-	-	-	16	3 Junior Civil Judge
2.	2011-12	-	-	-	-	-	-
3.	2012-13	-	4	-	-	-	5 Junior Civil Judge
4.	2013-14	-	-	-	-	53 ,Panchayath Secretaries 39 ,Village Revenue/ Administrative Officers	6 Assistant Public Prosecutor
5.	2014-15	-	-	-	-	-	-

**35. Student progression**

Student progression should reflect the percentage of students (out of the total enrolled during the last 5 years) who are pursuing higher studies, entering into employment after completion of the course, and starting any business/ industry. The total should add up to 100.

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	10%
PG to M.Phil.	Nil
PG to Ph.D.	9%
Ph.D. to Post-Doctoral	1%
Employed	Nil
Campus selection	
Other than campus recruitment	20%
Entrepreneurs	10% Practice Law

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
<i>Of the same University</i>	100%
<i>From other universities within the State</i>	Nil
<i>From universities in other states</i>	Nil
<i>From universities outside the country</i>	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- a) Library : **General Library**
- b) Internet facilities for staff and students : **Available**
- c) Total number of class rooms : **6**
- d) Class rooms with ICT facility : **1**
- e) Students' laboratories : **1 (Computer Lab)**
- f) Research laboratories : **Nil**

**39. List of doctoral, post-doctoral students and Research Associates**

- a. from the host institution/University : 4
- b. from other institutions/universities : 2

<i>Sl. No</i>	<i>Name of the Candidate</i>	<i>Year of the Award Ph.D/PDF</i>
1.	Dr.G. Devadas	PDF (2009-13)
2.	Dhayananda Murthy	Ph.D (2011)
3.	Phani Raju	Ph.D (2012)
4.	G.Venkata Ravi	Ph.D (2012)
5.	Smt.Ghouthami	Ph.D (2012)
6.	G.Adinarayana	Ph.D(2013)

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1	2010-11		6	6	-	8
2	2011-12		6	7	-	7
3	2012-13		6	8	-	6
4	2013-14	6 Prathibha Awards)	7	7	-	6
5	2014-15	5 (Prathibha Awards)	6	6	-	8

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Not Applicable
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Through BoS meetings held annually and used for revising the curriculum
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Through IQAC and the feedback is used for improving teaching performance. There is also internal mechanism through informal discussions with the students, which is used for improving teaching performance.
  - alumni and employers on the programmes offered and how does the department utilize the feedback?  
The Department uses the feedback from the following to revise the curriculum at regular intervals:
    - 1) District Judge
    - 2) Senior Advocate from Anantapur Bar
    - 3) Principal , Private College.
43. List the distinguished alumni of the department (maximum 10)
- 1) Mr. N. Raghuveera Reddy Ex Minister , Govt. of A.P
  - 2) Mr. A.Venkata Rami Reddy Ex M.P.
  - 3) Prof. Y,P RamaSubbaiah , Acharya Nagarjuna University, Guntur, A.P.
  - 4) Prof. H.Rayappa, Bangalore University, Karnataka.
  - 5) Venkata Ramana Reddy : Sr. Civil Judge,Chitoor District
  - 6) P.Guru Prasad : Sr. Advocate,Anantapuramu
  - 7) Fazlullah Khan : Sr. Civil Judge,Kadiri,Anantapuramu
  - 8) Anwar Basha : Sr. Civil Judge,Adoni,Kurnool
  - 9) Narayana Naik : Jr.Civil Judge,Mahaboob Nagar District,TS.
  - 10) Anjaneyulu : Jr.Civil Judge,Kandukur,Prakasham District

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Prof. Ajjappa National Law School Bangalore	Prof. Md.Gouse Memorial Lectures
2.	2011-12	Prof.G.Hara Gopal University of Hyderabad  Prof. Ravi Sekhar Raju Sastra University,Tamil Nadu	Prof.Md.Gouse Memorial Lectures  National Seminar on Law and Poverty.
3.	2012-13	Prof. N.S. Soman P.G.Department of Law Chochin University, Chochin  Hon'ble Justice K.G. Sankaran A.P.High Court	Prof.Md.Gouse Memorial Lectures  National seminar on Death Penalty
4.	2013-14	Prof.T.V,Subba Rao National Law School Bangalore  Prof. K.Venkata Reddy Rtd	Prof. Md.Gouse Memorial Lectures  National seminar on Challenges to Secularism
5.	2014-15	Prof. I.Sarath Babu P.G.Department of Law, Karnataka University. Dharwad	Prof. Md.Gouse Memorial Lectures

45. List the teaching methods adopted by the faculty for different programmes:  
Lectures : **Case method**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1) Educational Tour    2) Assignments    3) Remedial Classes

47. Highlight the participation of students and faculty in extension activities.

The Department Conducted Eye Camp in Akuthota palli 14<sup>th</sup> April 2012 with Dr. Akbar Saheb.  
The Department Students participated in Blood Donation Camp at SKU Auditorium on 06-12-2013.  
the Department Conducted Legal literacy Camp at Chinnakunta Vilge on 05 April 2014  
Participated in Clean and Green activity under Swacha Bharat 14 April 2015

48. Give details of “beyond syllabus scholarly activities” of the department.  
The Department Conducted National Law Day Celebrations every Year 26<sup>th</sup> November.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.: NIL

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

- 1) Experienced Faculty Members
- 2) Well Equipped Library
- 3) Computer Lab with Net Speciality
- 4) Sufficient Infrastructure
- 5) Free Legal Aid and Legal Literacy Camps

**Weaknesses**

- 1) Shortage of Faculty
- 2) No Mook Court Hall
- 3) No Separate Seminar Hall

**Opportunities**

1. Potential for Research
2. Integrated course

**Challenges**

1. Shortage of Faculty
2. Shortage of Funds
3. Inadequate Infrastructure

52. Future plans of the department:

1. Set up Human Rights & IPRS Centre
2. On-Line Legal education programme
3. Introduction of 5 Years Law Integrated Course.
4. Introduction of Legal Counselling and Legal Consultancy centre
5. Placement Cell
6. Expansion of Computer Lab.
7. Coaching Classes for Judicial Officers & Assistant Public Prosecutors Examinations

**Annexure-1: List of Publications by the Faculty of Law**

<b>Author(s)</b>	<b>Title of the Paper</b>	<b>Journal/Book</b>	<b>Volume Number</b>	<b>Pages</b>	<b>Year</b>	<b>Impact Factor</b>
S.V. Pulla Reddy	Regulations for collection, storage and supply of blood: A critique	Supreme Court Journal	SCJ 62	62	2011	
S.V. Pulla Reddy	Meaning of consumer of pharmaceutical products: The need for a wider protective net	Current Tamil Nadu Cases	CTC 97	97	2011	
S.V. Pulla Reddy	The Need for Adequate Legal Protection to Consumers of Pharmaceuticals	Acharya Nagarjuna University Journal of Law	Vol. 1	23-27	2011	
S.Seshaiah	The Right of Children to Free and Compulsory Education, Act 2009 (RTE): A Boon or Bane	<i>The International Journal of Humanities and Social Studies</i>	3(5)	58-64.	May' 2015	0.981
M.Sreeramulu	The Right of Children to Free and Compulsory Education, Act 2009 (RTE): A Boon or Bane	<i>The International Journal of Humanities and Social Studies</i>	3(5)	58-64.	May' 2015	0.981
M.Sreeramulu	Constitution-Privatization in new Industrial Policy.	<i>International Multidisciplinary Research Journal, Golden Research Thoughts</i>	4(11)	1-10	May' 2015	3.40
M.Sreeramulu	Problems & Perspectives of Right to Education and Judicial response	<i>International Multidisciplinary Research Journal, Indian Streams Research Journal</i>	5(5)	1-7	June' 2015	3.15



## Department of Biochemistry

1. Name of the Department : **Biochemistry**
2. Year of establishment : **1985**
3. Is the Department part of a School/Faculty of the University?  
**Yes, Faculty of Life Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

**M.Sc. Biochemistry,  
M.Phil. and Ph.D. in Biochemistry**

5. Interdisciplinary programmes and departments involved
  - i). Department involved in teaching (Tools & techniques, Cell Biology, Molecular Biology and Bioinformatics) to PG students of departments of Biotechnology, Botany, Microbiology, Sericulture & Zoology as part of common core syllabus (2009 - 2011)
  - ii) Faculty of Statistics department are involved in teaching Biostatistics to M.Sc. Biochemistry students during 2010-13
  - iii). Under Choice Based Credit System (2013 - till date) Dept. offers two papers as Open elective (OE) to PG students other than MSc Biochemistry

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	BC-204 Biomolecules and instrumental methods	5	1	❖ Chemistry
		3	-	❖ Microbiology
		-	1	❖ Polymer science
		4	-	❖ Zoology.
OE-2	BC-304 Nutrition, Nutritional disorders and functional foods	7	-	❖ Biotechnology
		4	-	❖ Botany
		9	-	❖ Chemistry
		5	-	❖ Microbiology
		5	-	❖ Polymer sciences
		2	-	❖ Zoology.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
: **Nil**
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Semester with Choice Based Credit System**

9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1. 204	❖ Biotechnology	Biotechnology Sustainable development Plants and	-	5
	❖ Botany	Human Welfare	4	-
	❖ Chemistry	Chemistry of Biological process	4	-
	❖ Zoology	Developmental Biology	4	5
2. 304	❖ Biotechnology	Environmental Biotechnology	4	8
	❖ Botany	Principles of stress biology	-	2
	❖ Chemistry	Environmental chemistry	4	-
	❖ Zoology	Aquaculture	4	-

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

Strictly adhere to the format (Details as on 30-06-2015)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	04
Associate Professor	02	01	-
Asst. Professor	03	04*	02
Others	-	-	-

\* One post filled against total posts sanctioned to the University.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name of the Candidate	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D/M. Phil students guided in the last 5
1.Dr. D. Sarala Kumari	MSc, M. Phil, PhD.	Professor	Metabolic Disorders & Treatment	30	08/02
2. Dr. K. Lakshmi devi	MSc, M. Phil, PhD.	Professor	Cardiovascular Diseases & Treatment	26	03/02

3. Dr. N.Ch. Varada charyulu	MSc, M. Phil, PhD.	Professor	Membrane Bio-chemistry & Alcohol Xeno Biotics Therapeutics	26	03/07
4. Dr. C. Suresh Kumar	MSc, M. Phil, PhD.	Professor	Bioinformatics, Drug designing&	26	11/02
5. Dr. Narendra Maddu	M. Sc, M. Phil, PhD.	Assistant Professor	Toxicology	6	---
6. Dr. Pakala Suresh Babu	MSc, Ph. D.	Assistant Professor	Cancer & co-regulatory biology, Cell and Molecular Biology	Appointed on 1st May 2014 under UGC FRP with 7 Years of Postdoctoral experience	---

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : Nil
13. Percentage of classes taken by temporary faculty- programme-wise information : Nil
14. Programme-wise Student Teacher Ratio  
Confine to UG/PG programmes only

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG- Biochemistry	6:1
2011-12	PG- Biochemistry	6:1
2012-13	PG- Biochemistry	6:1
2013-14	PG- Biochemistry	5:1
2014-15	PG- Biochemistry	4:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Junior assistant	1	1	1
2	Record assistant	1	-	-
3	Attender	1	1	1

16. Research thrust areas as recognized by major funding agencies

Sl. No.	Research thrust area	Name(s) of the funding agency
1.	Medicinal and clinical Biochemistry, Membrane Biochemistry, Toxicology, Cancer and Cell Biology, Bioinformatics & Drug designing.	UGC, DST and DBT

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration	Grants Received (Rs. Lakhs)
1.	Prof. D. Sarala Kumari	UGC - New Delhi	Evaluation of therapeutic efficacy of <i>Phyllanthus amarus</i> in diabetes mellitus using Streptozotocin induced diabetic and fructose fed insulin resistant rats as models	2011-15	13.58
2.	Prof. K. Lakshmi Devi	UGC - New Delhi	Protective effect of <i>Myristica frageans</i> against isoproterenol induced myocardial infarction in rats	2009-12	8.94
3.	Prof. N.Ch.Varada charyulu	UGC- New Delhi	Studies on the effect of <i>Emblica officinalis</i> fruit extract administration on Red cells, and Mitochondrial membranes of alcohol receiving Rats	2011-14	11.45
4.	Prof.C.Suresh Kumar	UGC- New Delhi	Homology modeling, Molecular docking and dynamics studies of D-alanine, D-alanine ligase enzyme of <i>M. tuberculosis</i> ñ A potential protein target for anti-tuberculosis drug design	2008-11	9.85
5.	Prof. C.Suresh Kumar	DBT	Bioinformatics Infrastructure facility (BIF)	2008-13	38.00
6.	Prof. C. Suresh Kumar	UGC New-Delhi UGC Startup Grant	Molecular Studies on Evaluation of Resveratrol Analogs as Anticancer drugs	2013-16	14.21

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7.	Dr. Pakala Suresh Babu	SERB-DST	Targeting metastasis-associated protein 1 (MTA1) modulated histone modifications in triple negative breast cancer (TNBC)	2014-17	23.00
		UGC Startup Grant		2015-16	6.00

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration                      b) International collaboration

**Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: **Nil**

20. Research facility / centre with recognition at:

Sl. No.	Name of the Research facility / centre	Agencies recognising the facility/ centre	State/National/ International
1.	DBT - Bio-informatics Infrastructure facility (BIF).	DBT	National level

21. Special research laboratories sponsored by / created by industry or corporate bodies : **Nil**

22. Publications: (details vide Annexure-1)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15	2015
1	Number of papers published in peer reviewed journals:	48	23	27	18	23	
a)	National	01	-	-	02	01	-
b)	International	47	23	27	16	22	
2	Monographs	-					
3	Chapters in Books						
4	Edited Books						
5	Text/ Reference books						
6	Number listed in International Database	120					
7	Citation Index total / range / average	2700/ 65 to 1039 /450					
8	SNIP	--					
9	SJR	--					
10	Impact Factor total/ range / average	319.5/ 0.3 to 12.003/ 53.24					
11	h-index total/ range/ Average	73/ 4 to 15/ 14.6					

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. C. Suresh Kumar serving as an Assistant Editor	Association of Biotechnology & Pharmacy		Pharmacy current trends in Biotechnology and pharmacy	Present
2.	Dr. M. Narendra			Chemosphere, Environmental Toxicology and Pharmacology, Archives of Toxicology	Present
3.	Dr. P. Suresh Babu			ADHOC reviewer for Cancer Research, Cancer Investigation, Molecular and Cellular Biochemistry, International Journal of Cancer	Present

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	<b>Dr. M. Narendra Assistant Professor</b>	Third Teacher/Researcher Training Workshop in Biological Sciences at Indian Institute of Science, Bangalore,  Advanced School on Biomedical Nanotechnology, organized by SASTRA University, Thanjavur, sponsored by DST India.	<b>May 02-25, 2011.</b>  <b>March 25-29, 2013.</b>

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects: **100% - 2013-15 batch**
  - percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**
29. Awards / recognitions received at the national and international level by
- Faculty
  - Doctoral / post doctoral fellows
  - Students

**Faculty:**

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	<b>Prof. C. Suresh Kumar</b>	UGC one time grant	UGC-BSR	10 <sup>th</sup> December 2014
2.	<b>Dr. Narendra Maddu</b>	DST IIPA UGC	DST-Visiting Scientist (Japan)  DST Visiting scientist and deputation in 11 <sup>th</sup> Foundation Training Programme Scientists & Technologists, New Delhi. <b>Research Award,</b> Full Salary with all allowances 3laksh Cash prize and yearly one time foreign visit.	22 <sup>nd</sup> to 29 <sup>th</sup> Sep- 2012.  14 <sup>th</sup> Nov 2011 to 3 <sup>rd</sup> Feb 2012  <b>2016-2018.</b>
3.	<b>Dr. Pakala Suresh Babu</b>	George Washington University, Washington, D. C.  DST  DST  UGC	Post doctoral fellowship from the Department of Biochemistry and Molecular Biology, School of Medicine and Health Sciences.  SERB-DST-Young Scientist- 2014 (SERB/LS- 96/2014)  Ramanujan Fellowship Awardee- 2015. Startup Grant	2009-13,  2014  2015  2015

**Doctoral students:**

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	Dr. V. Damodar Reddy	DST-SERB Young Scientist	DST	13 <sup>th</sup> May 2014
2.	Dr. P. Padmavathi	DST-SERB Young Scientist	DST	13 <sup>th</sup> May 2014

3.	Dr. V. Damodar Reddy	The Ramanujan Fellowship	DST	09/01/2015
4.	Dr. S.Althaf Hussain	Assistant Professor	King Saudi University, Saudi Arabia	2012
5.	Dr. B.Babajan	Assistant Professor	King Abdullaziz University, Saudi Arabia	2013
6.	Dr. S.Abdul Kareem	Assistant Professor	IGNOU, New Delhi	2010
7.	Dr. Saayi Krushna	Post doctoral	Pritzker School of Medicine, University of Chigago, Chigago-60637, USA	2010
8.	Dr. R.Karuna	Post Doctoral Fellow	Nebraska University, USA	2010
9.	Dr Sreenivasa Redy	Research Associate (ICMR-PDF)	NIN, Hyderabad	2010
10.	Dr. G.Kavitha	Kothari fellowship	Osmania University	2011

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<b>Sl. No .</b>	<b>Name of the Seminar/ Conference/ Workshop organized</b>	<b>Name of the Director/ Co-Director</b>	<b>Funding Agency</b>	<b>Dates</b>	<b>Names of outstanding participants</b>
1.	National Workshop on Basic Aspects in Bioinformatics	<b>Prof. C. Suresh Kumar</b>	DBT and UGC, New Delhi	19 <sup>th</sup> , 20 <sup>th</sup> March, 2011	
2.	Biological Sequence Annotations Through Computational Biology	<b>Prof. C. Suresh Kumar</b>	DBT and UGC, New Delhi	8 <sup>th</sup> -9 <sup>th</sup> , March, 2013	
3.	National Workshop on Sequence Annotations and Molecular Modeling of Cancer Targeted Proteins	<b>Prof. C. Suresh Kumar</b>	DBT and UGC, New Delhi	27 <sup>th</sup> -28 <sup>th</sup> , March, 2015	

31. **Code of ethics for research followed by the departments**

- Animal ethical clearance obtained (CPCSEA) (Regd. No. 470/01/a/CPCSEA, dt. 24<sup>th</sup> August 2001).
- Plagiarism checking of research works done before submission
- Avoiding duplicity in selection of research problems
- Acknowledgment of the sources including websites in the references



32. **Student profile programme-wise:**  
Give the details year-wise for each UG/PG programme separately. For M.Phil./ Ph.D. programmes, give the details of admissions during 2010-15 on aggregate basis.

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11		08	09	100%	100%
2011-12		07	11	100%	100%
2012-13		08	10	100%	100%
2013-14		07	11	85%	100%
2014-15		05	09	---	---
M. Phil.		04	03	---	---
Ph.D.		12	06	---	---

33. **Diversity of students**

Name of the Programme	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG programme				
2010-11	90	10	-	-
2011-12	90	10	-	-
2012-13	80	20	-	-
2013-14	80	20	-	-
2014-15	80	20	-	-
M.Phil.	80	20	-	-
Ph.D.	70	20	10	-

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	02	02	04	-	-	-
2.	2011-12	-	04	-	-	-	-
3.	2012-13	01	01	01	-	-	-
4.	2013-14	-	02	01	-	-	-
5.	2014-15	-	-	-	-	-	-

35. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	-
PG to M.Phil.	5%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	40%
Employed	
Campus selection	
Other than campus recruitment	PG - 65%
Entrepreneurs	-

36. **Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	67%
From other universities within the State	33%
From universities in other states	-
From universities outside the country	-

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil**

38. **Present details of departmental infrastructural facilities with regard to**

- a) Library : **Available**
- b) Internet facilities for staff and students : **Available**
- c) Total number of class rooms : **Two**
- d) Class rooms with ICT facility : **Available**
- e) Students' laboratories : **Two**
- f) Research laboratories : **Four**

39. **List of doctoral, post-doctoral students and Research Associates**

a. **from the host institution/University**

<i>Sl. No</i>	<i>Research scholar</i>	<i>Details of the Fellowship</i>	<i>Status</i>
1.	B. Babajan	UGC-JRF/CSIR-SRF	Completed
2.	P. Mallaiah	UGC-BSR-JRF	Completed
3.	S. Althafhussain	UGC-BSR-JRF	Completed
4.	K. Bheemeswraiah	Non stipendiary	Doing
5.	SBM. Rahmathulla	Non stipendiary	Doing
6.	B. Saradamma(W)	UGC-BSR-JRF	Completed
7.	C. Rajasekhar	UGC-BSR-JRF	Completed
8.	V. Leela Shivaranjani (W)	DST- INSPIRE	Doing
9.	K. Swarnalatha	DST- INSPIRE	Doing
10.	H. Poornima(W)	DST- INSPIRE	Doing
11.	C. Srinivasulu	ICMR-JRF	Doing
12.	B.Sasi Bhusana Rao	UGC-JRF	Doing
13.	B. Srinivasulu	UGC-JRF	Doing
14.	S. Manjunatha	Non stipendiary	Doing

15.	M. Jagadeesh Kumar	Non stipendiary	Doing
16.	M. Shakeela Begum	Non stipendiary	Doing
17.	S. Fareedha Begum(W)	ICMR-JRF	Doing
18.	B. Bhuvaneswari (W)	UGC-JRF	Doing
19.	G. Sudhakara	UGC-RGNF	Completed
20.	B. Ramu	Non stipendiary	Doing
21.	M.V. Krishna Murthy	Non stipendiary	Doing
22.	J. Uma Maheswari	Non stipendiary	Doing
23.	M. Yogeswara Reddy	Part-Time	Doing
24.	R. Purusotham	Part-Time	Doing
25.	S. Nizamuddin Basha	Part-Time	Completed
26.	D. Julieta(W)	Part-Time	Completed
27.	N. Srinivasulu	Part-Time	Doing
28.	P. Yogi Prasad	Part-Time	Doing
29.	P. Jyothi(W)	Part-Time	Doing
30.	H. Anandvardhan	Part-Time	Completed
31.	M. Suryanarayana Charyulu	Part-Time	Doing
32.	R.V. Hymavathy(W)	Part-Time	Doing
33.	A. Swathi Padmasree(W)	Part-Time	Doing
34.	R. Balavenkateswarlu	Part-Time	Doing
35.	S. Shameela (W)	Part-Time	Doing
36.	C. Nagaraju	Non stipendiary	Doing

**Post-doctoral students and Research Associates**

• 01	Dr. G. Sudhakara	UGC-PDF	Doing
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**b) from other institutions/ universities**

<i>Sl. No</i>	<i>Research scholar</i>	<i>Details of the Fellowship</i>	<i>Status</i>
1.	M. Chaithanya	CSIR-SRF	Completed
2.	S. Saisree	DST- INSPIRE	Doing
3.	R. Manohar Srinivas Naik	Non stipendiary	Doing
4.	T. Lokesh	Non stipendiary	Doing
5.	E.Maruthi Prasad	Non stipendiary	Doing
6.	D. SaiMangala	Part-Time	Completed
7.	K.R. Dasegowda	Part-Time	Doing
8.	K. Subramanyam	Part-Time	Doing
9.	K. Krishna Murthy	Part-Time	Doing

**Post-doctoral students and Research Associates**

1	Dr. G. Suresh	Dr.S. Kotari-PDF	Doing
2	Dr. P. Madhusudhan	BIF-RA	Doing

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	04	02/01	11	-	-
2.	2011-12	09	02/01	07	-	-
3.	2012-13	01	02/01	07	-	-
4.	2013-14	03	04/01	05	-	-
5.	2014-15	01	03/01	07	-	-

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

**Not Applicable**

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Specify the transactions in internal and external BOS meetings  
The curriculum content are received
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
**YES: Considering proactively in improving teaching-learning-evaluation processes**
  - alumni and employers on the programmes offered and how does the department utilize the feedback?  
**YES: Utilizes in updating the course content and improving the Standards of the courses**

43. List the distinguished alumni of the department (maximum 10)
- Chandrasekhar Kanduri , Professor, Dept. of Medical Genetics,  
University of Gothenburg, Goteborg-Sweden.  
(kanduri.chandrasekhar@gu.se,  
Phone: +46 31 7866928)
  - D. Karunakaran, Professor, Dept. of Biotechnology, IIT- Chennai.
  - S. Khajamohiddin, Senior Lecturer, Central University of technology, South Africa
  - Dr. Abhiman Saraswathi, Computational Biologist at Dupont  
Knowledge Center, Hyderabad Area , India.
  - Dr. N. Nagaraju & M.V.V. Brmhachari, Senior Scientists at, Dupont  
knowledge Center USA
  - Dr. Abdul Kareem, Assistant Professor School of Life Sciences, IGNOU, New Delhi.
    - Dr. M. Bramhanandam, Associate Professor, School of Life Sciences, Central University, Hyderabad.
    - Dr. S.V. Naresh babu, Associate Professor, School of Life Sciences, Central University, Hyderabad.
    - Dr. K. Srinivasulu , Associate Professor, School of Life Sciences, Central University, Hyderabad.

- vii. Dr.B.Babajan, Asst. Professor,King Abdullaziz University, zeddah, Saudi Arabia.
- viii. Dr. Althaf Hussain, Asst. Professor,King saudi University, Saudi
- ix. Dr. V. Kumar, Associate Professor, Kuvempu University, Dawanageri-Karnataka

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**Workshop organized**

<i>Sl. No.</i>	<i>Program Title</i>	<i>Organizing Secretary</i>	<i>Year</i>	<i>Sponsoring</i>
1.	National Workshop on Basic Aspects in Bioinformatics	<b>Prof. C. Suresh Kumar</b>	19 <sup>th</sup> – 20 <sup>th</sup> March, 2011	DBT and UGC, New Delhi
2.	Biological Sequence Annotations Through Comutational Biology	<b>Prof. C. Suresh Kumar</b>	8-9 <sup>th</sup> March, 2013	DBT and UGC, New Delhi
3.	National Workshop Sequence Annotations and Molecular Modeling of Cancer Targeted Proteins	<b>Prof. Chitta Suresh Kumar and Dr. CM. Anuradha</b>	27 <sup>th</sup> -28 <sup>th</sup> , March 2015	DBT and UGC, New Delhi

45. List the teaching methods adopted by the faculty for different programmes.
- Blackboard and chalk teaching
  - Charts and models
  - OHP – Transparencies
  - Power point presentation
  - Group discussions
  - Computer simulations
  - Practicals
  - Demonstration
  - Project works
  - e-learning etc.,
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Through seminars,
  - Internal assessments and feedback
47. Highlight the participation of students and faculty in extension activities.
- Creating awareness among people of surrounding villages regarding the toxic effects and management of addictions, malnutrition, diabetes, metabolic disorders, hypertension, myocardial infractions, anaemia, agro farming and cultivation of medicinal plants.

- Participation of Faculty & Students in the University Annual celebrations like Science day, youth festival, Women's day, Sports day etc.,.
  - Maintaining the cleanliness of the department by Clean and green programmes.
  - Training the students at different levels in organization of Seminars/Workshops/Conferences.
  - Faculty act as mentors for general seminars and assignments given to PG Students.
  - Training the Students/ Research students in specific areas to help them in presentation/preparation of research papers in National/International seminars/Journals.
  - Apart from teaching & research faculty have the responsibility in fulfilling of various activities of University both at academic and administrative level.
48. Give details of "beyond syllabus scholarly activities" of the department.
- a. World Heart day, 29<sup>th</sup> sep' 2015. (Departmental Seminar was conducted on Cardiovascular diseases)
  - b. World diabetes day, 14<sup>th</sup> Nov' 2014. (Departmental Seminar was conducted on the diabetes)
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research activities of the department are contributing to generate new knowledge related to the development of novel herbal treatments to various disorders and diseases like Diabetes, Cardiovascular diseases, Bioinformatics, Cancer, Metabolic syndrome, Toxic effects of Alcohols etc.,

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

- Out of the six faculty members four of them are having more than 25 years of teaching experience and recently joined two assistant professors are having Post Doctorial experience in advanced fields of Biochemistry from well Known laboratories of the Country and Abroad.
- The periodically updated curriculum of MSc and Research programmes involving a Senior Scientist from Industry as one of the experts in the Board of Studies, is catering the diverse needs like connecting the University to community and industrial demands , promoting research interest and employment opportunities.
- Individual projects by the faculty.
- Thrust areas of Research of the Faculty included diverse fields of Human health related biochemical aspects.
- Faculty are recognized nationally and internationally as indicated by their publications, citation indices and H-indices.

**Weaknesses**

- Deprived of Central instrumentation facility.
- Scarcity of water and lack of continuous supply of electricity.
- Inadequate financial assistance, infrastructure and laboratory facilities for M.Sc., practical and Research programmes.
- The quality/ standard of the students coming to PG course is not upto the mark – since majority of the meritorious students are not opting biology at 10+2 level.
- Difficulty in maintenance of the existing instruments in working condition due to lack of allocation of funds for AMC.

**Opportunities**

- The designed curriculum of P.G. Students is suitable to get through national level competitive exams, to entry in to research programmes/diverse fields of employment.
- Good opportunities for doctoral students to go for Post doctoral studies in globally reputed research laboratories, and to get employment in reputed institutions.
- Availability of medicinal plant flora & Ayurvedic knowledge is an opportunity to carryout research in herbal drug remedy studies.
- Availability of internet facility for all faculty and students & maintenance of good departmental library.

**Challenges**

- Toxicology, Cancer biology, metabolic disorders (Diabetes, Obesity & Cardiovascular diseases), Drug-targeting, Bioinformatics & computational annotation -Therapeutic studies are challenging task before Faculty and Research Scholars.

**52. Future plans of the department.**

- To apply for DST-FIST level-II (As required number of teaching Faculty is available from May, 2014)
- To establish Animal Cell culture, Genomics and Proteomics, Radioisotope Laboratories.
- To get more extramural research funding through projects.
- To enhance the academic and research standards and Infrastructure facilities.
- To improve extension activities by conducting Biochemical and clinical diagnostic camps, science awareness programmes and health awareness programmes.



Annexure-I: Details of Publications

2010

1. Karuna Resineni, Ramesh Bellamkonda, Sreenivasa Reddy Singareddy, Saralakumari Desireddy. Antihyperglycemic activity of *Catharanthus roses* leaf powder in Streptozotocin induced diabetic rats. Pharmacognosy Research 2010: Vol.2(3):195-201. C.I-35
2. Kondeti Subramanyam, K. V. Sailaja, Kona Subramanyam, D. Muralidhara Rao, K. Lakshmidhevi. Ectopic expression of an osmotin gene leads to enhanced salt tolerance in transgenic chilli pepper (*Capsicum annum* L.) *Plant Cell Tiss Organ Cult.* 2010, 105, 181-192. I.F- 3.633, C.I-26
3. Paramahamsa, M. and Varadacharyulu N.Ch. Smoking-induced alterations in platelet membrane fluidity and Na<sup>+</sup>/K<sup>+</sup>-ATPase activity in chronic alcoholics. *Mol. Cell. Biochem.* 2010, 339; 35-42. I.F-2.168, C.I-12.
4. Padmavathi, P., Damodara Reddy, V., Kavitha, G., Paramahamsa, M. and Varadacharyulu, N.Ch. Chronic cigarette smoking alters erythrocyte membrane lipid composition and properties in male human volunteers.. *Nitric oxide*, 2010, 1; 23(3):181-6. I.F - 2.739, C.I-14.
5. Padmavathi, P., Damodara Reddy, V., Paramahamsa, M. and Varadacharyulu N.Ch. (2010). Smoking-induced alterations in platelet membrane fluidity and Na<sup>+</sup>/K<sup>+</sup>-ATPase activity in chronic cigarette smokers. *J Atheroscler Thromb.* 17, 1-9. I.F-2.293, C.I-25
6. V Damodara Reddy, P Padmavathia, M Paramahamsa and N C Varadacharyulu. Amelioration of alcohol-induced oxidative stress by *Emblica ficinalis* (Amla) in rats. *Indian Journal of Biochemistry & Biophysics, Indian Journal of Biochemistry & Biophysics*, 2010, Vol. 47. I.F- 1.077, C.I- 16.
7. V. Damodara Reddy, P. Padmavathi, S. Gopi M. Paramahamsa, N. Ch. Varadacharyulu. Protective Effect of *Emblica officinalis* Against Alcohol-Induced Hepatic Injury by Ameliorating Oxidative Stress in Rats, *Ind J Clin Biochem.* 2010, 25(4):419-424, C.I-11
8. G. Kavitha, V. Damodara Reddy, P. Padmavathi, N.Ch. Varadacharyulu. Association between plasma glucose and glycoproteins in alcoholic smokers compared to alcoholics and totalers Diabetes & Metabolic Syndrome: Clinical Research & Reviews 2010; 4, 155-159. C.I-1.
9. Hindustan Abdul Ahad, Chitta Suresh Kumar, Anil Kumar B, Amarnath Reddy B, Chandra Shekar A, Vidya Sagar NR, Gangadhar Permeation studies of Diclofenac sodium from *Ficus carica* fruit mucilage matrices for transdermal Delivery *Int.J.Chem Tech Res*, 2010; 2(2) pp 937-941.
10. Hindustan Abdul Ahad, Chitta Suresh Kumar, Anil Kumar B, Amarnath Reddy B, Chandra Shekar A, Rama Krishna.G, Vamsimohan G, Permeation studies of Diclofenac sodium from *Ficus carica* fruit mucilage matrices for transdermal Delivery, *Int.J.Pharm Tech Res*, 2010; 2(2), 1013-1017. C.I-3
11. Hindustan Abdul Ahad, Chitta Suresh Kumar, Anil Kumar B, Amarnath Reddy B, Chandra Shekar A, Ravindra BV, Lakshmi Venkatnath S, Development and in Vitro Evaluation of Glibenclamide Aloe barbadensis Miller leaves Mucilage Controlled Release Matrix Tablets, *Int.J.Pharm Tech Res*, 2010; 2(2), 1018-1021.
12. Hindustan Abdul Ahad Chitta Suresh Kumar, Designing and Evaluation of Glibenclamide *Azadirachta indica* Mucilage Based Controlled Release Matrix Tablets, *Der Pharmacia Lettre*, 2010: 2 (1), 117-121.



13. Hindustan Abdul Ahad Chitta Suresh Kumar, Formulation and In-vitro Evaluation of Once-Daily Sustained- Release Matrix Tablets of Glipizide, Der Pharmacia Lettre, 2010;2 (1), 265-274.
14. Hindustan Abdul Ahad Chitta Suresh Kumar, Fabrication and Characterization of Diclofenac Sodium Hibiscus rosa-sinensis leaves Mucilage Sustained Release Matrix Tablets, Der Pharmacia Lettre, 2010;2 (1), 452-456. C.I-2.
15. Hindustan Abdul Ahad Chitta Suresh Kumar, Snake Bites- a note for everyone, J. Of Innovative Trends In Pham. Sci 2010, Vol.1 (1), 24-28.
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17. Hindustan Abdul Ahad, Chitta Suresh Kumar, Formulation and Evaluation of Once-Daily Sustained Release Aceclofenac Prosopis cumanaensis gum Matrix Tablets, J. Of Innovative Trends In Pham. Sci 2010, Vol.1 (1), 53-63.
18. Hindustan Abdul Ahad, Chitta Suresh Kumar, Traditional Indian Herbs Used For Diabetes, J. Of Innovative Trends In Pham. Sci 2010, Vol.1 (2), 69-78.
19. Hindustan Abdul Ahad, Chitta Suresh Kumar, Fabrication and in-vitro evaluation of Diltiazem Hydrochloride-Ficus glomerata Fruit Mucilage Transdermal Patches, J. Of Innovative Trends In Pham. Sci 2010, Vol.1 (2), 86-97.
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27. Hindustan Abdul Ahad, Chitta Suresh Kumar, Fabrication and evaluation of Glipizide Aloe barbadensis miller leaf mucilage Povidone controlled release matrix tablets, Journal of Pharmacy research 2010, 3(7), 1569-1572.
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29. Hindustan Abdul Ahad Chitta Suresh Kumar, Novel approach in formulation and evaluation of mouth dissolving tablets of Ondansetron hydrochloride, International Journal of Applied Biology and Pharmaceutical Technology, Volume: I: Issue-2: Aug-Oct -2010, 582-588. C.I-12
30. Hindustan Abdul Ahad Chitta Suresh Kumar, dual acting oral floating matrix tablets of ranitidine Hydrochloride, International Journal of Applied Biology and Pharmaceutical Technology, Volume: I: Issue-2: Aug-Oct -2010, 582-588, 602-608.

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33. Hindustan Abdul Ahad, Chitta Suresh Kumar, Kishore Kumar Reddy B, Chandrasekhar A, Ravindra BV, Sasidhar CGS, Harika B, Srilatha V, Designing and in-vitro Evaluation of Gliclazide Azadirachta indica Fruit Mucilage Povidone Sustained Release Matrix Tablets, Journal of Pharmacy Research, 2010 , 2 (1), 117-121,I.F-2.667,C.I-2.
34. Sunil K Manna, Julie S Bose, Vijay Gangan, Nune Raviprakash, Thota Navneetha,, Pongali B Raghavendra, Banaganapalli Babajan, Chitta S Kumar and Swatantra K Jain. Novel derivative of benzofuran induces cell death mostly by G2/M cell cycle arrest through p53-dependent pathway but partially by inhibition of NF- $\kappa$ B.JBC paper in press, 101074.jbc.110.131797.I.F-7.251,I.F-5.328, C.I-23.
35. MP Palthur, SSS Palthur, SK Chitta, Nutraceuticals: Concept and Regulatory Scenario.
36. International Journal of Pharmacy and Pharmaceutical Sciences,2010, C.I-16.
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- C Ramesha, SS Kumari, CM Anuradha, H Lakshmi, CS Kumar, Nutrigenomic analysis of mulberry silkworm (Bombyx mori L.) strains using polymerase chain reaction-simple sequence repeats (PCR-SSR). International Journal of Biotechnology and Molecular Biology Research, 2010,1(7), pp 92-100. C.I-1.
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### **PUBLICATIONS- 2011**

- 1 **Saralakumari**, karuna rasineni, preventive effect of catharanthus roseus (linn) against high fructose diet-induced insulin resistance and oxidative stress in male wistar rats, *journal of diabetes mellitus* vol1, no.3,63-70(2011). **C.I-7**
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- 11 Ahad, Hindustan Abdul; Kumar, Chitta Suresh; Kishore Kumar Reddy, B.; Ravindra, B. V.; Srilatha, V.; Sasidhar, C. G. S.; Leela Lakshmi, V.; Chandana Rekha, V. Novel Approach in Formulation and Evaluation of Mouth Dissolving Tablets of Domperidone. *Journal of Pharmacy Research* 4 (1) p130, **I.F-2.667, C.I-5**.
- 12 **CS Kumar**, KK Reddy-Budideti, SP Battula, CS Ayyavala. Formulation and evaluation of Ficus glomerata mucilage sustained release matrix tablets of gliclazide. *Pakistan journal of pharmaceutical sciences* 24 (3), 399-399, **I.F-1.103, C.I-2**.
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#### PUBLICATIONS - 2012

1. Jyothi P and **Saralakumari D.** Central nervous system protection by *Catharanthus roseus* leaf extract in streptozotocin induced diabetes in rats brain. Journal of Pharmacognosy, ISSN: 0976-884X & E-ISSN: 0976-8858, Volume 3, Issue 2, 2012, pp.63-66. **C.I-4**
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15. Andallu Bondada, Vinay Kumar Allagadda Venkata & **Varadacharyulu Nallanchakravarthula.** Influence of mulberry (*Morus indica* L.) leaves on antioxidants and antioxidant enzymes in STZ-diabetic rats. **Int J Diabetes Dev Ctries 2014, 34/2, 69-76.I.F-0.45.**
16. Molecular modelling and docking studies of O-succinylbenzoate synthase of *M.tuberculosis* - a potential target for anti-tuberculosis drug design.. Madhusudana.P, Babajan B, Chaitanya M, **Chitta Suresh kumar\***, Anuradha C.M: Applied biochemistry and biotechnology. **2014**, 172/3, 1407-1432. **IF 1.9.**
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**PUBLICATIONS – 2015**

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- 3 A. Harinathareddy, N.B.L. Prasad, **K. Lakshmi Devi**. Risk Mitigation methods on the removal of pesticide residues in grapes fruits for food safety. **RJPBCS**, 2015; 6(5):1568-72. Impact factor: 0.35
- 4 Pannuru Padmavathi, Vaddi Damodara Reddy, Kodidela Swarnalatha, Reddyvari Hymavathi, **N Ch. Varadacharyulu**, Synthesis, spectroscopic studies of novel N-substituted phthalimides and evaluation of their antibacterial, antioxidant, DNA binding and molecular docking studies. **Bangladesh Journal of pharmacology**, 2015, 10(3) 703-713 Impact factor:1.0
- 5 **Narendra Maddu** and Pongali B raghavendra, Review: Lithium effect on immune cells. **Immunopharmacology and Immunotoxicology**, 2015, 37(2) 111-125 I F 1.203

## Department of Biotechnology

1. Name of the Department : Biotechnology
2. Year of establishment : 1998
3. Is the Department part of a School/Faculty of the University? :  
Yes, Faculty of Life Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG, M.Phil. and Ph.D. in Biotechnology
5. Interdisciplinary programmes and departments involved:

Statistics Faculty from the University teaches Biostatistics to students

Open Elective papers offered by the Department under CBCS, and the number of students from other Departments opting for the same:

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	BT- 204: Biotechnology - Sustainable Development	5	9	❖ Chemistry
		4	4	❖ Botany
		4	7	❖ Microbiology
			5	❖ Biochemistry
			4	❖ Zoology
OE-2	BT- 304: Environmental Biotechnology	10	6	❖ Chemistry
		4	4	❖ Botany
		4	8	❖ Biochemistry
		3	2	❖ Zoology
			4	❖ Microbiology

6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil
7. Details of programmes discontinued, if any, with reasons : Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Semester with CBCS
9. Participation of the department in the courses offered by other departments:

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
OE-1	1. Microbiology	Microbes in Human Welfare	4	3
	2. Physical Education	Modern Concepts of Yoga		
	3. Computer Science	Computer Ethics	2	
	4. Botany	Plants and Human Welfare		1
	5. Geography	Introduction to Disaster Management	4	5
	6. Sericulture	Silk Technology & Entrepreneurship Development		1
OE-2	1. Biochemistry	Nutrition, Nutritional Disorders & Functional Foods	7	
	2. Computer Science	Green IT		9
	3. Microbiology	Immunity and Human Health	3	4
	4. Geography	Fundamentals of Sensing		2

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/ others) (Details as on 30-06-2015)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	-	-	-
Associate Professor	-	-	-
Asst. Professor	02#	03*	03
Others	-	-	-

# UGC X Plan posts, continued as per Govt. orders

\* One Post filled against total posts sanctioned to the University

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Speciali- zation</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof. G.H. Philip*	M.Sc. Ph.D	Professor- in-charge	Reproductive Toxicology, Endocrine Disruption	29 years	Ph.D – 6 M.Phil-1
Dr. D. Muralidhara Rao	MSc., M.Phil., Ph.D.	Asst. Prof.	Industrial Biotechnology Environmental Biotechnology	10 years	Ph.D- 5
Dr. S. Anitha	M.Sc. M.Phil, Ph.D	- do -	Plant Biotechnology	10 years	Ph.D-4
Dr. C.M. Anuradha	M.Sc. M.Phil. Ph.D.,	- do -	Structural Biology	6 years	--

\* Professor of Zoology and Head, Department of Biotechnology

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. K. Venkateswarlu	Retired Professor of Microbiology residing at Nellore
2.	Prof. S. Dayananda,	Dept. of Animal Sciences, University of Hyderabad, Hyderabad
3.	Prof. S. Singh	Dept. of Biochemistry, Osmania University, Hyderabad.
4.	Dr. V. Ramakrishna	Dept. of Biotechnology, Y.V. University, Kadapa.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	1	15%
2011-12	PG	1	15%
2012-13	PG	1	15%
2013-14	--	--	--
2014-15	--	--	--

**14. Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	9:1
2011-12	PG	5:1
2012-13	PG	3:1
2013-14	PG	5:1
2014-15	PG	5:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Office Assistant			1
2.	Attenders			1

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Industrial Biotechnology	UGC, CSIR, DST, DBT, ICMR
2.	Plant Biotechnology	
3.	Bioinformatics	
4.	Environmental Biotechnology	

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Dr. D. Muralidhara Rao	Metabolic Engineering following combinatorial approach to improve the activity of aspartate kinase	UGC	2009-2012	8.61

- | Sl. No. | Particulars   | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---------|---|---------|---------|---------|---------|---------|
| 1       | Number of papers published in peer reviewed journals: | 24      | 11      | 14      | 18      | 30      |
| a)      | National  | 3       | --      | 2       | -       | 4       |
| b)      | International   | 21      | 11      | 12      | 18      | 26      |
| 2       | Monographs  | --      | --      | --      | --      | --      |
| 3       | Chapters in Books                                     | 2       | --      | --      | --      | --      |
| 4       | Edited Books  | --      | 2       | --      | --      | --      |

5	Text/ Reference books	--	--	--	--	--
6	Number listed in International Database	--	--	--	--	--
7	Citation Index – range / average	1 -153	1 - 37	1 - 3	--	1 -153
8	Impact Factor – range / average	0.386 - 7.40	1.34 – 3.65	0.35 – 3.98	0.510 – 3.80	0.35 – 7.40
9	h-index	108	24	15	2	8

23. **Details of patents and income generated**  
 Dr. D. Muralidhara Rao : Patent filed – One 5112/CHE/2015  
 Dr. C.M. Anuradha : Patent filed – One 5112/CHE 2012
24. **Areas of consultancy and income generated** : Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad** : Nil
26. **Faculty serving in**  
 a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Dr. D.Muralidhara Rao	--	--	Editorial Board Member – 1. Global Journal of Botanical Sciences 2. Biology, Biological Systems and Bioinformatics 3. Journal of National Products Research	2011-15 2012-15 2010-15

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	Dr. D. Muralidhara Rao	Refresher Course organized as Coordinator by UGC Academic staff College, JNTU (H) on 'Biotechnology and Bioinformatics' Orientation Programme in Academic Staff College, S.V. University, Tirupati Refresher Course on "Environmental	16-05-2015 to 04-06-2015 04-05-2015 to 30-05-2015

		Biotechnology” in UGC Academic Staff College, S.V. University, Tirupati	
2.	Dr. S. Anitha	Workshop on “Capacity building of women managers in higher education sponsored by UGC in S.K. University, Anantapuramu. 21 days Training course organized by GKVK, Banagalore Refresher Course in UGC Academic Staff College, Bharathiar University, Coimbatore, Tamilnadu	08-02-2011 to 12-02-2011  04-03-2011 to 24-03-2011  06-05-2015 to 26-05-2015
3.	Dr. C.M. Anuradha	Orientation Course in Academic Staff College, Moulana Azad National Urdu University, Hyderabad Summer school in Academic Staff College, Moulana Azad National Urdu University, Hyderabad	09-04- 2015 to 06-05-2015  May, 2014

28. **Student projects**

- percentage of students who have done in-house projects including inter-departmental projects : **Nil**
- percentage of students doing projects in collaboration with other universities / industry / institute

100%. M.Sc. students do Project Work in the Semester IV in other Universities/Research labs.

Project was carried out at University of Hyderabad, CCMB, IICT, NIN.

29. **Awards / recognitions received at the national and international level by**

- Faculty
- Doctoral / post doctoral fellows : Inspire
- Students

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	Dr. D. Muralidhara Rao	SAB Young Bioinformatician Award Fellow Award SIPRA Innovative Pharma Research Award Gold Medal	Society for Applied Biotechnology  - do -	Nov, 2010  Aug, 2010  June, 2014



30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<b>Sl. No.</b>	<b>Name of the Seminar/ Conference/ Workshop organized</b>	<b>Name of the Director/ Co-Director</b>	<b>Funding Agency</b>	<b>Dates</b>	<b>Names of outstanding participants</b>
1.	National Seminar cum Workshop on "Challenges & Opportunities in Biotechnology"  Seminar on "GM Crops" in collaboration with Agri Biotech Foundation, Hyderabad	Prof. G. H. Philip Dr. D. Muralidhara Rao  Prof. G. H. Philip Dr. D. Muralidhara Rao	UGC  Agri Biotech foundationHyd	21-22, March, 2014  20-02-2015	Dr. S. Raj, Director, Helini Biomolecules,  Dr. S.A.K. Ali, Scientist, ABF AGNRU, Hyd
2.	National Symposium on "Trends in Biotechnology in post genomic era"  National workshop on "Sequence annotations and Molecular modelling of cancer targeted proteins" in collaboration with Dept. of Biochemistry, SK. University, Atp.	Dr. C.M. Anuradha	UGC & DBT  UGC & DBT	2-3 Jan, 2010  27-28, March, 2015	  Dr. K.V. Swamy DY Patil Univ., Pune.

31. **Code of ethics for research followed by the departments**  
 All guidelines stipulated are followed strictly  
 Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:
- Avoiding duplicity in the selection of research problem
  - Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission from authors to use the information
  - Avoiding plagiarism
  - Obtaining permission from Animal societies

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11		12	14	100%	100%
2011-12	320	6	8	100%	100%
2012-13	73	4	9	100%	100%
2013-14	96	4	8	100%	100%
2014-15	102	3	12	100%	100%
M. Phil.					
Ph.D.					

33. **Diversity of students:**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	80%	20%	Nil	Nil
2011-12	75%	25%	Nil	Nil
2012-13	65%	35%	Nil	Nil
2013-14	80%	20%	Nil	Nil
2014-15	100%	0%	Nil	Nil
M.Phil.	20%	80%	Nil	Nil
Ph.D.	40%	60%	Nil	Nil

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	2	--	3	--	1	--
2.	2011-12	1	-	2	--	--	--
3.	2012-13	2	3	3	--	--	--
4.	2013-14	1	2	2	--	--	--
5.	2014-15	1	1	2	--	--	2 nos. Banking

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	10%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	5%
Employed	Nil
Campus selection	
Other than campus recruitment	50%
Entrepreneurs	

**36 Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	70%
From other universities within the State	30%
From universities in other states	Nil
From universities outside the country	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**  
Nil

**38. Present details of departmental infrastructural facilities with regard to Library**

The Departmental Library has 840 books and seven research journals and popular science magazines. There is a space for students to sit and read. Students are also allowed to borrow books. A separate register is maintained and one Non-teaching staff is kept In-charge of the entire process

**a) Internet facilities for staff and students**

The Department has a separate Computer lab with 20 computers. There is also server to which all the systems are connected. Each Teacher and office staff has a system for them to use personally. All systems are connected to LAN

**b) Total number of class rooms : Two**

**d) Class rooms with ICT facility**

Both the class rooms have ICT facilities

**e) Students' laboratories**

Basic equipment like Balances, pH Meters, Waterbath, Autoclave. Stirrer and Refrigerators are provided separately in both labs.

**f) Research laboratories**

Research lab is well designed and furnished with work benches and equipment as well as for Research Scholars to sit.

**The Following are the Equipment:**

1. Fermentor – New Brunswick, USA
2. CO<sub>2</sub> Incubator – Thermoforma, USA
3. -80°C Freezer – Thermoforma, USA
4. Hybridization oven – Thermoforma, USA
5. Water purification system – Millipore

6. Computers (20 numbers)- HCL (networking lab)
  7. Refrigerated High Speed Centrifuge – Eppendorf, Germany
  8. ELISA reader – Biotek , USA
  9. Liquid nitrogen containers – Inox, Indegenous
  10. Automated tissue culture racks – Bionics, Indegenous
  11. Lab workbenches – Bionics, Indegenous
  12. Incubator Shaker - New Brunswick, USA
  13. Gel documentation
  14. Spectrophotometer
  15. Electronic Digital Balances - Shimadzu
  16. Laminar Flow Cabinet (Horizontal + Vertical)
  17. Lyophilizer/Freeze drier
  18. PCR Machine
  19. Electrophoresis Units (1 d + 2D)
39. **List of doctoral, post-doctoral students and Research Associates**
- a. from the host institution/University : One
  - b. from other institutions/universities : Nil
40. **Number of post graduate students getting financial assistance from the University :**  
Nil
41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. :** Nil
42. **Does the department obtain feedback from**
- a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**  
Yes. The Department tries to incorporate if every one thinks it is appropriate. It will also discussed in BOS, where external members also give feedback
  - b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**  
Will be discussed in the open forum meetings where all staff and students will present and if feed back is constructive, it will be implemented
  - c. **alumni and employers on the programmes offered and how does the department utilize the feedback?**  
Takes feedback from alumni periodically, orally and online. Feed back taken when alumni and employees visit on various occasions. Suggestions given will be considered if feasible
43. **List the distinguished alumni of the department (maximum 10)**
1. Dr. S. Osman Basha, Asst. Prof. Y.V. University, Kadapa
  2. Dr. E.C. Surendranath Reddy, Asst. Prof. - do -
  3. Dr. C. Kiranmai, Asst., Prof. Vikramasimhapuri University, Nellore
  4. Dr. Mary Sandeepa, Asst. Prof. - do -
  5. Dr. B. Raghavendra, Asst. Prof. St. John's Medical College, Bangalore
  6. Dr. C. Pradeep Babu, PDF., University of Memphis, USA
  7. Dr. S. Sabirabee, Scientist, Univ. Singapore
  8. Dr. P. Sudhakar Reddy, Scientist, ICRISAT, Hyderabad
  9. Dr. Y. Harish Kumar Reddy, PDF, Univ. of Israel
  10. G.D.K. Poornima, Group I Office, Secretariat, Hyderabad

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

When eminent Scientists/Professors visit for meetings, they give special lectures. Work shops are conducted by experts on various techniques.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Dr. V. Kumar, Dept. of Biochemistry, Davangere University Davanagiri, Karnataka	Special Lecture
2.	2011-12	Prof. Arun Goyal Dept. of Biotechnology, IIT, Gowdathi	Special lecture
3.	2012-13	Prof. G. Sudarshanam Dept. of Botany, S.V. University, Tirupati	Special lecture
4.	2013-14	Dr. K. Srinivasulu Dept. of Animal Sciences, University of Hyderabad, Hyderabad	Special lecture
5.	2014-15	Prof. G. Pakki Reddy Director, Agri Biotech Foundation, Hyderabad	Interaction class with students

45. List the teaching methods adopted by the faculty for different programmes.  
The Class rooms in Department are fitted with OHPs and LCD Projectors. There is also power backup facility. All teachers use these facilities for their lectures with power point presentations and other computer software.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
Constant monitoring is done. If any new idea is introduced, its benefit on target will be assessed.
47. Highlight the participation of students and faculty in extension activities.  
All Students and staff are involved in establishing and maintenance of greenery within the Department premises
48. Give details of “beyond syllabus scholarly activities” of the department:  
Students are encouraged to talk on general science subjects. Any invention/Noble prize award subject will be discussed in seminar classes.
49. State whether the programme/ department is accredited/ graded by other agencies?  
If yes, give details. : No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
The teachers are always involved in updating their knowledge in the concerned subject through books and internet resources. Students are encouraged to do creative work in making models which are exhibited in Science exhibition.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths :** 1. Has excellent leaning atmosphere.  
2. Good Class rooms/labs with continuous power supply and LCD display facility

**Weaknesses:** 1. Needs space for washrooms.  
2. Needs space for keeping sophisticated equipment

**Opportunities:** 1. Building designed for extension  
2. UGC funding can be utilized for constructing building

**Challenges:** 1. To provide employability skills to students and scholars  
2. To impart subject knowledge to students who come from Telugu Medium background

52. Future plans of the department.

The Department plans to establish research laboratories to pursue advanced research in Food Biotechnology under Innovative program of UGC. We propose to start M.Tech in Environmental Biotechnology. Our vision is to see that the department becomes a Centre for Excellence in Biotechnology are also under consideration.

## Annexure-I: Details of Publications

## Dr. D. Muralidhara Rao (2010-11)

Research publication	Im pact factor	Citat ion inde x	SJR	H- Ind ex	(SNI P)
1. Monika.K, <b>Dowlathabad MR</b> , Spain JC, Kadiyala V.(2010) Phylogenetic Clustering and Comparative Homology modeling of Nitrobenzene nitroreductase from <i>Pseudomonas pseudocaligens</i> JS45 and <i>Comamonas sp.</i> CNB- Online Journal of Bioinformatics.11(1):38- 46.	7.40	153	-	6	-
2. Subramanyam, K., <b>Muralidhara Rao, D.</b> , Devanna N., (2010). Evaluation of Genetic diversity among <i>Jatropha curcas</i> L. by RAPD analysis. Indian Journal of Biotechnology (9), 283-288	0.386	12	0,2 34	20	-
3. AyyavuMahesh, Ravichandran and <b>Dowlathabad Muralidhara Rao</b> (2010). Hepatocurative potential of ethanolic extract and sesquiterpene lactones of <i>Taraxacum officinale</i> roots on carbon tetrachloride induced liver toxicity in mice. Acta Biologica Hungarica 61 (2) 175-190	0.593	-	-	21	-
4. Obulesu M, <b>Rao.DM</b> (2010). Animal models of Alzheimer's disease: An understanding Of pathology and therapeutic avenues. International Journal of Neuroscience. (Taylor & Francis) 120(6): 397-403	6.34	-	-	-	-
5. Subramanyam, K., <b>Muralidhara Rao, D.</b> , Devanna N., (2009). Eco-geographical variation of seed traits, oil content and categorization of <i>Jatropha curcas</i> (L.) accessions. <i>Eco. Env. &amp; Cons.</i> 16 (1) : 2010; pp. (29-33).	3.5	-	-	-	-
6.SivaReddy, <b>D.MuralidharaRao</b> ,H.J.Dechema,V. V.S.Suryanarayana, G.R.Reddy(2010) Expression of bovine ( <i>Bos indicus</i> )IL-18 in <i>E.coli</i> and its biological activity. Microbiology and Immunology <b>54</b> : 564–567. Vol 54, Issue9 PP491-568. Article first published online: 14 JUN 2010.DOI: 10.1111/j.1348-0421.2010.00241.x	1.242	1	-	-	-
7. Monika K, <b>Muralidhara Rao D</b> , Anuraj N, Yadav M, Nageswara Rao N, Venkateswarlu K.(2010) Model ligand-binding site of 2-Amino-5-chlorophenol 1,6 dioxygenase in <i>Comamonas sp.</i>	7.40	153	-	6	-

CNB-1, Online Journal of Bioinformatics, 11 (2):302-316.					
8. <b>Dowlathabad Muralidhara Rao</b> , Anuraj Nayariseri, Mukesh Yadav, Showmy K.S., Disha Patel.(2010). Comparative modeling of methylentetrahydrofolate reductase(MTHFR) enzyme and its mutational assessment: <i>in silico</i> approach. International Journal of Bioinformatics Research, ISSN: 0975-3087, 2(1) 05-09.	0.00	7	-	-	-
9.Siva Reddy K., <b>Muralidhar Rao D.</b> , Badrinaryana. M., Suryanarayana VVS., and Reddy G.R.(2010) Enhancement of DNA vaccine (P12A3C-pcDNA) efficacy against Foot and Mouth Disease by co-administration of Interleukin-18 expressing (IL18pcDNA) plasmid in Guinea Pigs. FEMS Immunology and Medical Microbiology 1-9. Vol 54.	1.242	6	-	-	-
10. Kondeti Subramanyam., K. V. Sailaja., Koona Subramanyam and <b>D. Muralidhara Rao</b> and K. Lakshmidhevi.(2010). Ectopic expression of an osmotin gene leads to enhanced salt tolerance in transgenic chilli pepper ( <i>Capsicum annum L.</i> ) Plant Cell Tiss. Organ Cult	2.125	-	0.7 39	30	1.386
11. B. Sarva Rao, <b>D.Muralidhara Rao</b> and AV.N. Swamy .(2011). Studies on Continuous Production Kinetics of L-Lysine by Immobilized <i>Corynebacterium glutamicum</i> 13032. Middle-East Journal of Scientific Research 7 (2): 235-240.	0.00	-	-	18	-
12.Obulesu M, <b>Dowlathabad Muralidhara Rao</b> (2011). Effect of Plant extracts on Alzeimers's disease. An insight in to therapeutic avenues. Journal of Neurosciences in Rural Practice. 2(1):56-61. DOI:10.4103/0976-3147.80102 PMID:21716802	2.49	22	-	7	-

**Dr. S. Anitha (2010-11)**

<i>Research publication</i>	<i>Impact factor</i>	<i>Citation index</i>	<i>SJR</i>	<i>H-Index</i>	<i>(SNIP)</i>
1.Dowlathabad.M.Rao, <b>S.Anitha</b> , A.Aravinda, B.Karunakar and N.Devanna.2010. Pharmaceutical investigation and Biopesticidal activity of <i>Jatropha curcas</i> L. seed oil on digestive enzymic profiles of <i>Cnaphalocrocis medinalis</i> (Rice leaf folder) and <i>Helicoverpa armigera</i> (cotton boll worm)Online journal IRJP 1(1) 194-200	0.751	-	-	-	-
2.Subramanyam, K, D.M.Rao, <b>S.Anitha</b> , A.AravindaN.Devanna and K.Subramanyam.	-	-	-	-	-



2010. The potential of <i>Jatropha curcas</i> – a multipurpose petrocrop species for problematic sites. International journal of forest usufructs management.11(1) :57-67					
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**Dr. C.M Anuradha (2010-11)**

Sl. No	Title of paper	Impact factor	Citations
1.	Novel approach in formulation and evaluation of mouth dissolving tablets of ondansetron hydrochloride. International Journal of Applied Biology and Pharmaceutical Technology. 1.2: 582-88	0.99	14
2.	Nutrigenetic traits analysis for identification of nutritionally efficient silkworm germplasm breeds.2010. Biotechnology..9.2: 131-140		13
3.	Probing ligand binding modes of Mycobacterium tuberculosis MurC ligase by molecular modeling, dynamics simulation and docking. Journal of molecular modeling.. 2010. 16.1:77-85	1.736	12
4.	Exploring the molecular basis for selective binding of Mycobacterium tuberculosis Asp kinase toward its natural substrates and feedback inhibitors: a docking and molecular dynamics study. Journal of molecular modeling.2010. 16.8:1357-1367	1.736	11

**Dr. D. Muralidhara Rao (2011-12)**

Research publication	Impact factor	Citation index	SJR	H-Index	(SNIP)
1.Obulesu M, Dowlathabad Muralidhara Rao, Veera Bramha Chari P. (2011). Carotenoids and Alzheimer's Disease: An insight into therapeutic role of retinoids in animal models. International Journal of Neuro chemistry. 59(5):535-41.	3.092	37	-	-	0.903
2. Muralidhara Rao, D., S.Anitha, A.Aravinda, B.Karunakar, and Devanna N., (2010). Pharmaceutical Investigation and Biopesticidal activity of <i>Jatropha curcas</i> L. seed oil on digestive enzyme profile of <i>C.medinalis</i> , and <i>H.armigera</i> . International journal of Pharmacy.1(1).194-200.	3.65	-	-	-	-
3. Nayariseri, Anuraj, Yadav, Mukesh, Rao, Dowlathabad Muralidhara, Kukreja, Sonam, Ahmed, Sheaza, Singh and Pooja.(2010) 3D Structure Development of <i>Chikungunya Virus</i> and its Structural Characterization – an In silico approach. Nature Precedings <a href="http://dx.doi.org/10.1038/npre.2010.5143">http://dx.doi.org/10.1038/npre.2010.5143</a> .					

4. Tummaluru Rama Mohan Reddy , Bezawada karunakar Devanna.N, <b>Muralidhara Rao.D</b> and G.Vidyasagar.(2011). Study on the phytochemical and Invitro antimicrobial activity of <i>A.aspera</i> . IJPT. Vol. 3 Issue No.1   1889-1892.ISSN: 0975-766X	1.2106	-	-	-	-
5.SwamyAVN, G.Ramalakshmi, Ch.V.R.Murthy and <b>Muralidhara Rao.D</b> .(2011). Studies on Production of cellulose from <i>Antigonum leptopus</i> leaves using <i>Trichoderma reesi</i> (NCIM1186) under solid state fermentation conditions.International Journal of Pharmaceutical Research and Vol . 3 (7).193200	2.01	1	-	-	-
6. Meenusingh, <b>D.Muralidhara Rao</b> , Shivanshpande, sowjanyaabattu, Mahalakshmi, K.Rajeswer Dutt, M.Ramesh.( 2011). Approaches for improving the production of L -Lysine in using <i>Corynebacterium glutamicum</i> . International Journal Of Research in Pharmaceutical Sciences. ISSN: 0975-7538.2(4),621-629.	-	-	-	10	-
7. Ramesh Malothu, Meenu Singh, Adarsh G, M.Abdul Rajak, S.V. Satyanarayana and <b>D. Muralidhara Rao</b> (2012) Over expression of Aspartokinase gene in <i>Corynebacterium glutamicum</i> for higher production levels of L- Lysine. International Journal of Biological & Pharmaceutical Research. 2012; 3(6): 758-761	1.34	1	-	-	-
8 .Subramanyam Koona, Subramanyam Kondeti, <b>Dowlathabad Muralidhara Rao</b> and Rajasekhar Pinnamaneni.(2012) In vitro clonal propagation of <i>Jatropha curcas</i> (L.) using nodal explants and assessment of genetic fidelity through RAPD markers. Current Biotica 5(1): 1-16	-	-	-	-	-

**Dr. S. Anitha (2011-12)**

Research publication	Impact factor	Citation index	SJR	H-Index	(SNIP)
1.Sreenath.K, D.Jayasimharayalu, <b>S.Anitha</b> and D.M.Rao. 2012.Modelling and ligand interaction studies of endo-1,4 beta xylanase from <i>Bacillus subtilis</i> .International journal of plant, animal and environmental sciences.4(1) :19-24	1.0280	-	-	-	-

## Dr. C.M. Anuradha (2011-12)

Sl. No	Title of paper	Impact factor	Citations
5.	Comprehensive structural and functional characterization of Mycobacterium tuberculosis UDP-NAG enolpyruvyl transferase (Mtb-MurA) and prediction of its accurate binding affinities with inhibitors. Interdisciplinary Sciences: Computational Life Sciences.2011. 3.3:204-216	0.662	7

## Dr. D. Muraidhara Rao (2012-13)

Research publication	Impact factor	Citation index	SJR	H-Index	(SNIP)
21. MeenuSingh, <b>D.Muralidhara Rao</b> , Shivanshpande, sowjanyaabattu, Mahalakshmi, K.Rajeswer Dutt, M.Ramesh.( 2011). Medicinal Uses of L- lysine : past and future. International Journal Of Research in Pharmaceutical Sciences ISSN: 0975 - 7538,2(4),637-642	-	-	-	10	-
22.V.S. Kranthi, <b>D. Muralidhara Rao</b> and P. Jaganmohan.(2012). Production of Protease by <i>Aspergillus flavus</i> through Solid State Fermentation Using Different Oil Seed Cakes. International Journal of Microbiological Research 3 (1): 12-15	0.00	-	-	-	-
23. R. Srinu Venkat Rao, <b>D. Muralidhara Rao</b> , Mokula M. Rafi and A.V.N.Swamy.(2012). Optimization of Physical Parameters for the Production of L- Glutamic acid by <i>Corynebacterium glutamicum</i> . International Journal of Applied Biotechnology and Biochemistry.2(2)177-184	-	-	-	-	-
24. R. Srinu Venkat Rao,K.S.Rao, <b>D. Muralidhara Rao</b> , and A.V.N. Swamy.(2012). Studies on Production of L - Glutamic acid by Free and Immobilized cells of <i>Corynebacterium glutamicum</i> 13032. National Journal of Life Sciences.8(1) 2010 : 69-71.	1.6530	-	-	-	-
25. Ramesh. M, N.Padma lakshmi , G.Adarsh, S.V. Satyanarayana, and <b>D. Muralidhara Rao</b> (2012). Antimicrobial and antioxidant activity of leaf extracts of four common plants. International Journal of Biological & Pharmaceutical Research. 3(3): 488-497	1.34	-	-	-	-

26. Ramesh Malothu, Nalini Mathala , Adarsh G , <b>Muralidhara Rao D.</b> (2012). Hepato protective activity and anti oxidant activity of <i>Anthocephous indicus</i> in ethanol induced hepatotoxicity in albino wister rats. International Journal of Phytopharmacology. 3(3), 245-248	0.412	-	-	-	-
27. VijayaLakshmi.N, <b>D.Muralidhara Rao</b> , K.N.Jayaveera.(2012). DNA purification and PCR Standardization of <i>Hildigardia populifolia</i> (Roxb.)Schott&Endl.- A rare plant in Eastern Ghats. Current Biotica.6(3).313-319.	-	-	-	-	-
28. Ramesh Malothu, Nalini Mathala , Adarsh G , <b>Muralidhara Rao D.</b> (2012) Hepato protective activity and anti oxidant activity of <i>Anthocephous indicus</i> in ethanol induced hepatotoxicity in albino wister rats. International Journal of Phytopharmacology. 3(3), 245-248.	0.412	-	-	-	-
29. Claimer CS, Mahesh A, Sinilal B, <b>Rao DM</b> , Thangadurai D. (2012) Protective effect of <i>Indigofera aspalathoides</i> roots on N-nitrosodiethylamine- induced hepatocarcinogenesis in mice. Indian J Pharm Sci;74:157-60	0.479	-	-	-	-
30. Ramesh Malothu, <b>Dowlathabad MR</b> , Balanarasaiah.T(2012) Bioprocess Technology Development and Convalescing production of L- lysine in <i>Corynebacterium glutamicum</i> . International Journal of Biological, Ecological and Environmental Sciences. ISSN 2277-4394,1(3)59-63	-	-	-	15	-
31. Mokula Md. Rafi , M.G. Hanumanthu, S. Rizwana, Kadiyala Venkateswarlu and <b>Dowlathabad Muralidhara Rao</b> (2012) Effect of different physico-chemical parameters on fermentative production of itaconic acid by <i>Ustilago maydis</i> . J. Microbiol. Biotech. Res., 2012, 2 (5):794-800	1.525	3	-	-	-
32. Gobinanth Shanmugam, Mahesh, A., <b>D.Muralidhara Rao</b> and Ganesan Subramanian.(2013). Hepatoprotective effect of Caralluma umbellata against acetaminophen induced oxidative stress and Liver damage in rat. Journal of Pharmacy Research 6.342-345	3.98	1	3.8 93	-	-
33. Krishnarjuna Reddy,C.V. Rajeshwar Reddy,E., <b>D.Muralidhara Rao</b> , A.V.N.Swamy.(2013). Insilico Exploration	0.533	-	-	-	-

of <i>Pyc</i> gene from <i>Corynebacterium glutamicum</i> .ATCC 13032 International Journal of Advanced Research in Engineering and Applied Sciences.2(1).23-34					
34.Shivananda,A., <b>Muralidhara Rao</b> ,D.Jayaveera.K.N.(2013). Analgesic and Anti-inflammatory activity of <i>Citrus maxima</i> .J Burn(Meer.) by Animal models Research. Journal of Pharmaceutical ,Biological and Chemical Sciences.4(2).1800-1810	0.35	-	-	-	-

**Dr. C.M. Anuradha (2012-13)**

Sl. No	Title of paper	Impact factor	Citations
1	Synthesis and evaluation of resveratrol derivatives as new chemical entities for cancer. Journal of Molecular Graphics and Modelling.2013. 41:43-54	1.722	6

**Dr. D. Muraidhara Rao (2013-14)**

Research publication	Impact factor	Citation index	SJR	H-Index	(SNIP)
35. Jayasimha Rayulu,D. <b>D.Muralidhara Rao</b> , D.Subba Rao.(2013) Phyto chemical screening and Insilico approach for Identification of Anti stress compounds from Medicinal plants. International Journal of Applied Biology and Pharmaceutical Technology. 4(1).324-338	2.943	-	-	-	-
36. Shivananda,A., <b>Muralidhara Rao</b> .D. Jayaveera.K.N. (2013). Anticancer Activity of Extracts of Various Fractions of <i>Citrus maxima</i> (J.Burm.)Merr. On HeLa Cell line. Journal of Pharmacy and Chemistry.7(1).3-7.	0.510	-	-	-	-
37. D.D. Reddy,S.Anitha and <b>D.Muralidhara Rao</b> , An efficient callus induction and regeneration of <i>vitex negundo</i> L. – An Important medicinal plant. International Journal of Development Research 4 ( 8,) pp. 1611-1615, 2014. ISSN: 2230-9926	1.325	-	-	-	-
38.Devi Reddy Dharaneeswara Reddy , Anika Hari Priya, Guvvala Suseela and <b>D Muralidhara Rao</b> . Callus induction of <i>Careya arborea Roxb</i> – An important medicinal plant . J. Microbiol. Biotech. Res., 2014, 4 (4):50-55. ISSN : 2231 –3168 CODEN (USA) : JMBRB4	1.525	-	-	-	-
39. D.Jayasimha Rayalu1, <b>D.Muralidhararao</b> and D.S.Rao, Phytochemical screening and insilico approach for the identification of anti stress compounds from medicinal plants	2.943	-	-	-	-

. International Journal of Applied biology and Pharmaceutical technology.4 (1) 324-328 ISSN 0976-4550					
40. Dharaneeswara Reddy, Dasari Suvarna1 and <b>D. Muralidhara Rao</b> , 2014 Effects of 6-benzyl amino purine (6-bap) on in vitro shoot multiplication of <i>grand naine</i> (Musa sp.) International Journal of Advanced Biotechnology and Research ISSN 0976-2612, Online ISSN 2278-599X, Devi Reddy, pp 36-42	5.73	-	-	-	-
41. Jayasimha Rayalu Daddam1, <b>Muralidhara Rao Dowlathabad2</b> , Seshapani Panthangi3, Pramodakumari Jasti3. Molecular Docking and P-glycoprotein Inhibitory - Activity of Flavonoids. Interdiscip Sci Comput Life Sci (2014) 6: 1{9 DOI: 10.1007/s12539-012-0001-8	0.662	-	-	-	-
42. Prathibha B Mare , <b>Muralidhara R Dowlathabad</b> , Venu G Khothakota Pavan K Balagani. Evaluation of Analgesic activity of methanolic seed extract of <i>Clitoria ternatea</i> . / J Compr Phar 2014;1(2):37-40 ISSN NO: 2349-5669	-	-	-	-	-
43. Prathiba Bharathi , <b>D.Muralidhara Rao</b> Evaluation of <i>In vitro</i> Antioxidant Activity of <i>Aeschynomene indica</i> . Journal of Pharmacy Research 2015,9(1),21-26 M. ISSN: 0974-6943	0.00	-	-	-	-
44. Prathiba Bharathi, <b>D. Muralidhara Rao</b> Investigation of Analgesic and Anti Inflammatory Potential of Ethanolic Extract of <i>Atylosia rugosa</i> . International Journal of Pharmaceutical & Biological Archives 2014; 5(5): 103 – 109. ISSN 0976 – 3333	-	-	-	-	-
45 .M. Prathibha Bharathi , <b>D.Muralidhara Rao</b> . Hepatoprotective activity of ethanolic extract of <i>aeschynomene indica</i> against carbon tetrachloride and paracetamol induced hepatotoxicity in rats. International Journal of Universal Pharmacy and Bio Sciences 4(1): January-February 2015 (ISSN): 2319-8141	1.893	-	-	-	-
46. Guduru Sabjan, G. Sudarsanam, D. Dharaneeswara Reddy, Ramesh Malothu, S. Anitha and <b>D. Muralidhara Rao</b> (2014) Preliminary evaluation of antidiabetic activity of <i>Chukrasia tabularis</i> A. Juss on streptozotocin induced male wistar rats, J. Nat. Prod. Plant Resour., 2014, 4 (1):43-47. ISSN : 2231 – 3184.	3.80	-	-	-	-

47. Shaik Fahmida Neelofar., Venkata Swamy Tangeti., D. Jayasimha Rayalu, <b>D. Muralidhara rao</b> , D. S. Rao. Design, synthesis and docking studies of 2, 5- disubstituted-1, 3, 4-oxadiazole involved in breast cancer. world journal of pharmacy and pharmaceutical sciences Volume 2, Issue 6, 4929-4941	5.21	-	-	-	-
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**Dr. S. Anitha (2013-14)**

<i>Research publication</i>	<i>Impact factor</i>	<i>Citation index</i>	<i>SJR</i>	<i>H-Index</i>	<i>(SNIP)</i>
4. Anitha, S. 2014. Conservative efforts through embryo culture of a vulnerable plant <i>Phyllanthusindofischeri</i> Bennet. International journal of plant, animal and environmental sciences. 4(2) 764-769	1.0280	-	-	-	-
5. Anitha, S. 2014. Homology Modeling and Docking studies of plant derived natural compounds on <i>Staphylococcus aureus</i> . Online journal: International journal of applied biology and pharmaceutical technology. 5(4) 56-65	0.9967	-	-	-	-

**Dr. D. Muralidhara Rao 2014-2015.**

<i>Research publication</i>	<i>Impact factor</i>	<i>Citation index</i>	<i>SJR</i>	<i>H-Index</i>	<i>(SNIP)</i>
48. Sabjan, G.; G. Sudarsanam, <b>D Muralidhara Rao</b> , DD Reddy (2014) Ethnobotanical crude drugs Used in Treatment of Liver diseases by Chenchu Tribes in Nallamalais, Andhra Pradesh, India. American Journal of Ethnomedicine 1 (3), 115-121	0.394	1	-	-	-
49. Rajan Bhagyasri G, Chandrasekhar K. B., <b>Muralidhara Rao D.</b> <i>D<sub>3</sub>In silico</i> model design for GPI12 anchored protein. Online Journal of Bioinformatics. Volume 16 (2): 109-120, 2015. 8-13	7.40	153	-	6	-
50. <b>D. M. Rao</b> , A. Mahesh, R. Jeyachandran, L. Cindrella, D. Thangadurai, V. Veerapur. Hepatocurative potential of sesquiterpine lactones of <i>Taraxacum officinale</i> on carbon tetrachloride induced liver toxicity in mice. Acta Biologica Hungaria 61(2), 175-190	0.593	26	-	2	-



51. M.Obulesu, <b>D.M. Rao</b> . DNA damage and impairment of DNA repair in Alzheimer's disease International journal of Neurosciences 120 (6), 397-537	6.34	21	-	-	-
52. M.Obulesu, <b>D.M.Rao</b> . Animals models of Alzheimer's disease: An understanding of Pathology and therapeutic avenues International journal of Neuroscience 120 (8), 531-537	6.34	20	-	-	-
53. A. Mahesh, R. Jeyachandran, <b>DM Rao</b> , D. Thangadurai Gastroprotective effect of <i>Desmodium gangeticum</i> roots on gastric ulcer mouse models. Revista Brasileira de Farmacognosia 22 (5), 1085-1091	0.834	1	0.310	-	0.651
54. M.Singh, G.Mohan , <b>DM Rao</b> . Comparative study of AK Mutant strain of <i>Corynebacterium glutamicum</i> in free and immobilized cells					
55. B.Gowramma , U.Keerthi, M.Rafi , <b>DM Rao</b> . Biogenic silver nanoparticles production and characterization from native strain of <i>Corynebacterium species</i> and its antimicrobial activity 3 Biotech 5 (2) , 195-201	-	-	-	-	-
56.TM.Munawar, AVN Swamy, <b>DM Rao</b> . Production , purification and characterization of alkaline protease from <i>Trichiderma viride</i> N9 by using agro industrial wastes under solid state fermentation. International journal 2(7), 305-312	3.2	-	-	-	-
57. <b>DM.Rao</b> , S.Anitha, A. Aravinda, B. Karunakar, N.Devanna Biopesticidal properties of seed , seed cake and oil of <i>Jatropha curcaas</i> L. against the polyphagous <i>Lepidopteran</i> pest <i>Helicoverpa armigera</i> Jathropa, Challenges for a new Energy Crop, 369-382	3.41	-	-	-	-
58.Sreenath konanki <sup>1</sup> , Jayasimha rayulu Daddam <sup>2</sup> , Anitha S <sup>3</sup> and <b>Muralidhara Rao Dowlathabad<sup>4</sup></b> . Modelling and ligand interactions studies of Endo-1,4-Beta Xylanase from <i>Bacillus subtilis</i> International journal of plant and animal environmental sciences 19-24	1.0280	-	-	-	-
59.B.Gowramma, G.S. Avadhani, M.Rafi, KV Chamundeshwaramma, <b>D Muralidhara Rao</b> . Production and scrutiny of silver					



nanoparticles from Corynebacterium glutamicum ATCC13032 and anti-microbial sensitivity assessment. Asian journal of Biological and Life sciences vol-3   issue-2;pp 81-89					
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**Dr S.Anitha 2014-2015.**

<i>Research publication</i>	<i>Impact factor</i>	<i>Citation index</i>	<i>SJR</i>	<i>H-Index</i>	<i>(SNIP)</i>
6.Dharaneeswara ,D.R, <b>S.Anitha</b> and D.M.Rao. 2014.An Efficient callus induction and regeneration of <i>Vitexnegundo</i> . L-An important medicinal plant, International journal of Development Research.4(Aug) 1611-1615.	1.245	-	-	-	-
7.Sreenath,K, D.Jayasimharayalu, <b>S.Anitha</b> and D.Muralidhara Rao. 2014. Analytical method optimization for biologics.2014. Mitteilungenklosterneuburg. 64:135-151	0.106	-	-	-	-
8. <b>Anitha.S</b> and S.Kalpana. 2014.The Phytochemical screening and antimicrobial activities of medicinal plants <i>Phyllanthusindofischeri</i> Bennet. International Journal of Analytical, pharmaceutical and biomedical sciences 3(3): 13-18	0.9961	-	-	-	-
9.Sabjan,G, G.Sudarsanam, D.Dharaneeswarareddy, M.Ramesh, <b>S.Anitha</b> and D.Muralidhara Rao.2014. Preliminary evaluation of antidiabetic activity of <i>Chukrasia tabularis</i> A.Juss on streptozotocin induced male wistar rats. Journal of Natural product and plant Resources. 4(1): 43-47.	-	-	-	-	-
10.Maruthi Prasad, T, S.Kalpana and <b>S.Anitha</b> .2015.Determination of Natural Compounds in <i>Phyllanthusindofischeri</i> leaf extraction by high pressure liquid chromatography. International Journal of Industrial Chemistry and Biotechnology, 1(1): 8-14.	-	-	-	-	-
<b>Book chapters</b> <b>Anitha.S</b> and T.Pullaiiah.2012. In vitro propagation studies of sterculiaceae:Areview.In: T.Pullaiiah (Ed) Plant tissue culture emerging Trends. Regency Publications, Delhi.71-89. ISBN- 8189233696	-	-	-	-	-

Rao, D.M, <b>S.Anitha</b> ,A.Aravinda, B.Karunakar and N.Devanna. 2012. Biopesticidal properties of Seed, Seed cake and oil of <i>Jatropha curcas</i> L. against the polyphagous Lepidopteran pest <i>Helicoverpa armigera</i> . In: Nicolas Carels, Mulpuri Sujatha and Bir Bahadur (Ed) <i>Jatropha, challenges for a New energy crop vol 1: Farming Economics and biofuel</i> . Chapter 20, pp 369-382 ISBN: 978-1-4614-4805-1	-	-	-	-	-
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**Dr.C.M. Anuradha 2014-2015.**

Sl. No	Title of paper	Impact factor	Citations
7.	Molecular modeling and docking studies of O-succinylbenzoate synthase of <i>M. tuberculosis</i> – a potential target for antituberculosis drug design. <i>Applied biochemistry and biotechnology</i> . 2014. 172.3: 1407-1432.	1.735	4
8.	Molecular characterization of Mtb-OMP decarboxylase by modeling, docking and dynamic studies. <i>Interdisciplinary Sciences: Computational Life Sciences</i> . 4.2:142-152	0.66	2
9.	Experimental and computational studies on newly synthesized resveratrol derivative a new method for cancer chemoprevention and therapeutics. (2013) . <b><i>Omics- A Journal Of Integrative Biology</i></b> . 17: 00-30. Babajan banaganapalli, Chaitanya mulakayala, Madhusudana pulaganti, naveen mulakayala, Cm anuradha, chitta suresh kumar, noor ahmad shaik, Jumana yousuf al-aama, and dhananjaya gudla- <b>(Impact:2.77)</b> .	2.7	2
10.	Synthesis and Biological Activity of New Resveratrol Derivative and Molecular Docking: Dynamics Studies on NFkB. <i>Applied biochemistry and biotechnology</i> . 171, 7:1639-1657	1.735	1

## Department of Botany

1. **Name of the Department** : BOTANY
2. **Year of establishment** : 1985
3. **Is the Department part of a School/Faculty of the University :**  
YES, Faculty of Life Sciences
4. **Names of programmes offered :** PG, M.Phil., and Ph.D. courses in Botany
5. **Interdisciplinary programmes and departments involved:**

Sl. No	Title of OE Paper	No. of students opted			
		2013-14	Departments	2014-15	Departments
1.	Plants and Human welfare	11	Chemistry - 1 Biochemistry-4 Microbiology -1 Sericulture -4 Zoology -1	04	Biotechnology-4
2.	Stress biology	04	Sericulture -4	02	Sericulture -2

In addition to the above, Some Ph.D works have collaboration with national and international institutes.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :**  
Ph.D.
  1. Natural compound chemistry division -IICT, Hyderabad
  2. Department of Crop physiology, University of Agriculture Sciences, GKVK Bangaluru.
  3. Department of Forestry & Environmental Sciences, University of Agriculture Sciences, GKVK Bangaluru.
7. **Details of programmes discontinued, if any, with reasons:** Nil
8. **Examination System:** Semester with Choice Based Credit System
9. **Participation of the department in the courses offered by other departments:**  
The Open Elective papers have been opted by the students in II and III semesters in PG course on Choice Based Credit System.

### II Semester

Sl. No.	Name of the Dept	Title of OE Paper	No of students opted	
			2013-14	2014-15
1.	Biotechnology	Biotechnology- Sustainable Development- RC27204	4	4
2.	Microbiology	Microbes and Human welfare- RC38204	4	-
3.	M.P.Ed	Modern concepts of Yoga- RC 41203	1	4
4.	Sericulture	Silk technology and Entrepreneurship development-RC43204	1	4
5.	Zoology	Developmental Biology- RC46204	4	3
6.	Geography	Introduction to Disaster Management	-	2
7	Polymer science	Basic Aspects of Polymers (OE-1)	-	4

**III Semester**

Sl. No.	Name of the Dept	Title of OE Paper	No of students opted	
			2013-14	2014-15
1.	Biotechnology	Environmental Biotechnology	4	4
2.	Biochemistry	Nutrition, Nutritional disorders and functional foods	3	-
3.	Microbiology	Immunity & Human Health	-	3
4.	M.P.Ed	Nutrition and Wellness	4	2
5.	Sericulture	Vanya Sericulture	3	4
6.	Geography	Fundamentals of Remote Sensing	-	2
7.	Polymer science	Industrial applications of polymers (OE-2)	-	5

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	04
Associate Professor	02	02	-
Asst. Professor	02	03*	01
Others	-	-	-

\* One post filled against total sanctioned to the University

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D/ M.Phil guided in the last 5 years
#Dr. T. Pullaiah	M.Sc., Ph.D.	Professor	Plant Embryology, Taxonomy Tissue culture	32 years	M.Phil: 8 Ph.D: 07
Dr.R.R.Venkata Raju	M.Sc., Ph.D.	Professor	Plant Taxonomy Ethnobotany Phytomedicine	28 years	M.Phil: - Ph.D: 07
Dr. C. Sudhakar	M.Sc., Ph.D.	Professor	Plant Physiology, Molecular Biology	28 years	M.Phil: 03 Ph.D: 08
Dr. B. Ravi Prasad Rao	M.Sc., Ph.D.	Professor	Plant Taxonomy, Ecology, Biodiversity Conservation	23 Years	M.Phil: 10 Ph.D: 09
Dr. S.Thimma Naik	M.Sc., Ph.D.	Professor	Plant Physiology Stress Physiology	12 years	--
Dr. S. Sandhya Rani	M.Sc., Ph.D.	Asst. Professor	Plant Taxonomy	05 years	--

#Retd. on 31<sup>st</sup> May 2011

12. List of senior Visiting Fellows, adjunct faculty, **emeritus professors**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>
Dr. T. Pullaiah	M.Sc., Ph.D.	Professor UGC-BSR- Fellow

13. Percentage of classes taken by temporary faculty-programme-wise information :  
Nil

14. Programme-wise Student Teacher Ratio

<i>Sl. No.</i>	<i>Name of Course</i>	<i>Student : Teacher Ratio</i>
1.	PG	12 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual staff

<i>Sl. No.</i>	<i>Name of the post</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual staff</i>
1.	Junior Asst	01	01	01
2.	Record Asst/Store Keeper	01	01	-
3.	Attender	02	02	01
4.	Gardener	05	02	04
5.	Sweeper	01	01	01

16. Research thrust areas as recognized by major funding agencies

<i>Sl. No.</i>	<i>Thrust areas</i>
1.	Floristic studies-exploration, documentation, preservation
2.	Plant tissue culture- in vitro propagation of threatened species
3.	Bioprospecting of medicinally important plants and Pharmacognostic evaluation
4.	Biosystematics
5.	Molecular physiology, Genomics, Proteomics and development of Transgenics with special reference to salt and water stress tolerance in plants
6.	Antimicrobial proteins, isolation and characterisation
7.	Developing improved drought tolerance in crops
8.	Biodiversity Quantification and Mapping
9.	Prevention of Extinction of threatened species-Ecological and Conservation approaches
10.	Carbon sequestration potential of forests and trees outside forests
11.	Environmental Physiology of Mulberry

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Teacher	Title of the project	Funding agency	Total grant (in lakhs)	Duration (From- to)	Remarks
<b>Dr. T. Pullaiah</b>	Taxonomic revision of the genus <i>Caralluma</i> (Asclepiadaceae) and assesmnet of intraspecific variations	DST	10.56	2008-11	Completed
-do-	<i>In vitro</i> propagation, conservation and bioprospecting of <i>Ceropegia juncea</i> and <i>Ceropegia candelabrum</i>	UGC	8.20	2008-11	Completed
-do-	Survey, conservation and utilization of Bryophytes in Andhra Pradesh	CSIR	15.21	2007-10	Completed
-do-	Flora and fauna of Thummalapalli Uranium mining area	BARC	33.21	2008-13	Completed
-do-	Film on Flora and fauna of Thummalapalli Uranium mining area	BARC	15.39	2010-13	Completed
-do-	<i>Brachystelma</i> in India	UGC BSR FF	15.70	2011-14	Completed
<b>Dr.R.R. Venkata Raju</b>	Medicobotany, Phytochemistry and Antimicrobial evaluation of <i>Phyllanthus</i> species (Euphorbiaceae) from EG, Andhra Pradesh.	UGC	8.65	2009-12	completed
-do-	Bioprospecting of certain potential medicinal plants	UGC-OTG	7.00	2013-15	completed
-do-	Systematic studies of <i>Euphorbia</i> species (Euphorbiaceae) from South India	CSIR	23.00	2013-16	On going
<b>Dr. C.Sudhakar</b>	Cloning, characterization and expression of drought stress responsive genes from horsegram ( <i>Macrotyloma uniflorum</i> Lam. Verdc.), a dry land legume grain crop	DST	16.50	2007-10	completed
-do-	Identification, cloning and expression analysis of WRKY Transcription factor genes from safflower ( <i>Carthamus tinctorius</i> L.) in response to drought stress	CSIR	30.00	2012-'15	completed
-do-	Molecular Cloning and expression analysis of drought stress responsive NAC Transcription Factor family genes from horsegram ( <i>Macrotyloma uniflorum</i> Lam. Verdc.).	DST	34.00	2012-'15	Completed
-do-	Research Grant	UGC-OTG	7.00	2012-14	completed
-do-	"Characterization of stress responsive genes from safflower ( <i>Carthamus tinctorius</i> L.) substacked cDNA library	DBT	63.00	2008-11	completed

	and functional analysis of candidate genes for drought tolerance				
	Proteome analysis of horsegram ( <i>Macrotyloma uniflorum</i> Lam. (Verdc.) a dry land legume crop subjected to drought stress	UGC	6.20	2009-12	completed
<b>Dr.B. Ravi Prasad Rao</b>	National Carbon Pool assessment Project –Vegetation Carbon Pool	NRSC	5.7	2008-11	completed
-do-	Development of national forest fire danger rating and ecological damage assessment using multi-sensor satellite and ground based data	NRSC	6.65	2009-12	completed
-do-	Phytosociology and eco-physiology of crop weeds in Rayalaseema region of Andhra Pradesh	UGC	10.90	2010-13	Completed
-do-	Quantitative assessment and mapping of plant resources of Andaman & Nicobar Islands	DBT	48.19	2010-15	completed
-do-	Database for flowering plants of Andhra Pradesh	NBA	1.50	2013-14	completed
-do-	National Carbon Pool Assessment-Vegetation Carbon Pool-II	NRSC	17.12	2012-17	On going
-do-	Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools	DBT	25.85	2012-17	On going
<b>Dr.S.Thimma Naik</b>	“Characterization of stress responsive genes from safflower ( <i>Carthamus tinctorius</i> L.) substracted cDNA library and functional analysis of candidate genes for drought tolerance	DBT	-	-	As Co-PI
-do-	Studies on Nutrition Quality Of Mulberry ( <i>Morus alba.</i> )” Cultivars	UGC	10.60	2010-13	completed
<b>Dr.S.Sandhya Rani</b>	Film on Flora on Flora and Fauna of Thummala Palli Uranium Mining Area	BARC	16.50	2011-13	completed

18. **Inter-institutional collaborative projects and associated grants received**

- a) National collaboration - Yes  
b) International collaboration - No

<i>Sl. No.</i>	<i>Title</i>	<i>Period</i>	<i>Funding Agency</i>	<i>Other institutions</i>	<i>Grants Received</i>
1.	Quantitative assessment and mapping of plant resources of Andaman & Nicobar Islands	2010-15	Department of Biotechnology	University of Agricultural Sciences, Bangalore; Botanical Survey of India, Kolkata and Port Blair	1.60 Crore
2.	Preventing extinction and improving	2012-17	Department of	Regional Plant Resource Centre,	1.2 Crores

	conservation status of threatened plants through application of biotechnological tools		Biotechnology	Bhubaneswar; Orissa University of Agriculture and Technology	
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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

The department has received

1. DST FIST Phase I and Phase II – Rs.95.0 lakhs
2. UGC- SAP Phase I – Rs.43.0 lakhs

20. Research facility / centre with

- state recognition - Yes, State of the Art laboratory for Molecular Biology
- national recognition - Yes, Plant Germplasm centre for rare and threatened species (RET species)
- international recognition - Yes, Herbarium with Acronym 'SKU'

21. Special research laboratories sponsored by / created by industry or corporate bodies

Advanced Research Laboratory (Molecular Biology) established under AP-Netherlands Project

22. Publications: (Details vide Annexure -I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals	29	30	36	44	39
2.	National	17	17	19	27	21
3.	international	12	13	17	17	18
4.	Monographs	-	-	-	-	-
5.	Chapters in Books	4	3	5	3	6
6.	Edited Books	01	01	03	02	-
7.	Text/Reference Books	07	06	07	06	03
8.	No listed in Int.database	12	12	16	16	14
9.	CitationIndex-range / average	75	75	90	100	80
10.	Impact Factor range/average	1-2	1-3	1-3	1-3	1-3
11.	h-Index	03	05	06	09	08

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated:

Consultancy is provided by the faculty on cultivation of Medicinal plants and other resistant crops to the farmers, Biodiversity characterisation and Evaluation of RET species in forests to Department of forestry Govt of India free of cost.



25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Sl. No	Name of the Teacher	Purpose of visit	Name of the Institution & Country
1.	Prof.C.Sudhakar	Visiting Research Scientist	Max Planck Institute for Plant Molecular Physiology and University of Potsdam, Golm, Berlin Germany under DAAD Research Stay programme for Academics from <b>2.9.2010 to 16.10.2010.</b>

26. Faculty serving in

- a) National committees : **Nil**  
 b) International committees : **Nil**  
 c) Editorial Boards:

**Prof. B. Ravi Prasad Rao**

Subject Editor, Journal of Threatened Taxa (International Refereed Journal)  
 Member, Editorial Board, Bioscience Discovery (National Refereed Journal)  
 Member, Editorial Board, Plant Science Research (National Refereed journal)  
 Member, International Journal of Multidisciplinary Research and Modern Education (IJMRME)

- d). any others:

The senior faculty have been involved in national committees constituted for different purposes and most of them are time bound and also on confidential basis.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**Dr S. Sandhya Rani**, Asst Professor has participated in the programmes as depicted below:

Sl. No.	Title of the programme	Period	Name of the Institution
1.	Traditional and modern Approaches in Plant Taxonomy sponsored by DST, New Delhi	15 - 26 Feb 2015	Sir M Visvesvaraya Institute of Technology, Bengaluru
2.	Orientation course, sponsored by UGC, New Delhi	11-6-2015 to 08-7-2015	University of Hyderabad, Hyderabad
3.	Capacity building of women managers in higher education sponsored by UGC, New Delhi	08-12 Feb 2011	Centre for the study of Social exclusive and inclusive policy, S.K. University Sponsored by UGC, New Delhi
4.	Environmental degradation and Management	22-23 Sep 2011	Dept of Geography, SK University, Anantapur
5.	Mushroom cultivation sponsored by UGC, New Delhi	12-13 Nov 2014	Dept of Botany, SV University, Tirupathi sponsored by UGC, New Delhi

28. **Student projects**  
 Percentage of students who have done in-house projects including inter-departmental projects: 100%  
 percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. **Awards / recognitions received at the national and international level by Faculty**

**Prof. RR Venkata Raju**

1. Elected Fellow of AP Science Akademi – 2011

**Prof C. Sudhakar**

1. DAAD Research Stay Award for Academia and Researchers 2010
2. State Award for Teachers by Govt. of Andhra Pradesh – 2014
3. Elected Fellow of AP Science Akademi – 2011

**Prof B. Ravi Prasad Rao**

1. Fellow, Indian Association of Angiosperm Taxonomy (FIAT)
2. Councillor, Indian Association for Angiosperm Taxonomy (2010-2013)
3. Member, Indian Subcontinent Plant Specialist Group (ISPSG), Species Survival Commision (SSC), International Union for Conservation of Nature (IUCN) 2009-till date.
4. State Award for Teachers by Govt. of Andhra Pradesh, 2015

**Doctoral/ Post doctoral fellows**

1. Mr. M. Sivakumar was awarded DAAD Shot term programme and worked at MPI and University of Potsdam September 2010.
2. Dr. K Eswara Narayana Reddy was awarded Post doctoral Fellowship from Hallyam University, South Korea. 2010
3. Dr. M. Manjulatha was awarded Post doctoral Fellowship from Korea. 2011
4. Dr. M. Sivakumar awarded Post Doctoral Fellowship from ARO, Israel. 2012, CAS China 2015
5. Dr. G. Veeranaga Mallaiah was awarded Post Doctoral Fellow at Israel 2013
6. Dr. M. Ramya, was awarded Post Doctoral Fellow at South Korea 2014
7. Dr. M. Pandurangaiah was awarded CSIR Research Associate 2012.
8. Dr.M. Pandurangaiah was awarded Post Doctoral Fellowship, Chinese University of Hong Kong, Hong Kong, Jan 2014
9. Dr. M. Pandurangaiah was awarded PDF in University of Shenzen, China 2015.
10. Dr. Salamma was awarded PDF (UGC) in February, 2015.

c. **Students : Nil**

30. **Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.**

Sl. No.	Title of the program	Period	Sponsored Organisation
1	Trends in Plant Sciences	25-26 March, 2011	UGC

31. **Code of ethics for research followed by the departments**
1. The faculty in the department have been organised in the form of sub-committees in order to maintain originality in the selection of research problems and also to avoid duplication of titles for doctoral programs
  2. Established perfection in review of literature and maintain uniformity in expressing the acknowledgements.

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc : 2010-11	650*	11	5	100	100
:2011-12	575*	9	10	100	100
: 2012-13	489*	8	6	100	100
:2013-14	250	6	11	100	100
:2014-15	256	13	8	100	100
M.Phil: 2010-11	64	3	2	100	100
Ph.D : 2010-11	185	18	8	100	100

33. **\* Common entrance examination for SVU Region Diversity of students**

Name of the Programme (refer to question no. 4)	% of Students from the Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc : 2010-11	60	30	10	nil
:2011-12	60	40	nil	nil
: 2012-13	70	30	nil	nil
:2013-14	65	35	nil	nil
:2014-15	70	30	nil	nil
M.Phil: 2010-11	80	20	nil	nil
Ph.D : 2010-11	65	30	05	nil

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**
- CSIR NET & Lectureship: 12
  - SET: 25
  - GATE: 15

35. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	10%
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	10%
Employed	10%
Campus selection	
Other than campus recruitment	20%
Entrepreneurs	10%

36. **Diversity of staff Percentage of faculty who are graduates – of the same University 100%**

<i>Percentage of faculty who are graduates of the same University</i>	
<i>from the same University</i>	100 %
<i>from other universities within the State</i>	Nil
<i>from universities from other States from</i>	Nil
<i>from universities outside the country</i>	Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil**

38. **Present details of departmental infrastructural facilities with regard to**

- a) **Library** : 350 Books, contributed/ donated by the Alumni of the Department
- b) **Internet facilities for staff and students** : University LAN
- c) **Total number of class rooms:** 04
- d) **Class rooms with ICT facility** : 02
- e) **Students' laboratories** :02
- f) **Research laboratories:** 04

**The equipment facilities in the laboratories:**

- PCR-Machine thermal cycler
- Roto-flash evaporator
- Research Microscopes
- Refrigerated Centrifuge
- Laminar flow chambers
- Plant growth chamber
- Real time PCR system
- Deep Freezer -80C
- Ice making machine
- Shaking incubator
- Ligation Bath
- Thermostat Heating Blocks
- Electronic Pipettes
- UV-vis spectrophotometer
- -20 Freezers
- Hybridization oven
- Incubator shaker Electrophoresis unit with power supply

**Facilities Acquired under DST FIST: 2010-2015**

- Proteomic work station
- UV- Vis Spectrophotometer
- Deep Freezer -80C
- Gel Documentation system
- Advanced Microscope
- Olympus Camera with software for existing Olympus stereo zoom microscope
- Sonicator Ultra
- Automated Micro Kjeldahl Unit

**Facilities Acquired under UGC- SAP: 2011-2015**

- Roto-flash evaporator
- HPLC ( To be procured)
- IRGA Photosynthesis unit (To be procured)

39. **List of doctoral, post-doctoral students and Research Associates**  
from the host institution/University: PDF and RA

<i>Sl. No.</i>	<i>Name of the Fellow</i>	<i>Funding Organisation</i>
1.	Dr Y. Padma – PDF (2013)	UGC
2.	Dr. M. Pandurangaiah-RA (2013)	CSIR
3.	Dr.AM Antony Johnson-PDF (2014)	DST-SERB
4.	Dr. K. Rajasekhar – RA (2014)	CSIR
5.	Dr. S. Salamma – RA (2015)	UGC

**Doctoral students obtained Ph.D degree during the period:**

<i>Sl. No.</i>	<i>Name of the student</i>
1.	A.Ugraiah
2.	M. Sowgandhika
3.	Johnson Saturas
4.	K.Eswarnarayan Reddy
5.	M. V. Suresh babu
6.	P. V. Krishna Reddy
7.	M. Naveen
8.	M. Manjulatha
9.	M. Siva Kumar
10.	B.Susheela
11.	G.Tirupathi Reddy
12.	P. Venkata Krishnaiah
13.	Y. Padma
14.	C.Lakshminarasimhudu
15.	M. Pandurangaiah
16.	A. Narayanaswamy
17.	V. SreenivasaRao
18.	P. Priyadarsini

19.	M. Ramya
20.	K. Prasad
21.	D. Veeranjanyulu
22.	K. Prasad
23.	K.Raja Kullayi Swamy
24.	K. Rajasekhar
25.	K. Gnaneswari
26.	Owku Sudhakar Babu
27.	S. Salamma
28.	B. Swetha
29.	M. Bheemalingappa
30.	B.V. Kristappa
31.	A. Naresh kumar

**a. from other institutions/universities:**

<i>Sl. No.</i>	<i>Name of the Fellow</i>	<i>Funding Organisation</i>
1	Dr.AM Antony Johnson-PDF (2014)	DST-SERB

40. Number of post graduate students getting financial assistance from the University:  
Social Welfare scholarships are provided to most of the students every year
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Not Applicable
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation?  
Yes, the feedback obtained from the faculty on the curriculum is used to revise the curriculum to strengthen the aspects as per the requirement.
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Yes, apart from feedback obtained by IQAC, the dept also obtains feedback from students through informal interactions and uses it for improving teaching performance.
  - alumni and employers on the programmes offered and how does the department utilize the feedback?  
Yes, the department obtains feedback from alumni and employers through interaction by the faculty at times and the same is used in revising the curriculum.

43. List the distinguished alumni of the department (maximum 10)

<i>Sl. No.</i>	<i>Name</i>	<i>Period of study</i>	<i>Position</i>
1.	Prof. N. Yasodamma	1980-86	Professor of Botany, SV University, Tirupathi
2.	Sri D. Narahara	1980-84	Additional Superintendant of Police, Kurnool, Govt of AP

3.	Smt. R. Shobha	1982-84	Conservator of Forests, Govt of AP
4.	Dr. S. Ramanjulu	1985-93	Associate Professor, Oklahoma state University, USA
5.	Dr. P.V.Prasanna	1981-87	Director, CNH, BSI, Howrah
6.	Dr. N. Sreenivasulu	1996-98	Chief Scientist, IRRI, Manila, Phillippines.
7.	Prof. A. Matta Reddy	1988-95	Head, Dept.of Life Sciences, Adikavi Nannaya University, Rajahmundry

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Name	Period	Topic
1.	Prof Sivasankara Murthy	Nov 2013	Ethnobotany
2.	Prof. Travis Columbus, University of California, Claremont, USA has presented a lecture on on ‘	October 9, 2013	Grass diversity and phylogeny

45. List the teaching methods adopted by the faculty for different programmes.

1. Power point presentations through electronic gadgets
2. One to one interactions on latest trends in the subject
3. Tutorials for different groups as per the student options with special reference to the student projects.
4. Oral presentations
5. Interactive sessions
6. Question-Answer sessions
7. Recapping sessions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Evaluation system is critical to monitor the students phase wise through internal assessments, seminars on concerned topics in the curriculum and also on popular topics related to academic and R & D issues.
2. Conducting on line tests besides the regular semester end examinations.

47. Highlight the participation of students and faculty in extension activities.

1. All PG students are involved in the development activities of University botanical garden along with Prof. B. Ravi Prasad Rao, Botany faculty who is also executing the duties as University Landscape officer/ Estate Officer.
2. Prof. B. Ravi Prasad Rao is the convener for ‘model nursery programme’ sanctioned to S.K.University by APMAPB through NMPB, New Delhi and pursuing day to day activities.
3. Students of every batch for the past 10 years made fire breaks around trees in the campus and thereby prevented the fire.
4. Prof. B. Ravi Prasad Rao delivered popular lectures on environment and biodiversity in 32 seminars over the past 5 years.

48. Give details of “beyond syllabus scholarly activities” of the department.

The students and research scholars are involved in conducting weekly seminars on extracurricular aspects mainly on National and International issues.

49. State whether the programme/ department is accredited/ graded by other agencies?

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:.

The faculty have brought out several text and reference books at different levels. The research work of the faculty has been commendable.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. High potency in R & D activities
2. Internationally recognised Herbarium (Acronym SKU)
3. Sophisticated laboratories for Plant molecular biology, Pharmacognosy and Biodiversity conservation.
4. Open mindedness with high integrity values of the faculty, involved in the development activities of the institution

**Weakness:**

1. Space constraints
2. Lack of continuous water and power supply

**Opportunities:**

1. International database on rare and threatened species with special reference to medicinal importance
2. Establishment of Germplasm centre for wild crop relatives.

**Challenges:**

1. Inadequate talented research scholars
2. Financial constraints

52. Future plans of the department:

The faculty are interested to develop the Germplasm centre for threatened species with special reference to high potentials of medicinal and economic importance.



**Annexure – I:  
Research Publications**

**PROF T. PULLAIAH** (Retired on 31<sup>st</sup> May 2011 and served as UGC-BSR Fellow 2011-'14 )

**BOOKS**

1. Suresh Narayana, P. and Pullaiah, T. 2010. Botanists of India - Past and Present. Regency Publications, 4760-61/23, Ansari Road, Darya Ganj, New Delhi - 110002
2. Pullaiah, T., Sandhya Rani, S. and Karuppusamy, S. 2010. Flora of Eastern Ghats. Vol. 4. Regency Publications (Division of Daya Publishing House), 4760-61/23, Ansari Road, Darya Ganj, New Delhi - 110002
3. Pullaiah, T. and Suresh Narayana, P. 2011. Textbook of Pharmacognosy. Vol.1. Ikon Books, B-37, First Floor, Office No. 105, Street No. 14, Madhu Vihar, IP Extension, Patparganj, New Delhi -110 092.
4. Pullaiah, T. 2011. Biodiversity in India Vol. 5. Regency Publications (Division of Daya Publishing House, 4760-61/23, Ansari Road, Darya Ganj, New Delhi - 110002.
5. Pullaiah, T. 2011. Plant Tissue Culture - Emerging Trends Regency Publications, 4760-61/23, Ansari Road, Darya Ganj, New Delhi - 110002.
6. Pullaiah, T. 2012. Encyclopaedia of Herbal Antioxidants. Regency Publications (Division of Daya Publishing House), 4760-61/23, Ansari Road, Darya Ganj, New Delhi - 110002
7. Karuppusamy, S., Ugraiah, A. and Pullaiah, T. 2013. *Caralluma* (sensu lato) - Antiobesity Plants. Regency Publications, Astral International Pvt., Ltd., 81, Darya Ganj, Near Hindi Park, Delhi Medical Association Road, New Delhi 110002.
8. Pullaiah. 2013. Text Book on Biosystematics. Regency Publications, Astral International Pvt., Ltd., 81, Darya Ganj, Near Hindi Park, Delhi Medical Association Road, New Delhi 110002.
9. Pullaiah, T. 2013. Abiotic stress and Biotechnology. Regency Publications, Astral International Pvt., Ltd., 81, Darya Ganj, Near Hindi Park, Delhi Medical Association Road, New Delhi 110002.
10. Pullaiah, T. and Jaganmohan Reddy, K. 2013. Biodiversity. Volume 6. Regency Publications, Astral International Pvt., Ltd., 81, Darya Ganj, Near Hindi Park, Delhi Medical Association Road, New Delhi
11. Sharma, K.L.A.P., B.Ravindra Reddy and T.Pullaiah. 2013. Biostatistics. Daya Publishing House, A division of Astral International Pvt. Ltd., 81, Darya Ganj, Near Hindi Park, Delhi Medical Association Road, New Delhi 110002.
12. Suresh Narayana, P., Varalakshmi D. and Pullaiah, T. 2014. Pharmacognosy volume 2. CBS Publishers & Distributors, New Delhi.
13. Pullaiah, T, Karuppusamy, S. and Sandhya Rani, S. (eds.). 2014. Biodiversity in India Volume 7. Regency Publications.
14. Pullaiah, T., 2014. Objective Botany (for Civil Services, Sttye Services, NET, SET etc.). Regency Publications.
15. Sandhya Rani, S., Sowghandika, M., Nagesh, K.S., Susheela, B. and Pullaiah. 2014. Bryophytes in Andhra Pradesh. Bishen Singh Mahendra Pal Singh, Dehra Dun.
16. Pullaiah, T (ed.) 2014. Biotechnology for Sustainable development. Regency Publ, New Delhi.
17. Pullaiah, T. 2015. Flora of Telangana. 3 volumes. Regency Publications, New Delhi Rs. 6995/-
18. Meerabai, G. and T.Pullaiah. 2015. Plant Biodiversity, Conservation and Management. Daya Publishing House, New Delhi.

## PAPERS

1. Ugraiah, A., Karuppusamy, S. and Pullaiah, T. 2010. Micropropagation of *Marsdenia brunoniana* Wight & Arn. a rare antidiabetic plant. Plant Tissue Culture and Biotechnology **20**:7-12.
2. Nagesh, K.S., Shanthamma, C. and Pullaiah, T. 2010. Somatic embryogenesis and plant regeneration from callus cultures of *Curculigo orchioides* Gaertn. Indian J. Biotech. **9**: 408-413.
3. Sri Rama Murthy, K., Kondamudi, R. and Pullaiah, T. 2010. High frequency somatic embryogenesis in *Ceropegia spiralis* Wight – An endemic and endangered medicinal plant. Indian J. Biotech. **9**: 414-418.
4. Ugraiah, A., Karuppusamy, S., Sandhya Rani, S. and Pullaiah, T. 2010. Notes on *Boucerosia indica* (Wight. & Arn.) Plowes (Family: Asclepiadaceae). J. Econ. Tax. Bot. **34(4)**: 886-889.
5. Raja Sreelatha, V. and Pullaiah, T. 2010. Induction of somatic embryogenesis and plant regeneration from internodal explants of *Caralluma stalagmifera*. Botany Research International **3(1)**: 17-20.
6. Ugraiah, A., Raja Sreelatha, V., Krishna Reddy, P.V., Rajasekhar, K., Sandhya Rani, S., Karuppusamy, S. and Pullaiah, T. 2011. *In vitro* shoot multiplication and conservation of *Caralluma bhupinderiana* Sarkaria – an endangered medicinal plant from South India. Afr. J. Biotech. **10(46)**: 9328-9336.
7. Sandhya Rani, S., Sowghandika, M., Susheela, B., Nagesh, K.S. and Pullaiah, T. 2011. Additions to the Bryoflora of southern Peninsular India. J.Indian Bot. Soc. **90(1&2)**: 75- 79.
8. Aswarthappa, B., Thirupal Reddy, B., Ali Moulali, D., Chandra Sekhar, M.V. and Pullaiah, T. 2011. Antimicrobial activity of shoot extract of *Cryptolepis buchanani*. J. Trop. Med. Plants. **12(1)**: 1-3.
9. Raja Sreelatha, K., Karuppusamy, S. and Pullaiah, T. 2011. Micropropagation of *Caralluma sarkariae* Lavranos & Frandsen: An important medicinal plant. Plant Tissue Culture and Biotechnology
10. Sowghandika, M., Sandhya Rani, S., Susheela, B. and Pullaiah, T. 2011. Musci in Visakhapatnam district of Andhra Pradesh. Journal of Economic and Taxonomic Botany **35(3)**: 516-528.
11. Krishnareddy, P.V., Karuppusamy, S. and Pullaiah, T. 2011. *In vitro* propagation of *Ceropegia juncea*. African J. Plant Sci. **5(14)**: 813-818. DOI: 10.5897/AJPS11.093.
12. Amarnath Reddy, Y., Indira, P., Sandhya Rani, S., Sadasivaiah, S., Raja Kullai Swamy K. and Pullaiah, T. 2011. *Fejervarya caperata* (Anura: Dicroglossidae) – A new distributional record to Andhra Pradesh, India. J. Basic & Applied Biol. **5(3&4)**: 110-113.
13. Karuppusamy, S., Ugraiah, A. and Pullaiah, T. 2012. Morphological and reproductive variations within *Boucerosia umbellata* complex (Family: Apocynaceae; Subfamily: Asclepiadoideae). The International Journal of Plant Reproductive Biology **4(1)**: 53-60.
14. Sandhya Rani, S., Sowghandika, M., Kiran Kumar, T.V. and Pullaiah, T. 2012. Bryophyte diversity in East Godavari District, Andhra Pradesh. The Journal of Plant Science Research **28(1)**: 87-95.
15. Amrutha Lakshmi. P. and Pullaiah, T. 2012. Phytochemical and antimicrobial studies of some species of *Adiantum* Linn. J. Trop. Med. Plants **13(1)**: 29-31.
16. Sri Rama Murthy, K., Kondamudi, R., Chandrasekhara Reddy, M., Karuppusamy, S. and Pullaiah, T. 2012. Checklist and conservation strategies of the genus *Ceropegia* in India. International Journal of Biodiversity and Conservation **4(8)**: 304-315.

17. Krishnareddy, P.V. and Pullaiah, T. 2012. *In vitro* conservation of *Ceropegia elegans* – an endemic plant of South India. African J. Biotech. **11**: 12443-12449. DOI: 10.5897/AJB 11.4302
18. Sri Rama Murthy, K., Kondamudi, R., Chalapathi Rao, P.V. and Pullaiah, T. 2012. *In vitro* flowering – A review. Journal of Agricultural Technology **8(3)**: 1517-1536
19. Ramadevi, T., Ugraiah, A. and Pullaiah, T. 2012. *In vitro* shoot multiplication from nodal explants of *Boucerosia diffusa* Wight – An endemic medicinal plant. Indian J. Biotech. **11**: 344-347.
20. Chandrasekhara Reddy, M., Sri Rama Murthy, K. and Pullaiah, T. 2012. Synthetic seeds: A review in agriculture and forestry. African J. Biotech. **11**: 14254-14275.
21. Aruna, V., Kiranmai, C., Karuppusamy, S. and Pullaiah, T. 2012. Influence of aseptic seedling explants on *in vitro* shoot multiplication of *Caralluma adscendens* var. *attenuata* Wight. African J. Plant Sci. **6(11)**: 290-294. DOI: 10.5897/AJPS12.002
22. Aruna, V., Kiranmai, C., Karuppusamy, S. and Pullaiah, T. 2012. Effect of medium, explants, cytokinins and node position on *in vitro* shoot multiplication of *Caralluma lasiantha* (Wight) N.E.Br. – an endemic and medicinally important plant. African J. Biotech. **11**: 15523-15528.
23. Pullaiah, T. 2012. An overview on Biodiversity and conservation perspectives. Bioherald **29(1)**: 1-14.
24. Pullaiah, T., Vijaya Kumar, A.S., Sandhya Rani, S. and Sowghandika, M. 2012. Bryophyte diversity in Guntur district, Andhra Pradesh. J. Indian Bot. Soc. **91(1-3)**: 264-271.
25. Rajakullayiswamy, K., Sandhyarani, S., Karuppusamy, S. and T.Pullaiah. 2012. The rediscovery of *Brachystelma volubile* (Apocynaceae- Asclepiadoideae). Rheedeia **22(2)**: 107-110.
26. Kiranmai, C., Aruna, V. and Pullaiah, T. 2012. *In vitro* propagation of *Caralluma pauciflora* shoot tip culture. Journal of Tropical Medicinal Plants **13(2)**: 163-166.
27. Pullaiah, T., T.Sreedevi, S.Sandhya Rani and M.Sowghandika. 2012. Bryophyte diversity in Nellore district, Andhra Pradesh. J. Swamy Bot. Cl. **29**: 49-54.
28. Ramanjaneyulu, D., S.Sandhya Rani, M.Sowghandika and T.Pullaiah. 2012. Bryophyte diversity in Kurnool district, Andhra Pradesh. Journal of Economic and Taxonomic Botany **36 (4)**: 674-679.
29. Sadasivaiah, B. and T.Pullaiah. 2012. *Hybanthus stellaroides* (Domin.) P.I.Forst. – (Violaceae) first report for Eastern Ghats. Indian J. Trop. Biodiv. **20(2)**: 213-214.
30. Bahadur, B., Pullaiah, T. and Murthy, G.V.S. 2013. Systematics of Indian Jatrophas. In: B.Bahadur et al. (eds.). Jatropha, Challenges for a New Energy Crop: Volume 2: Genetic Improvement and Biotechnology. Springer Science + Business Media, New York. pp. 153-186. DOI 10.1007/978-1-4614-4915-7\_10
31. Pullaiah, T. and Bahadur, B. 2013. Economic and Medicinal Importance of Jatrophas. In: B.Bahadur et al. (eds.). Jatropha, Challenges for a New Energy Crop: Volume 2: Genetic Improvement and Biotechnology. Springer Science + Business Media, New York. Pp. 187-217. DOI 10.1007/978-1-4614-4915-7\_11
32. Indravathi, G. and Pullaiah, T. 2013. *In vitro* propagation of *Albizia amara*. African J. Plant Sci. **7(1)**: 1-8. DOI: 10. 5897/AJPS 12.057.
33. Amarnath Reddy, Y., Indira, P., Pullaiah, T., Sadasivaiah, B., Rajakullai Swamy, K. and Sandhya Rani, S. 2013. Range of extension of Indian Golden Gecko *Calodactylodes aureus* in Andhra Pradesh, India. Reptile Rap # **15** pp. 41-42.
34. Raja Kullayiwamy, K., Sadasivaiah, B., Sandhya Rani, S., Amarnath Reddy, Y. and Pullaiah, T. 2013. Flora of Thummalapalle Uranium Mining Area, Andhra Pradesh,

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<u>Citations</u>	<b>345</b>	<b>234</b>
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<u>Citation indices</u>	All	Since 2010
<u>Citations</u>	1960	1194
<u>h-index</u>	22	18
<u>i10-index</u>	36	26

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#### PROF. B. RAVI PRASAD RAO

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2. **Ravi Prasad Rao, B.,** M.V. Suresh Babu and John Donaldson (2010) A reassessment of the conservation status of *Cycas beddomei* Dyer (Cycadaceae), an endemic of the Tirupati-Kadapa Hills, Andhra Pradesh, India, and comments on its CITES status. *Encephalartos* 102: 19-24.
3. **Ravi Prasad Rao, B.,** P. Priyadarsini, M.V. Suresh Babu and V. Srinivasa Rao (2010) Occurrence of East Himalayan floral elements in the Eastern Ghats of Andhra Pradesh: IV. Monocots (excluding orchids, sedges and grasses) *Pleione* 4(2) 40-246.
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7. **Ravi Prasad Rao, B.** and P.V. Prasanna (2010) Conspectus of Angiosperm Phylogeny Group Classification and its application to flowering plants of India. *Ind. J. Forestry* 33 (4): 569-584.
8. **Ravi Prasad Rao, B.,** M.V. Suresh Babu, V. Srinivasa Rao, S. Sunitha and K.N. Ganeshaiah (2011) Are sacred groves better managed than natural forest? *Tropical Ecology* 52 (1): 79-90.
9. **Ravi Prasad Rao, B.** and K. Prasad (2011) *Geodorum laxiflorum* Griffith (Orchidaceae), a new distributional record for southern peninsular India. *J. Ind. Bot. Soc.* 90 (1&2) 2011: 195-196.
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37. Veeranjanyulu D., A. Lakshmaiah and **B. Ravi Prasad Rao** (2013) *Fimbristylis salbundia* and *Queenslandiella hyalina* (Cyperaceae), new distributional records for Andhra Pradesh. *Indian Journal of Forestry* 36 (2): 277-278.
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<u>Citation indices</u>	All	Since 2010
<u>Citations</u>	112	82
<u>h-index</u>	06	06
<u>i10-index</u>	03	02

#### **PROF. S. THIMMA NAIK - PAPERS**

1. M.Jyothi, M.Prathap and S.Thimma Naik, Studies on biochemical constituents of different genotypes of *Morus alba* L. International journal of pharma and Biosciences (2014) Vol.5 (2): 835-840.
2. T.Madhu babu A.B.Srinath Reddy, P.Akbar Bhasha, and **S.Thimmanaik**<sup>1</sup> Transportation and photosynthesis as affected by Triazoles in mulberry (*Morus alba*). Indian Journal of Advances in chemical Sciences 2(4): 2014 271-274.
3. T.Madhu babu, R.Seenaiah, Akbar Bhasha and **S.Thimmanaik**<sup>1</sup>, Studies on the biochemical and bioassay different varieties of mulberry (*Morus alba*). leaves fed by Silkworm in relation to Silk production. International journal of Biological Pharmaceutical Research 5 (8) 664-667.
4. T.Madhu babu P.Chandraobul Reddy and S.Thimmanaik<sup>1</sup> Comparative studies of protein patterns in five Mulberry (*Morus alba*.) cultivars through SDS-PAGE, journal of pharmacy and chemistry December 2014. Vol.8.page.no.31-33

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2. Pullaiah, T, Karuppusamy, S. and Sandhya Rani, S. (eds.). 2014. Biodiversity in India Volume 7. Regency Publications.
3. Sandhya Rani, S, Sowghandika, M., Nagesh, K.S., Susheela, B. and Pullaiah. 2014. Bryophytes in Andhra Pradesh. Bishen Singh Mahendra Pal Singh, Dehra Dun.

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2. **Sandhya Rani**, S. M. Sowghandika, B. Susheela, K.S.Nagesh and T. Pullaiah 2011. Additions to the Bryoflora of Southern Peninsular India. *J. Indian Bot. Soc.* Vol. 90(1&2) 75-79
3. T. Pullaiah, S.Vijayakumar, **S. Sandhya Rani** and M. Sowghandika, . 2011. Bryophyte
4. Diversity in Guntur District, Andhra Pradesh *Jour Indian Bot. Soc.* Vol 91 (1-3) 264- 271.
5. A. Ugraiah, V. Raja Sreelatha<sup>1</sup>, P.V. Krishna Reddy<sup>1</sup>, K. Rajasekhar<sup>1</sup>, **S. Sandhya Rani**<sup>1</sup>, S. Karuppusamy<sup>2</sup> and T. Pullai<sup>1</sup>. 2011. *In vitro* shoot multiplication and conservation of *Carallumabhupenderiana* Sarkaria – an endangered medicinal plant from South India. *African Journal of Biotechnology* Vol. 10 (46), pp. 9328-9336. I.F: 0.57
6. M. Sowgandhika, **S. Sandhya Rani**, B. Susheela and T. Pullaiah. 2011. Musci in Visakhapatnam district of Andhra Pradesh, India *J. Econ. Taxon. Bot.* Vol. 35(3): 516-528.
7. Y.Amarnath Reddy, P.Indira, **S. Sandhya Rani**, B.Sadasivaiah, K Rajakullayiswamy, and T.Pullaiah 2011 FEJERVARYA CAPTERATA (ANURA: DICROGLOSSIDAE) A new distributional record to Andhra Pradesh, India. *Journ. Basic & Applied Biology* Vol 5 (3& 4), 2011, Pp 110-113
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9. T. Pullaiah, T. Sreedevi, **S. Sandhya Rani** and M. Sowghandika 2012. Bryophyte Diversity in Nellore District, Andhra Pradesh *Jour Swamy Bot-cl.29*: 49-54
10. Ramanjaneyulu D., **S. Sandhya Rani**, M. Sowgandhika, and T. Pullaiah. 2012. Bryophyte diversity in Kurnool district of Andhra Pradesh. *J. Econ. Taxon. Bot.* 36(4): 674-679.
11. Y.Amarnath Reddy, P.Indira, T.Pullaiah, B.Sadasivaiah, K Rajakullayiswamy, and **S. Sandhya Rani** 2013 Range extension of Indian Golden Gecko *Calodactylodesaureus* in Andhra Pradesh, India *REPTILE RAP* 41-42
12. Rajakullayiswamy, K., **S. Sandhya Rani**, S.Karuppusamy and T. Pullaiah 2012. The rediscovery of *Brachystelmavolubile* (Apocynaceae-Asclepiadoideae) *Rheedeia* **22 (2)**: 107- 110.
13. Rajakullayiswamy, K., **S. Sandhya Rani** and S.Karuppusamy 2012. *Ceropegia pullaiahii* sp. Nov. (Apocynaceae-Asclepiadoideae) from India *Nordic Journal of Botany* 30: 001-004. Impact factor 0.875
14. Raja Kullayiswamy, K., **S. Sandhyarani** and T. Pullaiah (2013). *Sennaholosericea* (Leguminosae: Caesalpinioideae): a new distributional record for Southern Peninsular India. *Rheedeia* 23 (1): 55 – 58. 4.
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16. M. Sowgandhika, K.S. Nagesh, **S. Sandhya Rani**, B. Susheela and T. Pullaiah. 2013. Hepaticae and Anthocerotae in Visakhapatnam district of Andhra Pradesh, India *Indian Journal of Forestry* Vol. 36 (2): 261-265.



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18. K. Sri Rama Murthy, D.Ravindranath, **S. Sandhy Rani.**, and T. Pullaiah 2013. Ethnobotany and distribution of wild and cultivated genetic esources of Cucurbitaceae in the Eastern Ghats of Peninsular India. Tropical Journal of Herbal Medicine vol. 2 (6 ) pp. 149-158.
19. Raja Kullayiswamy, K., **S. Sandhya Rani** and T. Pullaiah (2014). *Euphorbia clarkeana* Hook.f. New distributional record from Eastern Ghats. Journal of Economic and Taxonomic Botany. Vol. 38(1): 107-109.

## Department of Geography

1. Name of the Department : **Geography**
2. Year of establishment : **1984-85**
3. Is the Department part of a School/Faculty of the University? :  
**Yes, Faculty of Life Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **PG, M.Phil. and Ph.D. in Geography**
5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
<b>OE-1</b>	Disaster Management	18	36	❖ Biotechnology, ❖ Botany, ❖ Sericulture, ❖ Zoology, ❖ Mathematics, ❖ Chemistry, ❖ Computer Science, Statistics & Microbiology
<b>OE-2</b>	Fundamentals of Remote Sensing	18	36	❖ Biotechnology, ❖ Botany, ❖ Sericulture, ❖ Zoology, ❖ Mathematics, Chemistry, ❖ Computer Science, Statistics & Microbiology

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : **Semester & CBCS**
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
	<b>II<sup>nd</sup> Semester</b>			
1.	English	English for communication	3	-
2.	Computer Science	Computer Ethics	1	-
3.	History	National Movement	4	15
4.	Economics	Economic Development of India & A.P	2	-
5.	Political Science	Centre State Relations in India	5	-

	<b>III<sup>rd</sup> Semester</b>			
1.	English	General Literature	4	-
2.	Political Science	Recent Trends in India's foreign Policy	5	-
3.	Economics	Economics of Social Sector	2	-
4.	History	Leaders of Modern India	4	15

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (Details as on 30-06-2015)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	01	-	04
Associate Professor	02	01	02
Asst. Professor	03	01	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Dr.M.Sambasiva Rao	M.Sc, Ph.D	Professor (CAS)	Geomorphology, Agro Climatology	30	Ph.Ds-9 M.Phil-1
Dr.A.Krishna Kumari	M.Sc, M.Phil, Ph.D	Professor (CAS)	Agricultural Geography Health Geography	26	M.Phil-1 Ph.Ds-4
Dr.Y.V.Ramanaiah**	M.A, M.Phil, Ph.D	Professor (CAS)	Agriculture Geography Urban Geography Human Geography	30	Ph.Ds-2
Dr.K.Ravindra Reddy *	M.A, Ph.D	Professor (CAS)	Geomorphology Soil Geography	25	Ph.Ds-1

\* Retired in June 2012; \*\* Retired in May 2013

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Nil**

13. Percentage of classes taken by temporary faculty - programme-wise information

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	M.Sc Geography	1	20%
2011-12	M.Sc Geography	1	20%
2012-13	M.Sc Geography	1	25%

2013-14	M.Sc Geography	1	33.33%
2014-15	M.Sc Geography	-	-

**14. Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (PG: Previous + Final Year)</i>	<i>Student: Teacher Ratio</i>
2010-11	M.Sc Geography	6:1
2011-12	M.Sc Geography	6:1
2012-13	M.Sc Geography	10:1
2013-14	M.Sc Geography	15:1
2014-15	M.Sc Geography	23:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Office Assistant	--	--	1 (Time Scale Employee)
2.	Attender	--	--	1 (Permanent)

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Geomorphology	UGC
2.	Agro climatology	ICSSR
3.	Health & Nutritional studies	UGC & ICSSR
4.	Urban Geography	ICSSR

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof.M.Sambasiva Rao	Morphological evolution and development of Land and water resources of the Kunderu River Basin using Remote sensing data.	UGC	2009-12	7.5 lakhs

2.	Prof.A.Krishna Kumari	Nutritional Standards and Deficiency Diseases in Health Care Delivery System in Drought Prone Anantapur District	UGC	2009-11	2 lakhs
----	-----------------------	--	-----	---------	---------

- |     |   |                                |
|-----|---|--------------------------------|
| 18. | Inter-institutional collaborative projects and associated grants received                                   |                                |
|     | a) National collaboration   | b) International collaboration |
|     |   | <b>Nil</b>                     |
| 19. | Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. | <b>Nil</b>                     |
| 20  | Research facility / centre with   |                                |
|     | • state recognition   |                                |
|     | • national recognition  |                                |
|     | • international recognition   | <b>Nil</b>                     |
| 20. | Special research laboratories sponsored by / created by industry or corporate bodies                        | <b>Nil</b>                     |
| 21. | Publications: <b>(Details vide Annexure- I)</b>   |                                |

<i>Sl. No.</i>	<i>Particulars</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>
1.	Number of papers published in peer reviewed journals:	---	---	---	---	---
a)	National	4	3	1	1	9
b)	International	---	---	1	2	6
2.	Monographs	---	---	---	---	---
3.	Chapters in Books	1	---	---	1	2
4.	Edited Books	1	---	---	1	---
5.	Text/ Reference books	---	8	1	2	---
6.	Number listed in International Database	---	---	---	---	---
7.	Citation Index – range / average	---	---	---	---	---
8.	Impact Factor – range / average	---	---	---	---	0.815
9.	h-index	---	---	---	---	---

- |     |  |            |
|-----|--|------------|
| 22. | Details of patents and income generated:   | <b>Nil</b> |
| 23. | Areas of consultancy and income generated:   | <b>Nil</b> |
| 24. | Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :    | <b>Nil</b> |
| 25. | Faculty serving in<br>a) National committees b) International committees c) Editorial Boards d) any other (please specify) :   | <b>Nil</b> |
| 26. | Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). |            |

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
<b>1.</b>	Prof.A.Krishna Kumari	NNRMS programme of ISRO at Indian Institute of Remote sensing, Dehradun	2010

27. **Student projects**

- percentage of students who have done in-house projects including inter-departmental projects : **Nil**
- percentage of students doing projects in collaboration with other universities / industry / institute: **Nil**

28. **Awards / recognitions received at the national and international level by**

- Faculty : **1**
- Doctoral / post doctoral fellows : **Nil**
- Students: **Nil**

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Year</i>
<b>1.</b>	Prof. Y.V.Ramanaiah	State Award for Teachers	Govt. of A.P.	2012

29. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. :**

<i>Sl. No.</i>	<i>Name of the Seminar/ Conference/ Workshop organized</i>	<i>Name of the Director/ Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of outstanding participants</i>
<b>1.</b>	National Seminar on "Environmental Degradation"	Prof.M.Sambasiva Rao	UGC	March 2011	1.Prof.Rama KrishnaRao- Andhra University 2.Prof.Bayyapu Reddy-Nagarjuna University
<b>2.</b>	National Workshop on "Environmental Degradation and Management"	Prof.M.Sambasiva Rao	A.P.State pollution control Board	Sep 2011	1.Prof.Rama KrishnaRao- Andhra University 2.Prof.Bayyapu Reddy-Nagarjuna University
<b>3.</b>	National Seminar on "Climate Change and Environmental Challenges"	Prof.A.Krishna Kumari	UGC	30-31 March 2012	1.Prof.B.Sukumar, 2.Prof.Neppoly 3.Dr.Thulasimala 4.Prof.Subbaiah 5.Dr.Rajeswari
<b>4.</b>	National Seminar on "Towards Sustainable Agriculture",	Prof.A.Krishna Kumari	UGC	15-16 Sep 2012	1. Dr. Tulasimala 2.Dr.C.N.Mattimani 3.Prof.Krishnaiah 4.Dr.Penchallaih

5.	National seminar on "Land and Water For All and Forever: Spatial Challenges and Geospatial Technologies"	Prof.A.Krishna Kumari	DST, ICSSR, MOeS & UGC	23-25 Feb 2013	1. Dr. B.Eswarappa 2. Dr. Wodeyar 3.Dr.Ashok Hanjagi 4.Dr.A.K.Rayamani 5. Dr. Geetha
----	--	-----------------------	------------------------	----------------	--

30. **Code of ethics for research followed by the departments:**

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism
- Use of data collected from the respondents strictly for research purpose only

31. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG programme (M.Sc)					
2010-11	292	13	-	100	-
2011-12	312	16	-	100	-
2012-13	285	20	3	95	100
2013-14	256	23	-	100	-
2014-15	274	20	3	90	100
M. Phil.	10	2	-	100	-
Ph.D.	42	11	3	100	100

32. **Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students From other countries
PG programme				
2010-11	60	35	5	-
2011-12	64	30	6	-
2012-13	68	29	3	-
2013-14	65	30	5	-
2014-15	63	32	5	-
M.Phil.	100	-	-	-
Ph.D.	93	-	7	-



33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	1 (Group- II)	-
2.	2011-12	-	-	-	-	-	-
3.	2012-13	-	1	-	-	-	-
4.	2013-14	-	-	-	--	-	-
5.	2014-15	-	1	-	-	-	-

34. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	2%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	5%
Employed	--
Campus selection	
Other than campus recruitment	40%
Entrepreneurs	10%

35. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	50%
From other universities within the State	50%
From universities in other states	-
From universities outside the country	-

36. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Sl. No.	Name of the Faculty member	Degree obtained	Year
1.	Nil		

37. Present details of departmental infrastructural facilities with regard to

- |   |              |
|---|--------------|
| a) Library                                    | : 2000 books |
| b) Internet facilities for staff and students | : Yes        |
| c) Total number of class rooms                | : 2          |
| d) Class rooms with ICT facility              | : 1          |
| e) Students' laboratories                     | : 1          |
| f) Research laboratories                      | : --         |

38. List of doctoral, post-doctoral students and Research Associates:  
 a. from the host institution/University: **3 Post-Doctoral, 13 Doctoral**

**POST-DOCTORAL FELLOWS**

1. T.Somasekhara Reddy ICSSR- date of joining 12<sup>th</sup> March,2013
2. K.Somanna ICSSR- date of joining 13<sup>th</sup> November,2013
3. M.Karunakara Rao ICSSR- date of joining 13<sup>th</sup> November,2013

**Doctoral Fellows: (joined in March, 2011-full time)**

1. J. Gopi
  2. A. Seshadri
  3. K. Raghuveera Naidu(Awarded)
  4. A.Parameswara
  5. P.Thimmappa
  6. N. Madhana Baskar (Awarded)
  7. C.Ramanna (Awarded)
  8. K. Kusma Kumari (Awarded)
  9. U.Sudhakar
  10. Y.Jayalalitha (from Osmania University) (Awarded)
  11. K.Aliavelamma
  12. G.Sateesh Kumar
  13. Y.Chinnaiah (Awarded)
  14. G.Rambabu (Awarded)
- b. from other institutions/universities:
- i. Ms. Y.Jayalalitha who did her M.Sc.Geography in Osmania University, joined here for Ph.D and got awarded in 2015.
  - ii. No part time Ph.D scholars in the department

39. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	3	3	7	---	10
2.	2011-12	3	3	10	---	13
3.	2012-13	3	6	13	1	20
4.	2013-14	2	9	12	---	21
5.	2014-15	7	5	11	----	16

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not applicable**
41. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : **Annual review and revision of syllabus through internal & external BOS meetings based on the need.**

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?:
- Time to time interaction with the students by the head of the department, Chairman, BOS and other staff members;
  - Accepting the personal complaints, if any from the students, addressing the complaints at department council level.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? :
- Oral and email interactions with the alumni, now and then, and use the feedback to revise the curriculum.
42. List the distinguished alumni of the department (maximum 10) :
- List of distinguished alumni**
- Mrs. A.Yamini Priya- Additional IG,CISF, Hakim pet, Hyderabad
  - Dr. T. Penchalaiah- Reader, Govt. Degree College, Rajampet
  - Mr. Rajagopal Reddy- Deputy Superintend of Police, Kadapa
  - Dr. N.Chandrayudu- Assistant Professor, Dept of Geography, S.V. University, Tirupati
  - Mrs. Y.Anuradha- Principal, Kendriya Vidyalaya, Kurnool
  - Mr. Subba Reddy- Principal, Navodaya Vidyalaya, Kadapa
  - Mr. Subbarayudu- Additional Superintendent of Police, Kharimnagar, Telangana
  - Dr. Obi Reddy- Scientist-ICAR, Nagapur
  - Dr.Y.Krishnaiah-Assistant Professor, Dept of Geography, Central University, Nagaland
  - Mr. Raghava Reddy- Deputy Superintend of Police, Kurnool, A.P
43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Dr.Mruthyunjaya Reddy, former director APSRAC, Hyderabad	A lecture on Disaster Management using RS &GIS techniques
2.	2011-12	---	---
3.	2012-13	----	---
4.	2013-14	---	---
5.	2014-15	---	---

44. List the teaching methods adopted by the faculty for different programmes.:
- Classroom lecture
  - Dissemination of brief lecture notes (with references) to encourage further exploration of theoretical/ academic materials.
  - Guided assignments on issues of social relevance, if applicable for the concerned course paper
  - Oral presentation of the assignments (separately or in-group, based on the number of students and allotted time)
  - Extempore evaluation just after the completion of a lecture in order to trace the attention and level of understanding of the students

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Relevant study material and reference books are provided.
  - Constant evaluation of the students is done through written test, discussions and presentations.
  - Feedback for teacher is taken from the students for any improvement or modification in the course content and teaching methodology.

46. Highlight the participation of students and faculty in extension activities:

SL No.	Year	Event participated	Number of the students
1.	2010-11	Annual sports Day, Science day, International womens day	5
2.	2011-12	Annual sports day, youth festival, Ambedkar Jayanthi	6
3.	2012-13	Annual sports day, Earth day, Ambedkar Jayanthi	8
4.	2013-14	Annual sports Day, Science day, International womens day, Moulana Azad birth day	7
5.	2014-15	Annual sports day, Water conservation day, Ambedkar Jayanthi	9

47. Give details of “beyond syllabus scholarly activities” of the department.
- Enlightening the students about various space missions in the class rooms during their launching.
  - Enlightening the students about the significance of geography as an optional in various competitive exams conducted by UPSC and APPSC.
48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : **No**
49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Academic contributions of the faculty:**

- Physical Geography for B.Sc/B.A First Year, Telugu Academy, Andhra Pradesh, 2011 (authored by A.Krishna kumari)*
- Geography Text Books ( 4 volumes) Intermediate Course, A.P. Open Schools, Andhra Pradesh, 2011 (authored by A.Krishna kumara & K.Ravindra Reddy & edited by M.Sambasiva Rao )*
- Remote Sensing and GIS for third year B.A/B.Sc Geography Telugu Academy, Hyderabad, 2011 (authored & edited by K.Ravindra Reddy)*
- Geography text book for Intermediate course (English & Telugu medium) Telugu Academy, Hyderabad, 2011 (edited by K.Ravindra Reddy)*
- physical Geography (Telugu medium-2010 and English medium-2011) published by Telugu Academy, Hyderabad (edited by M.Sambasiva Rao)*
- Natural Hazards and Disaster Management for civil services Examination (English medium) Telugu Academy, Hyderabad. 2013 (edited by M.Sambasiva Rao)*
- Geography text book for Intermediate first year (English medium) Telugu Academy, Hyderabad. 2014 (authored and edited by A.Krishna Kumari)*
- Geography text book for Intermediate first year (Telugu medium) Telugu Academy, Hyderabad. 2014 (authored by A.Krishna Kumari)*

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. :

**Strengths:**

1. Work culture with good governance to achieve quality.
2. Active involvement of faculty in research and publication of books
3. Expertise of faculty in different specializations.
4. Adequate infrastructure built.
5. Good number of RGNFs and PDFs from UGC and ICSSR

**Weaknesses:**

1. Some of the equipment installed in the cartography lab and GIS labs are obsolete.
2. Shortage of books and Journals pertaining to Remote Sensing, GIS, Photogrammetry, GPS and other fields of Geography in multiple copies.
3. Shortage of faculty as most of our Professors got superannuation.
4. Lack of GIS experts for operating the Labs.
5. Lack of funds to renovate the class rooms and other rooms which are constructed in 1980.

**Opportunities:**

1. As the M.Sc Geography curriculum is reoriented with Remote Sensing & GIS components, students getting benefited with this latest technology due to requirement for GIS personnel in the market.
2. Requirements for cartographers in Survey of India.
3. Requirements for UG & PG Teachers in Kendriya Vidyalayas, Navodaya Vidyalayas and other Public and International Schools to teach Geography at higher secondary level..
4. Opportunities in Photogrammetry and Image processing fields.
5. Growing importance for Geography in Civil services as optional subject and as General studies Component.

**Challenges:**

1. To develop the department further according to current needs and demands
2. In order to fill the gap in shortage of faculty, department is planning to invite eminent Professors to deliver lectures on important topics
3. Organizing seminars, Conferences and work shops on the recent trends of Remote sensing, Photogrammetry, GIS and GPS techniques to create awareness among the students.
4. Revision of syllabus on par with the UPSC and APPSC exams, as Geography is an important component in most of the competitive exams both as an optional paper and also as a general studies paper.

51. Future plans of the department.

1. To establish modern RS & GIS labs with trained faculty.
2. To establish collaboration with NRSC, SOI, APSRAC etc aiming at to improve employability of the students.
3. To strengthen the research potentiality focusing on thrust areas identified by various funding agencies.

**Annexure-I:  
Publications of the Faculty**

**Research Papers**

**Prof. M. Sambasiva Rao**

1. Geo-ecological Studies of the diseases of the Anantapur district, Andhra Pradesh, India. Eastern Geographer, Vol.XVI No. June 2010, pp 29-32.
2. Ecological degradation and environmental impact assessment of the Nallamalai and Erramalai hilly region, Andhra Pradesh, India. Human Endeavour Vol.VI No.1 March 2010 pp. 38-42.
3. Ecological degradation and Environmental Impact Assessment of Nallamalai and Erramalai Hilly Region, 2010, Human Endeavour Journal of Social Research, vol.6 No.1.pp 38-42.
4. Urbanization and Regional Development of A.P. 2011, Southern Economist, Vol.50, No.7 pp 9-13.
5. Urbanization and regional development of Andhra Pradesh. Southern Economist Vol.50 No. 7, 2011 pp 9-13.
6. Morphology and Evolution of the Baitari deltas. Eastern Geographer. Vol.XXVIII No.1. 2013 pp 12-19
7. Water balance and Irrigation development of the Rayalaseema region, Andhra Pradesh, India. International Journal of Multi disciplinary Education and research Vol IV 4(2), pages 95-126 April 2015.
8. Land use effecting and Irrigation development in the Garladinne Mandal, Anantapur District, Andhra Pradesh. The Geographer Vol.61 No.2, July 2014 pages 8-17.
9. Morphological evolution of the Kunderu basin in Andhra Pradesh: An analysis essing Remote Sensing Data. Journal of Research, Extension and Development (A peer reviewed Journal) Vol. III No.1 September 2014 pp 78-81.
10. An analysis of land forms and evolution of Tambraparni River Basin inTamilnadu by using aerial Photos and Remote sensing data. Journal of Research, Extension and Development (A peer reviewed Journal Vol.III No.2 October 2014 pp 54-61.
11. Water balance of the Pennar River Basin of Andhra Pradesh in India. International Journal of Research and Development. Vol.II No.3 Sept-Oct 2014 pp 62-65.
12. Water balance and prioritization of Marco Watersheds of the Anantapur District, Andhra Pradesh, India. International Journal for Research and Development Vol.II No.4 Nov-Sec 2014 pp 36-40.
13. Morphology and evolution of the Pennar River Basin. The Journal of Bengal Geographer. Vol. IV No.1 pp20-33 January 2015.
14. Water availability days and crop management in Tamilnadu State. Journal of Research, Extension and Development. (A peer reviewed Journal) Vol. III No.5 January 2015 pp 20-23.
15. Drought analysis of Anantapur District in Andhra Pradesh. Journal of Research, Extension and Development (A peer reviewed Journal) Vol.III No.5 January 2015, pp 39-42.
16. Morphological grown and central Business district of Hindupur Municipality, Anantapur district, A.P. india. International Journal of Multidisciplinary Educational research Vol.IV issue 3 (4), March 2015 pp 156-169.
17. Hydro Geomorphology and Hydrogeology of the Pennar River Basin, India: Implications on basin scale Surface and Groundwater resources Management". Published in Springer Earth System Sciences, Springer International Publishing Switzerland 2015 editors Ravi Kumar, Kumara Swamy and Mohanraj, pages 319-328.

18. Water Balance and Cropping Pattern of the Garladinne mandal, Anantapuram District, Andhra Pradesh, India". Transactions Institute of Indian Geographers vol.37, No.1, 2015 Pages 1-14.
19. Cyclones and their impacts on coastal environment of the East coast of India. Paper published in Natural Hazards and Disaster Management concepts and approaches". Editors B.K.Misra & G.K.Panda, Published by Artech Publisher, Bhubaneswar 2015 pages120-136.

**Prof. Y.V.Ramanaiah**

1. Crop Calendar for Groundnut Farming in the Drought Prone Anantapur District, Andhra Pradesh, Trans Inst.Indian Geographers, Vol.33, No.2,2011.
2. Rainfall Analysis of Drought Prone Area in Anantapur District, Andhra Pradesh, The Deccan Geographer, Vol.49,No.1,Pune, June 2011.

**Prof.K.Ravindra Reddy**

1. Perceived Sexual Risk Behavior of HIV/AIDS among men migrant worker in Mumbai,  
Best Journal, VOL.2 issue9, SEP, 2014, pp 103-114.

**DR.A.Krishna Kumari**

1. Health Care Delivery System in Kurnool District, Andhra Pradesh,vol.2,March 2010,Journal of Spatial Science.
2. Awareness and Adoption of Health Care in Kurnool District of Andhra Pradesh in a Book entitled Health edited by Abha Lakshmi Singh, B.R.Publishing Corporation,Delhi,2010,pp.205-216
3. Assessment of surface and sub surface water potentials of Kadapa district, Andhra Pradesh in a book entitled, Land and Water-Geographic challenges and Geospatial Technologies, Published by Dept. of Geography, S.K. University Anantapur 2013, pp 124-134
4. Nutritional Standards in Kurnool District Andhara Pradesh Published in International Journal of Geographical Analysis, vol-2, No 1, June 2013, pp 49-53.
5. Food consumption and available Nutrients in the scheduled caste population of Kurnool District, Andhra Pradesh. International Journal of Humanities, Arts, Medicine and Sciences (IJHAMS), ISSN 2348-0521, Vol II, Issue 8, August 2014, 23-34
6. Women in khaki (A study on socio-Economic condition of women police in Anantapuramu District of Andhra Pradesh. International Journal of Humanities, Arts, Medicine and Sciences (IJHAMS), ISSN 2348-0521, Vol II, Issue 8, August 2014, 23-34
7. Emerging women leadership in local self Government –A study in Anantapuramu District" published in International Journal of Multi disciplinary Advanced Research Trends, Volume ii, Issue IV (1), May 2015, pages 141-153.
8. Analysis of Groundwater Levels and water Quality of Musi River Basin in Telangana State" Published in International Journal of Environmental Economics, Commerce and Educational Management, Vol. II, April 2015, pages 86-92.
9. Geographical perspectives of Irrigation in Drought prone Anantapuramu District, Andhra Pradesh, Published in International Journal of Environmental Economics, Commerce and Educational Management, Vol II, April 2015 pages 183-189.



**Books Authored/Edited**

- 1 *Natural Hazards and Disasters: Essays on Impacts and Management*.2009(edited by K.Ravindra Reddy, Y.V.Ramanaiah, A.Krishna kumari & S.Subbaiah)
- 2 *Agriculture and Nutrition in Rural India*(A.P).The Associated Publishers, Ambala City,2010(edited by Y.V.Ramanaiah & N.Sreedhar Naidu)
- 3 *Physical Geography for B.Sc/B.A First Year*, Telugu Academy, Andhra Pradesh,2011(authored by A.Krishna kumari)
- 4 *Geography Text Books ( 4 volumes) Intermediate Course*, A.P. Open Schools, Andhra Pradesh,2011(authored by A.Krishna kumara & K.Ravindra Reddy &edited by M.Sambasiva Rao )
- 5 *Remote Sensing and GIS for third year B.A/B.Sc Geography* Telugu Academy, Hyderabad,2011 (authored & edited by K.Ravindra Reddy)
- 6 *Geography text book for Intermediate course (English & Telugu medium)* Telugu Academy, Hyderabad,2011 (edited by K.Ravindra Reddy)
- 7 *physical Geography (Telugu medium-2010 and English medium-2011)* published by Telugu Academy, Hyderabad (edited by M.Sambasiva Rao)
- 8 *Land and Water –Geographic Challenges and Geospatial Technologies, a post conference volume published by Dept. of Geography, S.K. University, Anantapur 2013* (edited by A.Krishna Kumari, Y.V.Ramanaiah, S.Subbiah, K.Neeraja)
- 9 *Natural Hazards and Disaster Management for civil services Examination (English medium)* Telugu Academy, Hyderabad.2013 (edited by M.Sambasiva Rao)
- 10 *Geography text book for Intermediate first year (English medium)* Telugu Academy, Hyderabad.2014 (authored and edited by A.Krishna Kumari)
- 11 *Geography text book for Intermediate first year (Telugu medium)* Telugu Academy, Hyderabad.2014 (authored by A.Krishna Kumari)

## Department of Microbiology

1. Name of the Department : Microbiology
2. Year of establishment : 1985
3. Is the Department part of a School/Faculty of the University? :  
Yes, Faculty of Life Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : M.Sc., M.Phil. and Ph.D. in Microbiology
5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Microbes in human welfare	09	06	Botany, Biotechnology and Zoology
OE-2	Immunity & Human Health	09		Botany, Biotechnology and Zoology

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
7. Details of programmes discontinued, if any, with reasons : Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : Semester with CBCS
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Botany	Plants and Human welfare	01	--
2.	Biochemistry	Biomolecules & Instrumental Method	02	06
3.	Biotechnology	Sustainable development of Biotechnology	04	04
		Environmental Biotechnology	04	04
4.	Computer Science and Technology	Computer Ethics Green IT	05	11
5.	Geography	Disaster Management	02	--
6.	Physical Education	Nutrition and wellness	01	--
7.	Sericulture	Vanya Sericulture	--	02
8.	Zoology	Developmental Biology	02	--

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	01	-	03
Associate Professor	02	01	-
Asst. Professor	03	02	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Specialization</i>	<i>No. of years of experience</i>	<i>No. of Phd. M.Phil. students guided for the last 5 years</i>
Prof. K. Venkateswarlu*	Ph.D.	Professor	Environmental Microbiology	33 Y	04 Ph.D.
Prof. R. Ramanjaneyulu*	Ph.D.	Professor	Microbial Physiology	28 Y	Nil
Prof. V. Rangaswamy	Ph.D.	Professor	Environmental Microbiology	30 Y	02 Ph.D.
Prof. P.B.B.N. Charyulu**	Ph.D.	Professor	Environmental Microbiology	30 Y	Nil
Prof. B. Rajasekhar Reddy	Ph.D.	Professor	Microbial Biochemistry	27 Y	04 Ph.D. and 01 M. Phil.
Prof. B. Venkatappa	Ph.D.	Professor	Immunology	27 Y	

\*Retired in 2011, \*\* Retired in 2012

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	M. Sc. Microbiology	02	12%
2011-12	M. Sc. Microbiology	02	12%
2012-13	M. Sc. Microbiology	02	12%
2013-14	M. Sc. Microbiology	02	12%
2014-15	M. Sc. Microbiology	02	12%

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M. Sc. Microbiology	6.6
2011-12	M.Sc. Microbiology	10.0
2012-13	M.Sc. Microbiology	13.3
2013-14	M.Sc. Microbiology	10.3
2014-15	M.Sc. Microbiology	10.3

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Gardner	-	-	01
2.	Jr . Assistant	-	-	01
3.	Attender	01	01	01

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Ecotoxicology, Biocatalysis, biofertilizers, Biofuels	UGC, CSIR, DBT and DST

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof.K.Venkateswarlu	Metabolic engineering following combinatorial approach to improve the activity of Aspartate kinase for biotechnological production of L-Lysine by <i>Corynebacterium glutamicum</i> ATCC13032	UGC, New Delhi	2008 - 11	8.75
2.	Prof. K. Venkateswarlu	Bioprocess development for itaconic acid production from agricultural wastes"	CSIR, New Delhi	2010 - 13	22.17
3.	Prof. V. Rangaswamy	Influence of combinations of selected pesticides on microflora of agricultural soils	UGC	2008-11	7.62
4.	Prof. B. Rajasekhar Reddy	Microbiology and genetics of biodegradation of qunalphos	UGC	2008-11	09.8
5.	Prof. B. Rajasekhar Reddy	Application of metallo-enzymes from the white rot fungus - <i>Stereum ostrea</i> in degradation	UGC	2013-16	11.7



**Sri Krishnadevaraya University, Ananthapuramu**

8.	Impact Factor – range / average	0.9 – 4.13 /0.44	0.56–8.9 /1.5	0.88- 3.2 /0.357	1.0-6.248 /0.78	1.59 - 4.53 /0.797	0.67 –4.4 / 0.822
9.	h-index						

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Sl. No.	Name of the Faculty member	Laboratories/ Institutions/ industries visited	Dates
1.	Prof. K. Venkateswarlu	Department of Education, Employment and Workplace Relations (DEEWR), Government of Australia	2010-2011

26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. K. Venkateswarlu	Committee Member for Selection of Fellows of National Academy of Agricultural Sciences	Endeavour Executive Award 2010 and Member, Australia Awards Alumni Network	Asian Journal of Microbiology, Biotechnology & Environmental Sciences; Ecology, Environment and Conservation	2009-2012
2.	Prof. V. Rangaswamy	Expert committee member for selection of UGC-MRP			2014

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). : Nil

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects: 93%
- percentage of students doing projects in collaboration with other universities / industry / institute: 07 %

**29. Awards / recognitions received at the national and international level by**

- Faculty : 1. Prof. K. Venkateswarlu, **Endeavour Executive Award 2010**  
Government of Australia  
Prof. V. Rangaswamy – State award for teachers – Government of A.P. -2012
- Doctoral / post-doctoral fellows : 07
- Students

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	Dr. M. Nagaraju	Principal Investigator	Universidad Estatal Amazónica, Puyo, Ecuador	2013 - 2015
2.	Dr. K. Monica	Dr. D.S. Kothari Post - doctoral fellow	University of Hyderabad	2012 - 2015
3.	Dr. Sreenivasulu	Post-doctoral fellow  <b>Prometeo Investigator</b>	Division of Advanced Nuclear Engineering (DANE), Pohang University of Science Technology (POSTECH), Pohang, Republic of Korea, <b>South Korea</b> University de las Fuerzas Armadas-ESPE, Sangolqui, <b>Ecuador</b>	2012 - 2013  2014 - 16
4.	Dr. G. Jaffer Mohiddin	Post-doctoral fellow	Universidad de las Fuerzas Armadas (ESPE), Sangolqui, Quito, Ecuador, South America	2014 - 16
5.	Dr. B. Viswanath	Young Scientist	DST	2012- 2015
6.	Dr. G.V. Subba Reddy	Post-doctoral fellow	NRF South Africa	2013 - 15
7.	Dr. A. Sridevi	Research Associate	UGC	2013 - 16

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Application of microbes in management of Agriculture and environment	Prof. B. Rajasekhar Reddy	UGC, BRNS, APSCHE and CSIR	March 4- 6, 2011	Dr. Shivaji Deputy director, CCMB, Hyderabad, Dr. KVBR Tilak Emeritus Professor, Osmania University, Hyderabad Dr. S. Khowala CSIR - Indian Institute of Chemical Biology, Calcutta Dr. VR Rao CRRI, Cuttack



2.	Advanced Immunology and Immunomodulations	Prof. B. Venkatappa	UG	March 26 - 28, 2012	Dr. Sheo Mohan Singh Director, International centre for stem cell technology Dr. DVR Sai Gopal Virology, SVU, Tirupati Dr. YP Venkatesh CFTRI, Mysore, Dr. B. Shashidhar Rao Osmania University, Hyderabad
3	Workshop on Culture of Responsibility	Prof. B. Venkatappa	SKU	December 5, 2014	

31. **Code of ethics for research followed by the department:**

Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism
- Obtaining permission from Animal societies

32. **Student profile programme-wise:**

Give the details year-wise for each UG/PG programme separately. For M. Phil. / Ph.D. programmes, give the details of admissions during 2010-15 on aggregate basis.

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme	M. Sc. Microbiology Programme				
2010-11	240	06	10	48.0	52.7
2011-12	228	10	07	62.4	61.2
2012-13	61	10	06	45.3	56.8
2013-14	77	08	09	64.0	60.2
2014-15	68	44	24	57.4	60.2
M. Phil.	37	12.5	19.0	44.0	56.0
Ph.D.	110	08.8	20.0	41.6	58.4

**33. Diversity of students**

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students From Universities outside the State</i>	<i>% of students from other countries</i>
UG/ PG programme	M.Sc. Microbiology		--	--
2010-11			--	--
2011-12	93.4	6.6	--	--
2012-13	80	20	--	--
2013-14	100	--	--	--
2014-15	93.4	6.6	--	--
M.Phil.	67	33	--	--
Ph.D.	55.6	36.4	--	--

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of Students</i>					
		<i>NET</i>	<i>SET</i>	<i>GATE</i>	<i>Civil services</i>	<i>State services</i>	<i>Other exam (specify)</i>
1.	2010-11	--	--	01	--	--	02 (DL)
2.	2011-12	--	06	01	--	01	02 (PGT)
3.	2012-13	--	01	01	--	02	--
4.	2013-14	--	--	01	--	02	--
	2014-15	--	--	--	--	--	--

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	Not applicable
PG to M.Phil.	13%
PG to Ph.D.	22%
Ph.D. to Post-Doctoral	80%
Employed - Campus selection	-
Employed - Other than campus recruitment	40%
Entrepreneurs	03%

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	16.6
From other universities within the State	84.4
From universities in other states	--
From universities outside the country	--

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Yes
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 02
- d) Class rooms with ICT facility : Nil
- e) Students' laboratories : 02
- f) Research laboratories : 03

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/University : Nil
- b. from other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	--	04	04	--	02
2.	2011-12	--	03	06	01	03
3.	2012-13	--	06	05	02	04
4.	2013-14	--	02	06	--	01
5.	2014-15	01	01	04	03	03

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology . No

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Internal faculty members and external members in periodical BOS meetings had discussions and appraisal of latest developments in the subject of Microbiology for incorporation in curricular content and dissemination to students. Thus teaching-learning process by the faculty is continuously evaluated.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Feedback from the students about suitability of course content, quality of teaching and delivery of content by faculty is collected during the course or at the end of the course. Tutorials are arranged with special focus on slow learning students.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Alumni employers in academic institutions have made suggestions to include components related to animal system for better pursuit of research. Such suggestions have been taken into consideration.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Position	Institute/ Organization
1.	Dr. C. Ganesh Kumar	Senior Scientist	IICT
2.	Dr. G.V.A.K. Babu	Associate professor	Vikramasimhapuri University, Kavali
3.	Dr. G. Narasimha	Associate professor	S. V. University, Tirupati
4.	Dr. M. Subhoshchandra	Assistant professor	Yogivemana University, Kadapa
5.	Dr. R. Jaya Madhuri	Assistant professor	SPMVV, Tirupati
6.	Dr. P. Uma Maheswari Devi	Associate professor	SPMVV, Tirupati
7.	Dr. S.V.N.Vijayanna	Senior Scientist	CFTRI, Mysore
8.	Dr. Charitha Devi	Assistant professor	SV University
9.	Dr. K. Venkat Rao	Scientist	Central Institute for Medicinal and Aromatic Plants, Lucknow
10.	G. Ramakrishna	Principal	Govt. Degree college, Penukonda

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Exposure of interaction of students to experts/ eminent scientists of national reputation prominently figure in student enrichment programme.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Dr. Shivaji, CCMB, Hyderabad	"Life in extremes"
2.	2011-12	Dr. Ghanashyam Swaroop, , CCMB, Hyderabad	Role of crystalline protein in vision
3.	2012-13	--	--
4.	2013-14	--	--
5.	2014-15	Dr. DVR. Sai Gopal, SVU, Tirupati	Diagnostic tools

45. List the teaching methods adopted by the faculty for different programmes.

Classical blackboard method, power point presentations are use of models in lectures and some teaching methods adopted by the faculty.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**  
Tutorials are regularly conducted to find out to what extent students assimilate information disseminated by the faculty. Students are also judged from the manner in which knowledge and concepts are applied in execution of project work
47. **Highlight the participation of students and faculty in extension activities.**  
Prof. V. Rangaswamy served as NSS Coordinator during 2011-12. One of faculty member Prof. B. Venkatappa has been serving NSS Coordinator since January 2015. Under their guidance departmental students participated in clean and green programme, AIDS awareness and Health awareness.
48. **Give details of “beyond syllabus scholarly activities” of the department.**  
AIDS Day, Health awareness, Swaccha Bharath organised with participation of PG Microbiology students under the guidance of faculty member Prof. B. Venkatappa NSS co-ordinator.
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** No
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
Telugu Academy Book on Microbiology for under graduate students edited by one of the faculty member Prof. K. Venkateswarlu. Three books 1. Cellulase production by *Aspergillus niger* in SSF 2. Decolourization of dyes by fungi 3. Studies of Manganese peroxidase of a Mushroom – *Stereum ostrea* Contributed by Prof. B. Rajasekhara Reddy
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

Staff members have expertise in areas of Agriculture Microbiology, Environmental Microbiology and Immunology.

**Weaknesses**

1. Staff crunch is the most weak point of the department.

**Opportunities**

1. Unexplored cultures from forest are opportunities for pursuing research.

**Challenges**

1. Use of microbes in Management of agriculture and environment
2. Reduction of cost of production of enzymes for biotechnological applications.
3. Lack of adequate infrastructure
4. Lack of adequate funding support

52. **Future plans of the department.**  
Development of bioremediation centre and animal tissue culture labs are future plans of the department for enhancing research potential of the department.

ANNEXURE – I: List of Publications

2010

1. Tanya Cáceres, M. Megharaj, **K. Venkateswarlu**, N. Sethunathan and Ravi Naidu. 2010. Fenamiphos and related organophosphorus pesticides: Environmental fate and toxicology. *Reviews of Environmental Contamination and Toxicology* **205**: 117-162. (IF: 4.130).
2. Ramakrishnan, B., M. Megharaj, **K. Venkateswarlu**, R. Naidu and N. Sethunathan. 2010. The impacts of environmental pollutants on microalgae and cyanobacteria. *Critical Reviews in Environmental Science and Technology* **40**: 699-821. (IF: 3.238)
3. Monika, K., D. Muralidhara Rao, J.C. Spain and **K. Venkateswarlu**. 2010. Phylogenetic Clustering and Comparative Homology Modelling of Nitrobenzene Nitroreductase from *Pseudomonas pseudoalcaligenes* JS45 and *Comamonas* sp. CNB-1. *Online Journal of Bioinformatics* **11**: 38-46.
4. Mohammed Rafi, M and **Charyulu, P.B.B.N.** 2010. Population dynamics of *Azospirillum* in the rhizosphere of foxtail millet [*Setaria italica* (L.) Beauv.]. *Current Biotica*, **4**: 44-52.
5. Varalakshmi, T., Madhan Sekhar, K., Mohammed Rafi, M and **Charyulu, P.B.B.N.** 2010. Population studies of actinomycetes isolated from the rhizosphere of foxtail millet. *Current Biotica*, **4**: 305-317.
6. G. Jaffer Mohiddin, M. Srinivasulu, M. Madakka and **V. Rangaswamy**. 2010. Influence of insecticides on the activity of amylase and cellulose in groundnut soils. *Eco. Enviro. And Cons.* **16 (3)** : 383 – 388..
7. Srinivasulu, M. Madakka, G. Jaffer Mphiddin and **V. Rangaswamy**. 2010. Effect of monocrotophos, chloripyripos alone and in combination with mancozeb and carbendazim on urease activity in groundnut (*Arachis hypogaea* L.) soil. *Ecol. Envi. and Cons.* **16 (1)** : 89 – 94.
8. M. Srinivasulu, G. Jaffer Mohiddin and **V. Rangaswamy**, 2010. Phosphatase and urease activity in groundnut soils as in fluenced by selected fungicides. *Asian Jr. of Microbial. Biotech. Env. Sci.* **12 (1)** : 143-148.
9. M.Srinivasulu, M. Madakka, G. Jaffer Mohiddin and **V. Rangaswamy**, 2010. Effect of monocrotophos, chloripyripos alone and in combination with mancozeb and carbendazim on urease activity in groundnut (*Arachis hypogaea* L.) soils. *Eco. Env & Cons.* **16 (1)** : 89-94.
10. M. Srinivasulu, G. Jaffer Mohiddin, M. Madakka, P. Vasundhara and **V. Rangaswamy**. 2010. Influence of Pesticides Alone and in Combination on Protease Activity in Groundnut Soils. *International Journal of Environmental Science Development & Monitoring* **1 (1)**: 19-28.
11. M. Srinivasulu, G. Jaffer Mohiddin, M. Madakka, P. Vasundara and **V. Rangaswamy**. 2010. Phosphatase and urease activity in groundnut soils as influenced by the selected fungicides. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences.* **12 (1)** : 143-148.
12. M. Srinivasulu, G. Jaffer Mohiddin, M. Madakka, P. Vasundara and **V. Rangaswamy**. 2010. Influence of pesticides alone and in combination on protease activity in groundnut soils. *International Journal of Environmental Science Development and Monitoring.* **1 (1)** : 19-28.
13. G Jaffer Mohiddin, M. Srenivasulu, M. Madakka and **V. Ragaswamy**. 2010. Influence of insecticides on the activity of amylase and cellulase in groundnut soils. *Eco. Env. & Cons.* **16(3)** : 383-388.

14. M. Chandra Mohan, M. Srinivasulu and **V. Rangaswamy**. 2010. Effect of pharmaceutical compounds alone and in combination on microbial activity. *Journal of Developmental Microbiology and Molecular Biology*. **1** (1) : 55 – 63.
15. M. Madakka, Sake Pradeep Kumar and **V. Rangaswamy**. 2010. Influence of pesticides on dehydrogenase activity in groundnut (*Arachis hypogaea* L.) soils. *Ecology, Environment and Conservation*. **16** (3) : 369-375.
16. M. Madakka and **V. Rangaswamy**. 2010. Activity of amylase in black clay and red sandy soils as influenced by insecticide interaction. *Journal of Research and Reviews in Biosciences*. **4** (1) : (IN PRESS).
17. R. Jaya Madhuri and **V. Rangaswamy**. 2010. Insecticidal effect on Population of Nitrifiers in Groundnut (*Arachis hypogaea* L) Soils. *Indian Journal of Environmental Sciences*. **14** (1) : 7 – 10. **ISSN** : 0325-9201.
18. Subhosh Chandra M, B. Viswanath and **B. R. Reddy**. 2010. Optimization of extraction of  $\beta$ -endoglucanase from the fermented bran of *Aspergillus niger*. *Indian J Microbiol*. **50**(Suppl 1): S122 – S126. **(IF: 0.9)**

#### BOOK:

1. Vijayalakshmi, M., V.V. Ramana, G. Sairamlinga Reddy and R. Bidlan. 2010. **Introductory Microbiology**. Eds. **K. Venkateswarlu** and S. Ram Reddy. Published by Telugu Akademi, Hyderabad, for I year B.Sc. Microbiology. Common core. p. 426

#### 2011

1. Ramakrishnan, B., M. Megharaj, **K. Venkateswarlu**, N. Sethunathan and R. Naidu. 2011. Mixtures of environmental pollutants: Effects on microorganisms and their activities. *Reviews of Environmental Contamination and Toxicology* **211**: 63-120. **(IF: 4.130)**.
2. Monika, K., D. Muralidhara Rao, N. Anuraj, M. Yadav, N. Nageswara Rao and **K. Venkateswarlu**. 2010. Model ligand-binding site of 2-amino-5-chlorophenol 1,6-dioxygenase from *Comamonas* sp. CNB-1. *Online Journal of Bioinformatics* **11**: 302-316.
3. Megharaj, M., B. Ramakrishnan, **K. Venkateswarlu**, N. Sethunathan and Ravi Naidu. 2011. Bioremediation approaches for organic pollutants: A critical perspective. *Environment International* **37**: 1362-1375. **(IF: 6.248)** – One of the most downloaded articles from the Journal.
4. Subashchandrabose, S.R., B. Ramakrishnan, M. Megharaj, **K. Venkateswarlu** and Ravi Naidu. 2011. Consortia of cyanobacteria/microalgae and bacteria: Biotechnological potential. *Biotechnology Advances* **29**: 896-907. **(IF: 8.900)**
5. Megharaj, M., **K. Venkateswarlu** and Ravi Naidu. 2011. Effects of carbaryl and 1-naphthol on soil population of cyanobacteria and microalgae and select cultures of diazotrophic cyanobacteria. *Bulletin of Environmental Contamination and Toxicology* **87**: 324-329. **(IF: 1.216)**.
6. Usha Kiranmayi, M., Sudhakar, P., **Charyulu, P.B.B.N.**, Vijayalakshmi, M and Krishna, P.V. **2011**. Studies on influence of natural biowastes on cellulose production by *Aspergillus niger*. *Journal of Environmental Biology*, **32** : 695-699. **(IF: 0.56)**.
7. M. Srinivasulu, G. Jaffer Mohiddin and **V. Rangaswamy**. 2011. Effect of Insecticides alone and in Combination with Fungicides on Nitrification and Phosphatase Activity in two Groundnut (*Arachis hypogaea* L) Soils. *Environmental Geochemistry and Health*. DOI-10-1007/s 10653-011-9300. **(IF: 2.56)**



8. A.C. Ramudu, G. Jaffer Mohiddin, M. Srinivasulu, M. Madakka, and V. Rangaswamy. 2011. Impact of fungicides chlorothalonil and propiconazole on microbial activities in groundnut (*Arachis hypogaea* L.) soils. ISRN Microbiology. Doi:10.5402/2011/623404. 623404 – 7.
9. Gooty Jaffer Mohiddin, Madala Srinivasulu, Mekapogu Madakka, Kondeti Subramanyam and Vengatampalli **Rangaswamy**. 2011. Influence of selected Insecticides on Enzyme Activities in Groundnut (*Arachis hypogaea* L) Spoils. Dynamic Soil, Dynamic Plant. 5 : 1 : 65 – 69.
10. Mekapogu Madakka, Gooty Jaffer Mohiddin, Madala Srinivasulu and Vengatampalli **Rangaswamy**. 2011. Influence of Pesticides, Alone and in Combinations, on Phosphatase Activity in Soils of Groundnut (*Arachis hypogaea* L) Fields. Dynamic Soil, Dynamic Plant. 5 : 1 : 70 -74.
11. Mekapogu Madakka, Madala Srinivasulu Gooty Jaffer Mohiddin and Vengatampalli **Rangaswamy**. 2011 Effect of Pesticides on Microbial Diversity and Urease in Groundnut (*Arachis hypogaea* L) Soils. Dynamic Soil, Dynamic Plant. 5 : 1 : 75 – 82.
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1. **G. Ramanjaneyulu**, A. Ramya, and B. Rajasekhar Reddy. 2016. Microbial Population Dynamics of Eastern Ghats of Andhra Pradesh for Xylanase Production. *Microbial Biotechnology Technological Challenges and Developmental Trends*. **Hard ISBN: 9781771883320 E-Book ISBN: 9781771883337 (Book Chapter. In Press)**.
2. G. Praveen Kumar Reddy, A. Sridevi, Kanderi Dileep Kumar, **G. Ramanjaneyulu**, A. Ramya, B. S Shanthi Kumari, and B. Rajasekhar Reddy. 2016. Strain Improvement of *Aspergillus niger* for the Enhanced Production of Cellulase in Solid State Fermentation. *Microbial Biotechnology Technological Challenges and Developmental Trends*. **Hard ISBN: 9781771883320 E-Book ISBN: 9781771883337 (Book Chapter. In Press)**.

## Department of Sericulture

- 1 Name of the Department : Sericulture
- 2 Year of establishment : 1994
- 3 Is the Department part of a School/Faculty of the University?  
Yes, Faculty of Life sciences
- 4 Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG, M.Phil., and Ph.D., in Sericulture
- 5 Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Vanya Sericulture	23	20	Botany, Zoology, Biotechnology, Computer science, Physical education
OE-2	Silk technology and Entrepreneurship development	20	20	Botany, Zoology, Biotechnology, Computer science, Physical education

- 6 Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
- 7 Details of programmes discontinued, if any, with reasons : No
- 8 Examination System: Annual/Semester/Trimester/Choice Based Credit System : Semester with CBCS
- 9 Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Computer Science, Zoology, Botany	-	10	10
2.	Computer Science, Zoology, Botany	-	10	10

- 10 Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (Details as on 30-06-2015)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	01
Associate Professor	01	01	-
Asst. Professor	01	01	01
Others (Teaching Personnel)	-	-	02



**11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof S.Sankar naik	M.Sc., Ph.D.,	Professor	Seed technology, Cell biology, silkworm rearing	25	M.Phil- 3 Ph.Ds - 11
Dr. A. Vijaya bhaskar Rao*	M.Sc., Ph.D.	Associate Professor	Tissue culture Toxicology	20	M.Phil-3 Ph.Ds-5
B. Satya narayana	M.Sc., P.G.D.S., SLET	Asst Professor	Mulberry cultivation, Mulberry genetics and breeding, Extension and Organization	6	
Dr. P. Lakshmi narayana Reddy	M.Sc., (Sericulture and Zoology),, Ph. D and SLET	Teaching Personnel	Silkworm Biology and Physiology, Breeding, Pathology	17	
Dr. B. Sujatha	M.Sc., Ph. D and SLET	Teaching Personnel	Silk technology, Sericulture Extension and Biochemistry	11	

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Dr. N. Sivarami Reddy	CSB, Mysore
2.	Prof. S.R. Anantha Narayana	Bangalore University, Bangalore
3.	Prof. D. Bharathi	SPM University, Tirupati
4.	Dr. Phani kiran Kumar	CSB, CTRTI, Ranchi

**13. Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	2	50
2011-12	PG	2	50

2012-13	PG	2	50
2013-14	PG	2	50
2014-15	PG	2	50

14 **Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio*</i>
2010-11	PG	8:1
2011-12	PG	8:1
2012-13	PG	8:1
2013-14	PG	8:1
2014-15	PG	8:1

\*including temporary faculty

15 **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Attender	1	1	1
2	Gardener	1	1	1

16 **Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Silkworm Physiology, Mulberry and silkworm breeding and Sericulture Extension	-

17 **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**  
:Nil

18 **Inter-institutional collaborative projects and associated grants received**  
a) National collaboration                      b) International collaboration  
:Nil

19 **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**  
: Nil

20 **Research facility / centre with**  
a) state recognition  
b) national recognition  
c) international recognition  
:Nil

21 **Special research laboratories sponsored by / created by industry or corporate bodies**  
: Nil

**22 Publications:** (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	1	1	-	-	6
a)	National	-	-	-	-	
b)	International	1	1			6
2.	Monographs					
3.	Chapters in Books			1		
4.	Edited Books		1	1	2	
5.	Text/ Reference books		1	1	2	
6.	Number listed in International Database					
7.	Citation Index - range / average					
8.	Impact Factor - range / average					2.9
9.	h-index					

23 Details of patents and income generated : Nil

24 Areas of consultancy and income generated : Nil

25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26 Faculty serving in  
 • National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. S. Sankar Naik	Indo-China fellowship Ministry of HRD Govt of INDIA		Bulletin of Indian Academy of Sericulture	1999 - till today
2.	Sri B.SatyaNarayana			Board of Intermediate Education, Hyderabad	2013 - till date

- 27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	B. Satyanarayana	Molecular Techniques training programme T.N.A.University, Coimbatore. T.N	21 <sup>st</sup> Dec 2010 to 5 <sup>th</sup> Jan 2011

- 28 Student projects

percentage of students who have done in-house projects including inter-departmental projects : Nil

percentage of students doing projects in collaboration with other universities / industry / institute : Nil

- 29 Awards / recognitions received at the national and international level by

- 1 Faculty
- 2 Doctoral / post doctoral fellows
- 3 Students

- 30 Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Name of Seminar Conference	Name/Director/ Co-Director	Funding Agency	Dates	Name of Outstanding participants
1.	Workshop on Seri-Bio informatics	Dr. Vijaya Bhaskar Rao & Prof.Sankar Naik	UGC - DBT	March 2010	Dr. Mamatha SPMU, Tirupathi Dr. N.Surya Narayana Director, CSB RCRS

- 31 Code of ethics for research followed by the departments

Constituted a committee to monitor the research activities with the following members.

- |                                |   |          |
|--------------------------------|---|----------|
| 1. Prof. S. Sankar Naik        | - | Chairman |
| 2. Prof. S.R. Anantha Narayana | - | Member   |
| 3. Prof. D. Bharathi           | - | Member   |

- 32 Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG programme					
2010-11	120	11	4	100	100
2011-12	110	12	3	100	100
2012-13	100	12	3	100	100
2013-14	125	11	4	100	100
2014-15	120	11	4	100	100
M. Phil.	20	2			
Ph.D.	20	5	1		

## 33 Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG programme				
2010-11	90	10	0	0
2011-12	85	15	0	0
2012-13	90	10	0	0
2013-14	85	15	0	0
2014-15	90	10	0	0
M.Phil.	70	30	0	0
Ph.D.	90	10	0	0

## 34 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	--	-	-	CSB-2 Scientists, Teachers- 20
2.	2011-12	-	-	-	-	-	Lecturers-4
3.	2012-13	-	-	-	-	-	VRO-2; Teachers-10; Sub Inspectors-1
4.	2013-14	-	-	-	-	-	Railways-2
5.	2014-15						Railways-2; 2 Scientist-B (CSB)-2

## 35 Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	10%
Employed Campus selection	5%
Other than campus recruitment	35%
Entrepreneurs	10%

## 36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	75
From other universities within the State	25
From universities in other states	-
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**
38. Present details of departmental infrastructural facilities with regard to
- Library- **Available with 500 volumes**
  - Internet facilities for staff and students – **Available (LAN)**
  - Total number of class rooms - **2**
  - Class rooms with ICT facility - **2 -LCD projector**
  - Students' laboratories - **4- Mulberry, Silkworm, Tissue culture and silk technology**
  - Research laboratories - **4**
39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/University

<i>Sl. No.</i>	<i>Name of the candidate</i>
1.	K. Ibraheem Bhasha
2.	V. Seshagiri
3.	K. Phani Kiran Kumar
4.	T.V.S. Rao
5.	M.A. Shanthan Babu
6.	B. Sreenath
7.	M. Mansoor Khan
8.	G.Suvarna
9.	M.Ravi
10.	A.Eraanna
11.	B. Vinayak Reddy

b) from other institutions/universities : **Nil**

40. Number of post graduate students getting financial assistance from the University:

<i>Sl. No.</i>	<i>Year</i>	<i>No. of students obtaining</i>				
		<i>Merit scholarship</i>	<i>SC/ST scholarship</i>	<i>OBC scholarship</i>	<i>Minority scholarship</i>	<i>Fees reimbursement</i>
1.	2010-11	-	7	8	0	-
2.	2011-12		6	9	0	-
3.	2012-13		5	10	0	-
4.	2013-14		7	8	0	-
5.	2014-15		6	9	0	-

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : **Not Applicable**
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Through internal and external BOS meetings

- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Through interactions with the students
- alumni and employers on the programmes offered and how does the department utilize the feedback?  
Alumni of the department is working as scientists ,teachers and Sericulture Entrepreneurs are actively participating in the industry. Feedback obtained occasionally and used to update the curriculum.

43. List the distinguished alumni of the department (maximum 10)

1. Sri.B. Satyanarayana
2. Dr.K. Ibraheem Bhasha
- 3.Dr.S. Venkataswamy Naik
3. Dr. P. Lakshminarayana Reddy
4. Dr. B. Sujatha
5. Dr.P. Sujay Kumar
6. Dr. K. Phani Kiran Kumar
8. Dr. P. vara Prasad
9. Dr. Seshagiri
10. Dr. Smitha

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organized
1.	2010-11	Dr. N. Sivarami Reddy	Guest Lectures on S.W. Rearing
2.	2011-12	Dr. N. Sivarami Reddy	Guest Lectures on S.W. Rearing
3.	2012-13	Dr. N. Sivarami Reddy	Guest Lectures on S.W. Rearing
4.	2013-14	Dr. N. Sivarami Reddy	Guest Lectures on S.W. Rearing
5.	2014-15	Dr. N. Sivarami Reddy Dr. K. Phani Kiran Kumar	Guest Lectures on S.W. Rearing Guest Lectures on Variyasilks

45. List the teaching methods adopted by the faculty for different programmes:

Blackboard  
LCD Projectors  
Practical demos  
Dissections of the live materials  
Seminars  
Debates  
Field work  
Survey and result demonstrations

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through Seminars, Practical participation, survey studies and expertise in latest techniques

47. Highlight the participation of students and faculty in extension activities.

Plantation programmes: 2010  
Blood donation camps: 2011



1. Conducted blood donation camps at Sri Krishnadevaraya University Hostels, In NSS centers of both Anantapur and Kurnool district.

**AIDS awareness camps: 2010-2015**

2. Organized AIDS awareness camps at degree colleges of Anantapur and Kurnool Districts.
3. Organized blood group confirmation testing camps at all NSS centers.
4. Organized blood testing camp for identification of AIDS for Drivers and other workers of transport vehicles on National highway near Anantapur.
5. AIDS prevention kits have been supplied to the public.

**Health & Sanitation: 2010-2015**

6. Conducted demonstration camps to maintain surroundings clean to maintain good health by making involvement of the NSS volunteers.
7. Awareness programme has been organized regarding balanced food for women and child.

48. Give details of “beyond syllabus scholarly activities” of the department.

Students participated in the programmes which creates awareness on new sericulture technologies

Participated in demonstration programmes of integrated pest and Disease management  
Propagation of knowledge regarding new high yielding mulberry varieties and silkworm races.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Edited and developed Intermediate (Vocational Sericulture) Ist & IInd year text books Published by Telugu Academy.

- 1) Intermediate Ist Year (Vocational Sericulture, 2012 Telugu Academy)
- 2) Intermediate IInd Year 2013 Telugu Academy
- 3) Intermediate Ist & II nd Sericulture Practical Manuals 2013 – State Vocational Education A.P. Hyderabad

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**a. Strengths**

1. Department has experienced faculty
2. Department has published its research in reputed international journals
3. Department has potentiality regarding new technologies of sericulture
4. Department has good accessibility with other research organizations like CSB and APSSRDI

**b. Weaknesses**

1. Understaffed
2. Water scarcity
3. Inadequate Funding

**c. Opportunities**

1. Potential for employment in Research and training Institutes, Colleges and Universities
2. Potential for Extension activities
3. It is a promising self-employment industry

**d. Challenges :**

1. Development of latest technologies for betterment of the sericulture Industry
2. Development of thermo tolerant races
3. Obtaining funding for research

**52.Future plans of the department.**

- a. To start new projects to develop thermo tolerant mulberry varieties and silkworm races which can cater to the needs of sericulture farmers in Rayalaseema districts of Andhra Pradesh
- b. To establish extension team to serve the sericulture farmers of Rayalaseema districts of Andhra Pradesh

ANNEXURE-I: Research publications

1. B. Vinayak Reddy, P. Lakshminarayana Reddy\*, M. A. Shanthan Babu<sup>1</sup>, B. Sujatha & S. Sankar Naik (2015) Egg laying patterns of the Uzi fly *Exorista sorbillans* (Weidmann) on the larvae of the silkworm *Bombyx mori* L. G.J.B.B., VOL.4 (1) 2015: 175-180. Impact factor: 2.48
2. Reddy P Lakshminarayana\*, Babu MA Shanthan<sup>1</sup>, Ravi G, Sujatha B, Satyanarayana B, Sankar S Naik (2015) Studies on the population density for the fifth instar larvae of the commercial silkworm, *Bombyx Mori* L. A.J.S.T.Vol.06(10)2015:pp. 1836-1839. . Impact factor: 2.18
3. B. Sujatha\*, P. Lakshminarayana Reddy, M. A. Shanthan Babu<sup>1</sup> and S. Sankar Naik (2015) High knowledge and low adoption levels on organic farming in mulberry cultivation with the farmers of Chittoor District of Andhra Pradesh. Photon., VOL.104. 2015.pp.200-204. . Impact factor:4.18
4. Lakshminarayana Reddy. P\*, B. Sujatha M. A. Shanthan Babu & S. Sankar Naik (2015) Comparative growth of V instar silkworm (*Bombyx mori* L.) larval and silk gland under certain temperature and humidity conditions. IJCRLS., VOL.4 (6) 2015: 221-224.
5. B. Sujatha\*, P. Lakshminarayana Reddy, M. A. Shanthan Babu<sup>1</sup> , Bheemireddy A. Reddy, P. Sujay Kumar and S. Sankar Naik (2015) Socio-Economic factors influencing the adoption levels of new sericulture technologies by different farming groups in Anantapur district of Andhra Pradesh. *Int.J. Agr.Extn* 03(02) 2015. pp.149-153.
6. G. Suvarna, K. Raghavendra, M. A. Shanthan Babu<sup>1</sup>, B. Srinath<sup>1</sup>, P. Lakshminarayana Reddy\* and S. Sankar Naik (2015) Studies on the patterns of the first developmental marker event, Hatching in the commercial mulberry silkworm *Bombyx mori* L. I.J.A.B.R, VOL. 5(3) 2015. pp.251-256.

## Department of Zoology

1. Name of the Department : Zoology
2. Year of establishment : Biosciences - 1977  
Zoology -1985
3. Is the Department part of a School/Faculty of the University? :  
Yes, Faculty of life sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :  
M.Sc in Zoology, M.Phil in Zoology, Ph.D in Zoology.
5. Interdisciplinary programmes and departments involved: UGC -CBCS  
(Bio-chemistry, Botany, Biotechnology, Geography, sericulture Zoology)

Prof. K. Pushpanjali, Dept of Statistics teaches Biostatistics to the students. In addition, the Department offers two OE papers under CBCS, which opted by the students of other science departments, as detailed below:

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Devenopmental Biology	12	08	Biochemistry, Botany, Biotechnology, Sericulture
OE-2	Aquaculture	12	02	Biochemistry, Botany, Biotechnology, Sericulture

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : No
7. Details of programmes discontinued, if any, with reasons : No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :  
Semester/ choice Based credit system: Semester with Choice Based Credit System
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1	Biochemistry,	Nutrition, Nutritional disorders And functional foods	1	0
2	Computer Applocations	Green IT	2	0
3	Biotechnology	Environmental Biotechnology	0	3
4	Geography,	Fundamentals of Remote Sensing	7	6
5	Sericulture,	Vanya Sericulture	2	4
6	Physical Education.	Nutrition and wellness	7	6

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	01	-	02
Associate Professor	02	01	-
Asst. Professor	03	02	01
Others	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof. P.Indira	M.Sc (1981) Ph.D (1985)	Professor	Environmental physiology & Reproductive Toxicology	30 years	Ph.D: 9 M.Phil: 7
Prof.G.H.Philip	M.Sc (1981) Ph.D (1985)	Professor	Reproductive Toxicology, Endocrine Disruption	30 years	Ph.D:8 M.Phil: 1
Dr.B.Sreekanth	M.Sc Ph.D	Ast. Professor	Physiology Bio- Chemistry Ecology Eco-Toxicology	5 ½ years	Nil

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>	<i>Specialization</i>
1.	Prof.Y.Prameela Devi	Kakatiya University, Warangal	Environmental Physiology and Molecular Biology

**13 Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	M. Sc, I year M. Sc, II year	Teaching Assistant (1)	25% 25%
2011-12	M. Sc, I year M. Sc, II year	Teaching Assistant (1)	25% 25%
2012-13	M. Sc, I year M. Sc, II year	Teaching Assistant (1)	25% 25%
2013-14	M. Sc, I year M. Sc, II year	Teaching Assistant (1)	25% 25%
2014-15	M. Sc, I year M. Sc, II year	Teaching Assistant (1)	25% 25%

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M. Sc.	10:1
2011-12	M. Sc.	10:1
2012-13	M. Sc.	10:1
2013-14	M. Sc.	10:1
2014-15	M. Sc.	10:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Jr. Assistant	-	Jr. Assistant and Record Assistant	Jr. Assistant and Record Assistant
2.	Attender	2	2	2
3.	Electrician	1		1
4.	Animal house attender	1		1

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Reproductive Toxicology and Environmental physiology	UGC

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof. G.H. Philip	Fertility and fecundity in Zebra fish, Danio rerio when exposed to deltamethrin	UGC	2010-2013	7.98
2	Prof.P.Indira	Fertility and anti-fertility activity of Medicinal plants of Rayalaseema, A.P	UGC-MRP	3-Years	7,39,800/-

**18. Inter-institutional collaborative projects and associated grants received**

a) National collaboration : **Nil**      b) International collaboration : **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	BSR- Infrastructural Grants)	UGC	5-Years	22

20. Research facility / centre with

- state recognition :Nil
- national recognition :Nil
- international recognition :Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies :Nil

22. Publications: (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	10				
a)	National	6	5	1	5	4
b)	International	4	2	3	5	9
2.	Monographs					
3.	Chapters in Books	1		1		
4.	Edited Books	1				
5.	Text/ Reference books					
6.	Number listed in International Database					
7.	Citation Index – range / average					0.891-4
8.	Impact Factor – range / average	0.536	2.01		2.958	1.0280-4.78
9.	h-index		2		1	

23. Details of patents and income generated :Nil

24. Areas of consultancy and income generated :Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)



<i>Sl. No.</i>	<i>Faculty member</i>	<i>National Committees</i>	<i>International Committees</i>	<i>Editorial Boards (give the name of the journal)</i>	<i>Period</i>
1.	Prof. P. Indira			Advisory board member for Asian journal of Environmental Sciences	Till date
2.	Prof. G.H. Philip	Committee Member Assessment of Universities with Potential of Excellence, UGC. Member, Major research Projects assessment, UGC PT Board Member, UPPSC			Till date

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): Nil

28 Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 100% (IV- Semester students to in-house projects All students in four semester do in house projects as curriculum)

- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1.	Dr. Manjunatha	Post Doctoral Fellowship	Biology Institute of Shandong Academy of Sciences, Shandong University, Jinan- 250014, CHINA.	
2.	Dr. Venkata Narayana	Post Doctoral Researcher Fellow	Bezmialem Vakif University, Istanbul.	

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	<b>National seminar on environmental pollution and Animal Biodiversity for the year-2011</b>	Prof. P.Indira	UGC, APSCHE	July-2011	Prof. K.Durga Prasad Prof. B.Bhaskar Prof. S.Dhayananda Prof. W.E.Rajendara Prof. T.K.S.Gowda Prof. Y.Prameela Devi

31. **Code of ethics for research followed by the department:**  
 Department Research committee monitors research of the research students every year by conducting seminar on the research work done by them.  
 And also we follow UGC regulation on minimum standard and procedure for the award of M.Phil/Ph.D Degree - 2009

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11	516	7	8	100%	100%
2011-12	500	5	9	100%	100%
2012-13	460	5	9	100%	100%
2013-14	417	7	11	100%	100%
2014-15	356	11	9	100%	100%
M. Phil.	40	4	Nil	2%	Nil
Ph.D.	28	16	3	92%	100%

33. **Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil
2011-12	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil
2012-13	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil

2013-14	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil	
2014-15	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil	
M.Phil.	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil	
Ph.D.	S.K.U Undergraduates	S.V.U Undergraduates	Nil	Nil	

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	Nil	1	Nil		4	Nil
2.	2011-12	Nil	1	Nil		4	Nil
3.	2012-13	Nil	2	Nil		6	Nil
4.	2013-14	Nil	4	Nil		6	Nil
5.	2014-15	Nil	3	Nil		4	Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil.	5%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	10%
Employed	50%
Campus selection	
Other than campus recruitment	50%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	67%
From other universities within the State	33%
From universities in other states	Nil
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- Library:** Dept of maintains Library exclusively for zoology students. Books purchased under different grants are kept in the custody of the Head students can read them as well as take them out.
- Internet facilities for staff and students:** Is available for all students and staff. Students have access to internet in the computer lab.

- c. **Total number of class rooms :Two**
- d. **Class rooms with ICT facility:** Both the class rooms are equipped with LCD Projector. **One**
- e. **Students' laboratories:** Two- Has all basic equipment to carry out experiments.
- f. **Research laboratories:** Two one of the labs of Dr. G.H. Philip is equipped with sophisticated instruments like CO<sub>2</sub> incubator; ELISA read Gel documentater system and UV-Vis spectrometer.

39. **List of doctoral, post-doctoral students and Research Associates**

a) **from the host institution/University :**

**Doctoral students awarded Ph.Ds: Prof. P. Indira**

1. Mrs. G. Prashanthi
2. Y. Amarnath Reddy.
3. Sri. G. Venkata Narayana.
4. M.Pratap
5. P.Ranganatham
6. G.Lakshmaiah
7. C.Ramesh Raju
8. Mr. H.Ramasubba Reddy
9. Mrs. O.Usha Rani

**Doctoral students awarded Ph.Ds: Prof. G.H.Philip**

1. Mr. K.Pullanna
2. Mr.B.Manjunatha
3. D.Nagalinga reddy
4. D.Nalini
5. B.Sreedevi
6. T.Sanjeev
7. C.P.Ramesh
8. R.Sreedhar.

b) **from other institutions/universities :**

- 1.B. Prabhavathi
2. K. Subhadra
3. T. Sri Rajani
4. K. Venkata Ramanaiah

40. **Number of post graduate students getting financial assistance from the University:**

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	Nil	6	4	1	Nil
2.	2011-12	Nil	4	4	1	Nil
3.	2012-13	Nil	4	4	1	Nil
4.	2013-14	4	4	4	1	Nil
5.	2014-15	Nil	4	4	1	Nil

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:** Nil
42. **Does the department obtain feedback from**
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :**  
Yes. The Department tries to incorporate if everyone thinks is appropriate. Two mid-semester examinations are conducted in each semester. In each semester seminars are conducted for five marks in all papers.
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :**  
Will be discussed in the open forum meeting where all staff and students will present and if feedback is constructive, it will be implemented.
  - Alumni and employers on the programmes offered and how does the department utilize the feedback? :**  
Feedback taken when alumni and employees visit on various occasions. They sometimes give few suggestions. If feasible will be considered.
43. **List the distinguished alumni of the department (maximum 10)**
1. Dr. M.David : Karnataka University Dharwad, Bangalore
  2. Dr.V.Venkata Ratnamma : Acharya Nagarjun Univercity, Guntur.
  3. Dr.M.Jagadesh Naik : Acharya Nagarjun Univercity, Guntur.
  3. Dr. Nagalinga Reddy : Principal Govt. Degree College Penukonda
  4. Dr.Gopi Krishna : Kavali, PG Centre Nellore
  5. Purendra : Group-II officer
  6. Swarup : Group-II officer
  7. Dr.P.Giridar : D.L In Arts College for Boys Anantapuramu (First Rank in APPSC)
  8. Dr. Chamundeswari : D.L. In Arts College for Boys Anantapuramu.
  9. Dr. Sreedevi : D.L. In Arts College for Boys Anantapuramu
  10. Smt.Syamala : Fisheries Assist. Director
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

<i>Sl. No.</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1.	2010-11	Nil	Nil
2.	2011-12	Prof.K.Puspanjali	Statistics
3.	2012-13	Prof.K.Puspanjali	Statistics
4.	2013-14	Prof.M.Ramani Bai	Biodiversity
5.	2014-15	Prof.M.Bhaskar	Ecotoxicology

45. **List the teaching methods adopted by the faculty for different programmes.**  
The Department has very good OHPs and LCD Projectors, all connected to power.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**  
Constant monitoring is done. If any new thing introduced its benefit on target will be assessed.
47. **Highlight the participation of students and faculty in extension activities.**  
All Students and staff are involved in establishing and maintenance of greenery within the Department premises on every Saturday after noons.
48. **Give details of “beyond syllabus scholarly activities” of the department.**  
Involving students and teachers in all science days celebrations where in students are made to participate in quiz programmes, in preparation of scientific modules, posters, elocutions competitions and essay writing competitions.  
Students are involving environmental celebrations, world sparrow day celebrations, and also observed world AIDS day.
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
The teachers are always involved in updating their knowledge in the concerned subject through leaning books and internet resources. Students are encouraged to do creative work in making models which are exhibited in science exhibition.
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**  
  
**Strengths:**  
Has excellent leaning atmosphere with well equipped lab facility.  
  
**Weaknesses:**  
Shortage of teaching faculty  
Absence of a veterinarian (Veterinary Doctor) to monitor research animals in the animal house.  
  
**Opportunities:**  
Building designed for extension. Need RO systems for pure drinking water for the students. Need good bath rooms for the students.  
  
**Challenges:**  
To enhance employment opportunities to students.
52. **Future plans of the department.**  
  
The Department plans to establish research laboratories to pursue advanced research in Zoology and also very nice museum.

## Annexure – I: List of Publications

Prof.P.Indira

Research publication	Impact Factor	Citation index	SJR	H-Index	(SNIP)
1.Y. Amarnath Reddy, M. Chalamaiiah, B. Ramesh, G. Balaji, P. India. <i>Ameliorating activity of ginger (Zinger officinale) extract against lead induced renal toxicity in male rats, J. Food Sci. Techno. 2011.</i>					
2) MudeJagadish Naik, Pala India, 2011 <i>Role of SDH and LDH activity in silkworm, Bombyx Mori L. fed with mealy bug infested mulberry leaves..</i>					
3) M S Butchiram, M.Jagadeesh Naik, Pala India, 2011 <i>Effect of Sublethal concentration of Ziram on Oxygen consumption of the Freshwater Fish Labeo rohita.. JECO MONIT Volume 21 issue 1 Page no 77-81 ISSN- 0971-0965.</i>					
5) Mude Jagadish Naik, and Indira Pala 2012 <i>Studies on Enzyme activity in Silkworm, Bombyx mori L. fed with thrips (Pseudodendrothrips mori) Niwa infested Mulberry leaves. India, J.Zool.32 (1): ISSN. 0971-0965</i>					
6) G. Venkatanarayana, G.Sudhakara, P.Indira, 2012 <i>Pritective effects of Curcumin and Vitamine on Carbon tetrachloride-Induced Nephrotoxicity in Rats., ISSN 1611-2156, 2012.</i>					
7) M. Jagadish Naik, Mohana Rao and P. India, 2012 <i>A Case Study on Hematological Parameters in workers exposed to Cement dust in areas of Nalagonda District. JESTIOSR/JESTFT, Volume 01 issue no 01 ISSN:21019-2402x, 2012</i>					
9) Y. Amarnath Reddy, Sadasivaiah, P.Indira, 2013, <i>Herpetofauna of Thummalapalle uranium mining area, Andhra Pradesh, India. 2013, IJBDAC, Volume 2-8, Page no. 515-522, ISSN: 2141-243X</i>					
10) Amarnath Reddy, P.Indira, 2013 <i>Ichthyofauna of Thummalapalle Urenium Mining Area, Andhra Pradesh, India. et al. WJZ Volume: 08 issue: 01 page no. 62-66, ISSN: 1817-3098</i>					
11) Amarnath Reddy, Sadasivaiah, P.Indira, 2013. <i>Range extension of Indian Golden Gecko Calodactylodes aureus in Andhra Pradesh, India. Reptile RAP Volume. No. 15</i>					
12) Amarnath Reddy, Sadasivaiah, P.Indira, 2011 <i>Fejervarya caperata ( Anura: Dicroglossidae)-A New Distributional record to Andhra Pradesh, India. JBAAB, Page no.110-113, Volume 05, issue 3-4, ISSN: 0973-8209</i>					



14) Dr.G.Lakshmaiah and Prof.P.Indira, 2014. Investigation of Acute Toxicity of phorate(An Organophosphate) on Fresh water fish (Cyprinus carpio). ISSN 0975-6299,					
15) M. Pratap, P. Indira 2014, Protective effects of Ginger (Zingiber officinale) extract against lead induced oxidative stress on Liver antioxidant enzymes in Male albino Rats, Dr.M.Pratap and P.Indira, IJPBS, Volume.05, Issue: 02, April, 2014, Page no: 888-894, ISSN: 0975-6299.					
16) Md., M.N. Iqubal and P. Indira 2014, Seasonal cold stress on common carp fishes with relation to aerobic and anaerobic respiration, JEF, S. Volume07, Issue02, Page. no 23-58, ISSN, 0974-6323					
17) G. Lakshmaiah, P.Indira, October, 2014 Investigation of acute toxicity of phorate (an organophosphate) on fresh water fish cyprinus carpio IJBS Volume.05, Issue: 04, , Page no: 104-110, ISSN: 0975-6299.	2.958				
18) M. Pratap, P. Indira 02, April, 2014, Protective effects of ginger (zingiber officinale) Extract against lead induced oxidative stress on liver antioxidant enzymes in male albino rats IJPBS, Volume.05, Issue: Page no: 888-894, ISSN: 0975-6299.	2.958				
19) 4H. Rama Subba Reddy, P. Indira, N. Raja Naik, 2014, Atrax robustus (araneat: Hexathelidae) A new distributional record to Andhra Pradesh, India IRJNA, Volume:1, issue 02, Page no. 1-ISSN: 2349-4077.					
20) O. Usha rani P.Indira, 2014, "sodium fluoride toxicity in fresh water fish carassius auratus (Gold fish):effect on red blood cell count", IJLSR, page no. 23483Z(Print), Volume.2 Issue. 3 IISN:23483148					
21) P. Giridhar, SRK Neeraja, P. Indira, , 2015, Effect of Organ phosphorus Nuvan on some Aspects of Carbohydrate Metabolism in Fresh Water Fish Labeo Rohita (Hamilton), IJPSP Article No14, Pages: 80-84, ISSN: 0976-044X	4.5				
22) P. Giridhar, SRK Neeraja, P. Indira, , 2015, Impact of an Organophosphorus Nucan on Some Aspects of Protein Metabolism in the Fresh Water Teleost Labeo rohita (Hamilton), IJAR Volume3, Issue7, 977-984 ISSN: 2320-5407.	2.47				
23) N. Raja naik, P. Indira, 2015, Pharma cognostical Studies on Mesua Ferrea, Carica Papaya, Asinum Sanctum and Tribulus Terrestris, in Rayalaseema, AP. IJPSR, Volume-6, issue:5,; page No: 2223-2227 ISSN: 0975-8232.	2.44				

24) N. Raja naik, P. Indira, May 2015, Effect of Mesua ferrea Flower and carica papaya Seed Extract on Haematologicla Studies in Femals Albino Rats, IJSR, Page,No: 2875-2879, Volume:4 issue: 05, ISSN: 2319-7064.	4.438				
25) N. Raja naik, D. Malewari, P. Indira, 2015 Effect of Mesua ferrea flower and Carica papaya seed extracts on estrous cycle of female albino rats for fertility and Anti fertility activity, J Biolife, Vo.no 3(3), Page No. 730/734I, ISSN : 2320-4257.	4.78				
26) S. MD. M.N. Iqbal, P. Indira, 2014 July: Seasonal Stress on fatty acids in common carp with relation to scetyl choline esterase. JPBS 5(3): (B)741-743, ISSN0975-6299	2.958				

### Chapters in Books

Prof. P. Indira, Chapter-III, Faunistic studies of the book entitled, Flora and fauna

Prof. P. Indira, "Biodiversity in India, Chapter 17, Snakes of Srikrishnadevaraya University" and its surroundings, Andhra Pradesh, Astral publications.

### Edited Books

Prof. P. Indira, edited the book entitled "Herpatofauna of Sheshachelam hills" written by Dr. M. Rajashekar, S.V. University, Dept. of Zoology, Tirupathi.

### Articles Published :Prof.G.H.Philip

Research publication	Impact Factor	Citation index	SJR	H-Index	(SNIP)
1. K.V.. Chamudeswaramma, V.V. Rathnamma and G.H. Philip (2010). Activity levels of ammonnia and urea in Labeo rohita exposed to deltamethrin. Eco.Env.And Cons., 16(20): 139-143.			0.161		0.235
2. K.V.. Chamudeswaramma, V.V. Rathnamma and G.H. Philip (2010). Activity levels of asparatate transminase (AAT) and alaninetransaminase (AIAT) in freshwater fish Labeo rohita exposed to deltamethrin. . Eco.Env.And Cons., 16 (2): 145-148			0.161		0.235
3. V.V. Bala Subramanyam, B. Manjunath, K. Pullamma, Pala Indira and G.H. Philip (2010). Occupational asthma in labourers employed at cement industries in Tadipatri mandal of Anantapur district, Anadhra Pradesh, India, Asian J of Enciron. Sscience. 4 (2): 116-122					
4. M.S. Surendra Babu, P.G. Krishna, K. Hussain Reddy and G.H. Philip (2010).	0.536		0.261		0.561

<i>Synthesis, Characterization and DNA cleavage activity of Nickel (II) adducts with aromatic heterocyclic bases. J Serbian Chem. Soc., 75: 61-74</i>					
5. R.R. Venkata Raju, Y. Padma, C.Lakshmi Narasimhudu, N. Sarojini Devi, B. Manjkunath, B, Naga Raju and G.H. Philip (2011). <i>Invitro Antihelmenthic Activity of Andrographis echioedes</i> Nees. <i>J. Pharma. Res. Dev.</i> , 3 (3): 202-205	2.01				
6. Y. Padma, N. Sarojini Devi, B. Manjunath, G.H. Philip, R..R. Venkata Raju (2012). <i>Preliminary Photochemical Screening and Antihelmenthric Activity of Andrographis echioedes</i> Nees. <i>J. Pharmacy Res.</i> 5 (9): 4801-4803				2	
7. K. Pullanna and G.H. Philip (2014). <i>Reproductive performance of zebrafish (Danio rerio) exposed to deltamethrin: Fecundity, histological and hormonal end points. J. of Experimental Applied Animal Sci.</i> ,1 (2): 253-268.				1	
8. B. Sreedevi. G. Suvarchala and G.H. Philip (2014). <i>Morphological and Physiological abnormalities during development in zebrafish due to chlorpyrifos</i> Ind. J, Sci. Res. 15 (2): 1-8					
9. T. Sanjeev Prasad and G.H.Philip (2014). <i>Studies on Cypermethrin activity on Steroidogenesis in female abeo rohita. Int. J. Anal. Pham. Biomed. Scie.</i> 3 (3): 63-70.ISSN – 2278-0246					
10. C.P. Ramesh and G.H. Philip (2014). <i>Water quality of Painted Stork foraging tank near Veerapuram heronry, Chilamathur (M), Andhra Pradesh. J. Bio. Innov.</i> , 3 (6): 283-289					
11. B. Manjunath and G.H. Philip (2015). <i>Reproductive toxicity of chlorpyrifos tested in zebrafish (Danio rerio): Histological and hormonal end points. Toxicol.Ind. Hlth.</i> 7 (6): 721-726	1.859		0.419		0.718

12. T. Sanjeev Prasad and G.H. Philip (2015). <i>Studies on Cypermethrin activity on Steroidogenesis in male Labeo rohita. Int. J. Plant Animal Env. Sci., 5 (1): 16-22 ISSN-2231-4490</i>	1.0280				
13. D. Gangappa, D. Ravinder, G.H. Philip and M.K. Arunasree (2015). <i>Celecoxib sensitizes imatinib-resistant K562 cells to imatinib by inhibiting MRPI-5,ABCA2 and ABCG2 transporters via Wnt and RASSF1 signaling pathways. Leuk Res., 39 (7): 696-701.</i>	2.419		0.891		0.736
14. T. Sanjeev Prasad, K. Mehraj Asha, G.H. Philip, S. Mounica and D. Jayasimha Rayalu (2015). <i>Homology modeling and Docking studies of Neuraminidase enzyme influencing swineflu. Int. J. Indus. Chem. Biotechn., 1 (2): 6-14 ISSN -2395-289X</i>					
15. C.P. Ramesh and G.H. Philip (2015). <i>Painted Stork heronry at Veerapuram village, Andhra Pradesh - A case study. Int. Res. J. Biological Sci., 4 (2): 84-88, ISSN:2278-3202</i>					
16. D. Nagalinga Reddy, K. Pullanna and G.H. Philip (2015). <i>Reproductive abnormalities in men due to Occupational exposure. Res.J.Pharm. Biolo.Chem.Sci., 6 (2): 677-683, ISSN: 0975-8585</i>	0.35				
17. C.P. Ramesh and G.H. Philip (2015). <i>Analysis of Water quality parameters of Lakshmipuram Tank, Ananthapuramu (D), Andhra Pradesh. Res.J.Chem.Sci. 3 (6): 283-289 ISSN - 2231-406X</i>					
18. T. Sanjeev Prasad, M. Manoj Kumar, G.H. Philip, S. Mounica and Jayasimha Rayalu (2015). <i>Design and structure activity relationship (SAR) of a novel Phytazirone series with non-nucleoside HIV-1 Reverse Transcriptase inhibitory activity. Int. J., Plant Animal Env. Sci. 5 (2): 140-150 ISSN 2231-4490</i>					

## Department of Chemistry

1. Name of the Department : Chemistry
2. Year of establishment : 1969
3. Is the Department part of a School/Faculty of the University?:  
Yes Faculty of Physical Sciences
4. Names of programmes offered
  - i) Undergraduate :
  - ii) Postgraduate :

Sl. No.	Title of Programme	Duration (Years)	Sanctioned Intake	Total Strength
1.	M. Sc. Chemistry (Regular)	Two	52	52
2.	M. Sc. Organic chemistry (Self-funding)	Two	14	14
<b>Total</b>			<b>66</b>	<b>66</b>

i) M.Phil/Ph.D : M.Phil. and Ph.D. in Chemistry

5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Chemistry of Biological Processes	03	--	Bio-Technology
OE-2	Environmental Chemistry	--	03	Bio-Technology

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
Nil
7. Details of programmes discontinued, if any, with reasons : Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
Semester with CBCS
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Computer Applications	Computer Applications	08	05
2.	Physical Education	Modern concepts of yoga	14	11
3.	Computer Science	Computer Sciences	09	09
4.	Geography	Introduction to disaster management	14	13
5.	Biotechnology	Biotechnology sustainable development	08	09
6.	Physics	Renewable energy physics	02	01
7.	Sericulture	Sericulture	01	01
8.	Biochemistry	Biomolecules and instrumental methods	03	01

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	02	0	07
Associate Professor	04	01	-
Asst. Professor	09	07	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of years experience</i>	<i>No. of Ph.D./M.Phil Students guided for last 5 years</i>
*Prof. R. Sreenivasulu	M.Sc.,Ph.D	Professor	Inorganic Chemistry	33	02
*Prof. T. Sreenivasulu Reddy	M.Sc.,Ph.D	Professor	Physical Chemistry	34	06
*Prof. V. Suryanarayana Rao	M.Sc.,Ph.D	Professor	Physical Chemistry	33	05
Prof.MCS.Subha	M.Sc.,Ph.D	Professor	Physical Chemistry	34	9
Prof.K.Hussain Reddy	M.Sc.,Ph.D	Professor	Inorganic Chemistry	32	7
Prof.L.K.Ravindranath	M.Sc.,Ph.D	Professor	Organic Chemistry	32	8
*Prof. V. Krishna Reddy	M.Sc.Ph.D	Professor	Inorganic Chemistry	28	02
Prof.J.Sreeramulu	M.Sc.Ph.D	Professor	Analytical Chemistry	30	10
Prof.P.Raveendra Reddy	M.Sc.,Ph.D	Professor	Physical Chemistry	30	8
Prof.K.Sudhakar Babu	M.Sc.,Ph.D	Professor	Inorganic Chemistry	22	7
Prof.P.Venkata Ramana	M.Sc.,Ph.D	Professor	Organic Chemistry	20	5
Dr.K.Anitha	M.Sc.,Ph.D	Assistant Professor	Analytical Chemistry	08	---

\*Prof. R. Sreenivasulu : 1979-2012 (Retd.)

\*Prof. T. Sreenivasulu Reddy : 1979-2013 (Retd.)

\*Prof. V. Suryanarayana Rao : 1979-2012 (Retd.)

\*Prof. V. Krishna Reddy : 1985-2013 (Retd.)

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof.A.V.Reddy	BAARC Member 2011
2.	Prof.V.Suresh Babu	Bangalore University
3.	Prof.K.Satyanarayana	IISC--2014
5.	Prof.A.V.Ramana	Gulbarga University(Gulbarga)-2015
6	Prof. V. Suryanarayana Rao	BSR Fellow (2012-2015)

**13 Percentage of classes taken by temporary faculty – programme-wise information: Nil**

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.Sc	10:1
2011-12	M.Sc	10:1
2012-13	M.Sc	13:1
2013-14	M.Sc	16:1
2014-15	M.Sc	16:1

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Junior Assistant	01	01	01
2.	Record Assistant	03	01	01
3	Gas man	01	-	01
4	Store keeper	01	-	01
5.	Attender	04	02	02

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Organometallic Chemistry	UGC
2.	Inorganic Chemistry	UGC
3.	Environmental chemistry	UGC
4.	Organic Synthesis	UGC
5.	Polymer membranes pervaporation	UGC
6.	Pharmaceutical Chemistry	UGC
7.	Polymer Chemistry	UGC



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1.	Prof. M.C.S. Subha	i) Synthesis and Characterization of Novel polymeric particulate drug delivery systems for controlled delivery and targeting applications	UGC	2007-2010	9.5
		ii) Development and Characterization of Biodegradable polymer blends based on natural and synthetic polymers for pervaporation and packaging films applications	UGC	2011-2014	12.5
		iii) UGC BSR one time grant	UGC	2012-2014	7.00
2.	Prof. K. Hussain Reddy	i) Investigations on on DNA binding and cleavage activities of di- and polynuclear transition metal complexes)	DST	2008-2011	15.12
		ii) Investigations of mono and Dinuclear Lanthanide(III) complexes for the binding and cleavage of DNA	UGC	2011-2014	10.68
3	Prof. L.K. Ravindranath	Synthesis, Characterization and biological studies of organo phosphorous and nitrogen hetero cycles	UGC	2010-2014	9.00
4	Prof.K.Sudhakar Babu	Selective Characterization of Industrial hazardous wastes in Rayalaseema region(Focus on environmental remedial measures)	UGC(MR P)	2010-2013	9.31
5	Prof.P. Venkataramana	Synthesis, characterization and applications of novel polymeric beads in trace metal analysis, catalysis and controlled drug delivery	UGC	2008-2011	5.59

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration : Nil                      b) International collaboration : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	Investigations on Inorganic and organic materials of industrial and pharmaceutical Importance and Electro-organic Synthesis using chemically modified electrodes	UGC-SAP	2009-2014	29.35
2.	Physico – Chemical characterisation of nano material applications in Environmental Techninques	UGC-SAP 2 <sup>nd</sup> Phase	2014-2016	53.05

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	51	50	86	68	52
a)	National	12	08	18	13	09
b)	International	39	42	68	55	43
2	Monographs					
3	Chapters in Books					
4	Edited Books					
5	Text/ Reference books					04
6	Number listed in International Database					
7	Citation Index – range / average					
8	Impact Factor – range / average	1.02	1.11	1.09	1.12	1.23
9	h-index					

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil

26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty member	National Committees	International Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. L. K. Ravindranath Prof. J. Sreeramulu			Journal of Chemistry & Indian Chemical Society	
2.	Prof. K. Sudhakar Babu			Journal of Electrochemical Society of India, (JECSI) Indian Institute of Science, Bangalore	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programmes). Nil

28 Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 48%
- percentage of students doing projects in collaboration with other universities / industry / institute: 52%
  - GVK labs, Hyderabad
  - Suven Life sciences, Hyderabad
  - IICT, Hyderabad
  - Dr. Reddy's Lab
  - Bicon Labs
  - Mylon Labs

- 29 Awards / recognitions received at the national and international level by  
Faculty  
Doctoral / post doctoral fellows  
Students

Name of the award	Number of awards	Name of the awardee
<b>National level</b>		
1. National best chemistry award conferred by the CRSI, IISC, Bangalore on the eve of IYC-2010	One	Prof. K. Sudhakar Babu
2. Vishasta seva puraskar by Govt. of Andhra Pradesh-2014	One	Prof. K. Sudhakar Babu
3. Maharani Jhanshi Puraskar awarded by Bharatiya Samskruthi Nirman Parishad, Hyd-2010	One	Prof. M.C.S. Subha
<b>1. International</b> Asian International Biographical citation award 2014	One	Prof. K. Sudhakar Babu

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Emerging Trends in Electrochemical Studies (ETECS- 2011)	Prof. K. Hussain Reddy	UGC-SAP	25 <sup>th</sup> and 26 <sup>th</sup> March 2011	Prof. K. Veera Reddy
2.	Chemistry and Global Perspectives	Prof. K. Hussain Reddy	UGC-SAP	24 <sup>th</sup> to 16 <sup>th</sup> October 2011	Prof. L.D. Prabhakar
3.	Modern Trends in chemical Analysis	Prof. V. Krishna Reddy	UGC-SAP	28 <sup>th</sup> to 29 <sup>th</sup> March 2012	Prof. Gulsen
4.	Third School on Analytical Chemistry- 2012	Prof. T.Sreenivasula Reddy	UGC	24 <sup>th</sup> February to 1 <sup>st</sup> march 2012	Prof. A.V.Reddy

31. Code of ethics for research followed by the department:

- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11	1208	24	42	100%	100%
2011-12	100	27	39	100%	100%
2012-13	740	31	35	100%	100%
2013-14	351	39	27	100%	100%
2014-15	457	36	30	100%	100%
M. Phil.	600	11	5	100%	100%
Ph.D.	3000	26	13	100%	100%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students From Universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	56	44	--	----
2011-12	58	42	--	----

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2012-13	54	46	--	----
2013-14	61	39	--	----
2014-15	53	47	--	---
M.Phil.	65	30	5	----
Ph.D.	35	50	5	10

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	14	-	8	--	11	1(ONGC)
2.	2011-12	12	-	7	--	08	4(RRB)
3.	2012-13	11	07	6	--	09	--
4.	2013-14	08	-	5	--	11	--
5.	2014-15	07	05	5	--	08	07(RRB)

35. Student progression

Student progression	Percentage against enrolled
UG to PG	----
PG to M.Phil.	05
PG to Ph.D.	25
Ph.D. to Post-Doctoral	10
Employed	
Campus selection	30
Other than campus recruitment	15
Entrepreneurs	5

- 36 Diversity of staff

Percentage of faculty who are graduates of the	
Same University	100%
Universities from the other states	Nil
Universities from outside countries	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :-

Sl. No.	Name of the Faculty member	Degree obtained	Year
1.	Nil	NA	NA

38. **Present details of departmental infrastructural facilities with regard to**

Class rooms	: 10' X 25' ( 3 No's), 30'X25' (1 No), 20'X25' (1 No)
Staff rooms	: 10' X 25' (1 No's)
Laboratory	: Teaching Labs – 20'X25' (6 No's), 30'X25' (1 No) Research Labs – 10'X25' (8No's)
Seminar hall	: (80'X25' 1No)
Library	: 10'X25' (1 No)
Ladies Waiting room	: 10'X25' (1 No)
Others Rooms)	: 10'X25' (3 Instrumentation 30'X25' (1 Store Room)
Research laboratories	: 10'X25' (8 No)

39. **List of doctoral, post-doctoral students and Research Associates**

**a) from the host institution/University :**

List of doctoral students

1. Bramhaih
2. Siraj
3. Ester Rani
4. Lakshi Praveena
5. Bheema Raju
6. Mahesh
7. M. Madhusudhana Reddy
8. K. Venu Gopal
9. T. Noorjahan Begum
10. G. Nageswara Reddy
11. Harinaga Maddaih
12. K. Hanumantha Rayudu
13. Krishna Murthy Naik
14. Prabhakar Rao
15. Swarna Kumari
16. Dora Swamy
17. Ranganath
18. Sajan Kumar
19. Chandrababu
20. Chandrasekhar
21. Suseelamma
22. Raja
23. Naga Kavitha
24. K.Rameshbabu

**Post Doctoral students**

1. Vidya sagar
2. B. Saritha

**b) from other institutions/ universities**

1. P. Ashok Gajapathi raju
2. Swetha
3. Moksharagni
4. B. Malli karjuna rao
5. Vivekananda Valla pragada
6. A. Jaya Raju
7. Rama Joga Venkata Eranki
8. P. Sudhakar

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	--	13	23	2	All the SC/ST, OBC students in the self-funding course
2.	2011-12	--	12	21	--	
3.	2012-13	--	12	24	2	
4.	2013-14	--	11	20	3	
5.	2014-15	5 (RDT)	14	22	4	

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Not Applicable

42. Does the department obtain feedback from

a faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, through annual BoS meetings

b students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, once in a quarter

c alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, representation to Industry in BoS.

Dr. Gomes Antony Raj, USP member, General Manager of Matrix lab

Dr. K. Mohan Reddy, Asst. Manager, Hetero lab.

Dr. S. Rudramohan Reddy, Sr. Analytical Manager, Dr. Reddys Lab

Feedback on curriculum will be incorporated in syllabus.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. Palle Raghunatha Reddy  
Minister for Information Technology & Communications, Government of Andhra Pradesh.
2. P.M. Kamalamma  
Member of SC commission
3. Dr. K. Ramakrishna Prasad  
Professor, Organic Chemistry IISC, Bangalore – Batnagar Awardee
4. Dr.N. Munichandraih  
Professor, Inorganic & Physical Chemistry, IISC, Bangalore.
5. Dr.T.Narasimhaswamy  
Senior Principal Scientist Polymer Science and Technology Central Leather Research Institute, Chennai
6. Dr. L.D. Prabhakar  
Professor, Annamali University Chennai.
7. Dr. B.V. Subba Reddy  
Sr. Principal Scientist, IICT, Hyderabad
8. V .Ramanarayana  
Scientist, DRDO, New Delhi.



9. K. Vijaya Lakshmi  
RDO, Govt. of AP
10. Dr. G. Anthony Gomes Raj  
Vice President USP, Mylon Labs, Hyderabad

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Prof. K. Veera Reddy Prof. S. Sathu Raman	National seminar on Emerging Trends in Electrochemical Studies (ETECS- 2011)
2.	2011-12	Prof. L.D. Prabhakar  Prof. Gulsen  Prof. A.V. Reddy	i. National seminar on Chemistry and Global Perspectives ii. National seminar on Modern Trends in chemical Analysis iii. Workshop on Third School on Analytical Chemistry-2012
3.	2012-13	--	--
4.	2013-14	--	--
5.	2014-15	Prof. Sreedhar (IICT) Prof. R.K.Prasad(IISC)	GETNC

45. List the teaching methods adopted by the faculty for different programmes.

New teaching methods/aids adopted/used by the Department:

Instructional Television - No  
Computer Instructions - Yes  
Group Instruction - Yes  
Special Instruction/coaching - LCD Projector, OHP

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The teaching methods that are adopted in our department are applied in various other institutions engaged in PG courses. We supply procedures and the required information for successful conduct of practicals. These will help the students to update their knowledge and procedure and procure advanced information in the subject

47. Highlight the participation of students and faculty in extension activities.

All the Staff members have participated as Mandal Resource Persons in various State Government sponsored JANMABHOOMI & SWACHH BHARAT programmes (including Clean and Green) organized now and then.

48. Give details of "beyond syllabus scholarly activities" of the department.

A Project for Rs. One Crore has been sanctioned to University by ISRO and at present it is located in the Department of Physics. It is a multi disciplinary Project to solve environmental and atmospheric science related problems and hence it requires the expertise from Mathematics, Physics, Chemistry and Geography departments.

Since the inception of the Project in department of Physics, S.K.University, two senior professors of Chemistry faculty Viz., Prof. S. Ghouse Peeran (Rtd) and Prof R. Sreenivasulu (Rtd) were actively involved in this ISRO Project and they have solved some of the environmental problems with Chemistry perspective.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:---- No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
The faculty of chemistry department is actively involved in soil testing and water sample testing of nearby villages of S.K.University area. They are also actively invited in awareness programme to farmers about excessive usage of pesticides and insecticides
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**a Strengths:**

- 1 The legacy of work culture and tradition scripted and laid down by the revered retired Professors of department of chemistry is being followed scrupulously and meticulously by young generation too and it is "Constitution of department of chemistry"
2. Highly qualified, rich teaching and Research experienced Faculty in the department.
3. Actively involved in research as evinced in on-going research projects sponsored by various organizations like UGC,DST,BRNS and CSIR.
4. Every year 100 Research articles were published by the faculty members of the department including research scholars.
5. Good strength of research scholars is backbone to the department supporting day-to-day academic activities with commitment and devotions.

**b Weaknesses:**

1. Inadequate space in laboratories and lack of infrastructure facilities for student labs
2. Insufficient financial support for chemicals, glassware and research equipment
3. Lack of Integrated approaches between Industry and the department.
4. Lack of consultancy services offered.
5. Insufficient R&D activity of faculty and insufficient financial support.

**c. Opportunities:**

1. Department reputation can create job opportunities to the students of chemistry.
2. MOU with other reputed national research Institutes can strengthen research activities.

**d. Challenges:**

1. Lack of regular and uninterrupted water and power supply
2. Difficulty in training the students, who are mostly from Telugu medium

52. **Future plans of the department.**

1. To start new courses like Material Science, Computational Chemistry, Environmental Chemistry and Nano Chemistry (Two years Course)
2. Diploma in Chemistry of Soil and water analysis.
3. Consultant service of soil and water test samples around Anantapur district.
4. Faculty members of department of chemistry are having rich experience in teaching as well as in research activity. However, there is every need to improve their knowledge with latest technical know-how with world class institutes to take a short-term exchange programme.
5. A three span Room with dimension of 100 sq.m. is allotted to departmental library. The departmental library only a bare infrastructure building without any proper amenities in the library. At present the departmental library is shelved with only 200 books and these are present in M.Sc. (Final) Organic chemistry class room. Now, the department will shift the library in to new building and the building requires modernization and the library requires an additional 1000 books in order to strengthen the existing departmental library for students as well as faculty reference.
6. Some of the laboratories viz., First year and Second year Organic Chemistry and First year Physical Chemistry labs to be expanded and modernized to meet the needs of present students strength. The Glassware and equipment in each laboratory must be improved and strengthened as per the curriculum of the practicals.

**Annexure-I**  
**List of Publications (2010-2015)**

**1.Prof. M.C.S.Subha**

<b>Sl. No</b>	<b>Title of the Paper</b>	<b>Name of the Authors</b>	<b>Name of the Journal Vol/ No Page No.</b>	<b>Impact factor</b>
1.	Synthesis of Water- Glass based Silica Aerogel Powder with and without Squeezing of Hydrogels	T. Sobha Rani, M.C.S. Subha, G. Venkata Reddy, Yong-Ha Kim and Young-Soo Ahn (2010)	Journal of Applied Polymer Sciences, 115(3), p1675	1.60
2.	Study on Lingo-cellulosic Fabric Hardwickia binata, Journal of Applied Polymer Sciences	C.Venkata Prasad, K. Chowdoji Rao, G. Venkata Reddy, Yong-Ha-Kim, T. Sobha Rani and M. C. S. Subha (2010)	Journal of Applied Polymer Sciences, 115, p2806	1.60
3.	Tensile and Lingocellulosic propertice of prosopis chilnesis natural Fabric	G. Venkata Reddy, C.V. Prasad, K. Chowdoji Rao, T. Sobha Rani and M. C. S. Subha (2010)	Journal of Applied Polymer Sciences, 117(6), p2907	1.60
4.	Synthesis and Characterization of Poly (Vinyl alcohol)/Water (Sio <sub>2</sub> ) Nano-Hybrides via Sol-Gel Process	T. Sobha Rani, M.C.S. Subha, G. Venkata Reddy, Yong Ha Kim, K. Chowdoji Rao, Kalyani and , C. venkata Reddy (2010)	Journal of Applied Polymer Sciences,. 117(6), p3533	1.60
5	Control release of Chlorpheniramine maleate thorough IPN beads of sodium alginate-g-methyl methylacrylate	C.L.N. reddy, B. Yerriswamy. C. V. Prasad, M. C. S. Subha and K. Chowdoji Rao (2010)	Journal of Applied Polymer Sciences, 118, p2342	1.60
6	Compatibility studies of CHitosan/ PEG blend in 2% aqueous acetic solution at 30 <sup>0</sup> C	H.M.P. Naveen Kumar, M.N. Prabhakar, C. Venkata Prasad, K. Madhusudana Rao, T.V. Ashok Kumar Reddy, K. Chowdoji Rao and M.C.S. Subha (2010)	Carbohydrat a Polymers, 82, p251	4.074
7	Interpenetrating polymer network microspheres of hydroxyl propyl methyl cellulose/ poly (vinyl alcohol) for control release of ciprofloxacin hydrochloride	B. Yerriswamy, C. Venkata Prased, C.L.N. Reddy, B. Mallikarjuna, K. Chowdoji Rao and M.C.S. Subha (2011)	Cellulose, 18, p349-359	3.75
8	, Pervaporation srudies of sodium Alginate (SA)/ Dextrin blend membranes	M. Sraswathi, K. Madhusudana Reddy, M. N. Prabhakar, CV Prasad, K.	Desalination, 269, p177-183	3.756

	for separation of Water and isopropanol mixture Desalination	Sudhakar, HMP. Naveen Kumar, M. Prasad, K. Chowdoji Rao and M. C. S. Subha (2011)		
9	Development of TRiprolidine Hydrochloride loaded PH Sensitive poly ( Acrylamide-co- Acrylamidoglycoli acid) copolymer microspheres:In vitro release studies	B. Mallikarjuna, K. Madhusudana rao, C. Venkata Prasad, K. Chowdoji Rao and M. C. S.Subha, (2011)	Designed monomers and polymers, 14, p445-459	0.875
10	Preparation and Characterization of Nanoparticle-filled mixed-matrix membranes for the pervaporation dehydration of isopropyl alcohol	C.VenkataPrasad,B.Yerriswamy, H.Sudhakar,MCS.Subha,J.I. Song,and K.Chowdoji Rao (2012)	Journal of Applied Polymer Science, 125, p3351-3360	1.60
11	Development of polymer Blend microspheres form Chitosan-Hydroxy propyl methyo cellulose for controlled release of an anty-cancer drug,	C.Lakshmi Narayana Reddy, P.Ramasubba Reddy, K.S.V.Krishna Rao, M.C.S. Subha and K. Chowdoji Rao, (2013)	Journal of the Korean chemical society, 57, p439-446	0.1
12	Asymmetri synthsis of unnatural amino acids and tamsulosin chiral intermediate,	Veera Reddy Arava, Srinivasulu Reddy Amasa, Bharath Kumar Goudn Bhatthula Laxmi Srinivas Kompella, Venkata Prasad Matta, & M.C.S.Subha, (2013)	Synthytic communications, (43), p2892-2897	1.29
13	Controlled Release of Hypertensive Drug from Ph/Thermo Responsive Polymeric Microbeads ,	K.Madhusudana Rao, S.Siraj, P.Sudhakar, A. Chandra Babu, M.C.S. Subha and K. Chowdoji Rao, (2013)	Indian journal of Advances in Chemical Sciences 2(1), p50-56	2.63
14	Development and characterization of Hydroxy Propyl Cellulose /Poly (vinyl alcohol) Blends and Their Physico-Chemical Studies,	K.Sudarshana Reddy, M.N.Prabakara, V.Naga Maheshwara Reddy, K.Madhusudana Rao, D.M Suhasini, P.Kumara Babu, K.Sudhakar A. Chandra Babu, M.C.S. Subha and K. Chowdoji Rao, (2013)	Indian journal of Advances in Chemical Science, 2(1) p38-45	2.63

15	Biodegradable graft hydrogel membranes for in-vitro release studies of Levofloxacin Hemihydrate drug	M.N.Prabakara, A. Chandra Babu, M.C.S. Subha and K. Chowdoji Rao, (2013)	International journal of Drug Delivery, 5(2), p177-187	1.2
16	Chitosan based biodegradable hydrogel microspheres for controlled release of an anty-HIV drug,	B.Mallikarjuna, K.Madhusudana Rao P.Sudhakar, M.C.S. Subha and K. Chowdoji Rao, (2013)	Indian journal of Advances in chemical science, 1(3), p144-151	2.63
17	Miscibility studies of hydroxyl Ethyl Cellulose and poly (Ethylene glycol) Polymer blends,	C.Suresh Reddy, S.Veera Pratap S.H.Rajendra Prasad, P.Kumara Babu, K.Sudhakar P.Sudhakar M.N.Prabakara, M.C.S. Subha and K. Chowdoji Rao, V.Naga Maheshwara Reddy, (2013)	Polymer Research Journal, 7	1.92
18	alginate/Poly(ethelyne oxide)blend hydrogel membranes for controlled release of valganciclovir hydrochloride	B.Mallikarjuna,K.Madhusud hana Rao, S.Siraj,A.Chandra Babu, K.Chowdoji Rao and MCS.Subha, (2013)	Designed monomers and Polymers, 16(2), p151-159	0.875
19	Synthesis and charaxcterization of Ph sensitive poly(Hydroxy ethyl methacrylate co-acrylamidoglycolic acid)based hydrogels for controlled release studies of 5-fluorouracil	K.Madhusudana Rao,B.Mallikarjuna, K.S.V.Krishna Rao, S.Sudhakar, K.Chowdoji Rao and MCS.Subha (2013)	International Journal of Polymeric Materials, 62(11), p565-571	3.57
20	Preparation and Characterizaton of Poly (hydroxyethyl methacrylate-co-arylic acid)microspheres for drug delivery application	B. Yerriswamy, C.V.Prasad, K.Chowdoji Rao and MCS.Subha (2013)	International Journal of Polymeric Materials 62(13), p700-705.	3.57
21	Interpenetrating polymer network microspores of poly(vinyl alcohol)/Methyl cellulose for controlled release studies of 6-Thioguanine	S.Siraj, P. Sudhakar, U.Sajankumar,K.V. Sekhanath,K. Chowdaji RAo,M.C.S.Subha (2014)	International Journal of Pharmacy and Pharmaceuti cal Sciences, 6, p9	1.59

22	Density and ultrasonic velocity studies on binary mixtures of tetrahydrofuran with benzenes at 308.15K,	K.Vijayalakshmi, M.C.S. Subha and K. Chowdoji Rao, (2014)	Indian journal of advanced in chemical sciences, 3, p38	2.63
23	Revesting benzyne chemistry: Synthesis of 4(7) Hydroxy benzotriazoles and 2-methylsulfany-benzene-1,3-diol	A.Srinivasulu Reddy, B.Srinivasulu Reddy, A.Veera Reddy, Subha. M.C.S, (2014)	Pharma Chemica 6(3), p286-291	0.9
24	Acid catalyzed and thermal rearrangements of 1-( $\alpha$ -branched alkoxy)naphthalenes	A.Srinivasulu Reddy, B.Srinivasulu Reddy, A.Veera Reddy, Subha. M.C.S, (2014)	Pharma Chemica, 6(2), p299-311	0.9
25	Pervaporation separation of water-isopropanol mixture using MFI-24Q Zeolite incorporated blend (na Alg and HPC)membranes	K.V.Sekharnath, U.Sajankumarji Rao, Y.Maruthi, M.N.Prabhakar, M.C.S.Subha (2014)	International journal of scientific & technology research, 3(11), p219-227	3.02
26	Development of SA 13X Zeolite filled MMMs for pervaporation dehydration of isopropanol,	H.Sudhakar, Y.Maruthi, K.V.Sekharnath, P.Kumara Babu, M.Naveen, B.Chandrasekhar Rao, U.Sajankumarji Rao, M.C.S.Subha, (2014)	International journal of recent scientific research, 5(5), p925-930	5.2
27	Acid catalyzed stability studies on atomoxetine, Fluoxetine and nisooxetine,	A.Srinivasulu Reddy, A.Veera Reddy, Subha. M.C.S, (2014)	Pharma Chemica, 6(2), p312-316	0.9
28	Blend membranes of sodium alginate and soya protein for pervaporation dehydration of isopropanol,	H. Y.Maruthi, P.Kumara Babu, K.Chowdoji Rao, U.Sajankumarji Rao, M.C.S.Subha, (2014)	Advance in polimer science & tech An international journal, 4(2), p12-21	0.2
29	Density and Viscosity studies on binary Mixtures of methyl Acrylate with benzene and Substituted benzenes at 308.15K,	K.Chowdoji Rao M.C.S.Subha, K.Vijayalakshmi, D.M Suhasini, N.Jayachandra Reddy, K.Ravikumar, (2014)	International research journal of Sustainable Science& Engineering, 2(5), p1-11	1.98



30	Pervaporation dehydration of isopropanol using blend membranes of sodium alginate (SA) and Hydroxy propyl cellulose (HPC),	K.V.Sekharnath, Y.Maruthi, M.N.Prabhakar, K.Chowdoji Rao, U.Sajankumarji Rao, M.C.S.Subha, (2014)	Journal of Advanced scientific research, 5(2), p24-31	computing
31	Biodegradable PHBV/PEO blend microspheres for controlled release of bosentan monohydrate preparation ,characterization and In vitro release studies,	S.Siraj, P.Sudhakar, B.Mallikarjuna, K.Chowdoji Rao, M.C.S.Subha (2014)	International journal of pharmaceutical sciences and Research, 25(2), p103-109	computing
32	Miscibility studies of Hydroxy ethyl cellulose and poly (vinyl alcohol) blends	M.Chandrasekhar , C.Suresh Reddy, P.Kumara Babu, K.Sudhakar, Y.Maruthi, K.Chowdoji Rao, M.C.S.Subha, (2014)	International Research journal of sustainable Science &Engineering, 25(2), p1-10	1.98
33	Development and In-vitro evaluation of poly (lactic acid) films for controlled release studies of laptanib :an anticancer drug ,	P.Sudhakar, , K.Chowdoji Rao, M.C.S.Subha, S.Siraj, A. Chandra Babu, (2014)	Journal of applied Pharmaceutical science, 4(9), p22-26	0.3
34	Misibility studies on Guar gum/Pectin blends,	D.M Suhasini, M.Chandrasekhar M.C.S. Subha and K. Chowdoji Rao, M.Prasad, G.Satyamaiah, C.Suryanarayana, (2014)	Indian journal of Advance in Chemical sciences, 2(2), p116-123	2.63
35	Thermo Physical propertice of Binary liquid mixtures of tetrahydrofuran with benzene and substituted benzenes at 308.15K	K. Vijaya Lskshmi, D.M. Suhasini, M.Jayachandra Reddy, K. Ravi, M. C. S. Subha and K. Chowdaji Rao (2014)	International Journal of of Development Research 4(11), p2253-2259	1.245
36	Preparation of Biodegradable Polymeric Blend Microspheres of Soy Protein Isolate /Guar Gum and Release studies of Tolterodine Drug	S.Veerapratap, M.N.Prabhakar,M.Chandrasekar,P.Kumarababu, Y.Maruthi M.C.S. Subha , J.I.Song and K.Chowdoji Rao (2015)	Indian Journal of Advances in Chemical Science, 3(2), p171-177	0.4

**2. Prof. K. HUSSAIN REDDY**

<b>Sl. No</b>	<b>Title of the paper</b>	<b>Name of the authors</b>	<b>Name of the Journal/ Book, Vol. Page Nos.</b>	<b>Impact factor</b>
1.	Synthesis, characterization and DNA cleavage activity of nickel (II) adducts with aromatic heterocyclic bases	M. Surendra Babu,P.G. Krishna,K. Hussain Reddy,G.H. Philip (2010)	Journal of Serbian Chemical Society, 75, p61-74	1.09
2.	RP-HPLC method development for the determination of assay of Donepezil hydrochloride	M. Useni Reddy,K. Hussain Reddy,B. Varaprasad,P. Somasekahr (2010)	International Journal of Chemical and Analytical Sciences, 01, p35-36	0.649
3.	Method development of stability indicating HPLC method for the determination of Amiodarane hydrochloride in pharmaceutical dosage forms	M. Useni Reddy K. Hussain Reddy B. Varaprasad P. Somasekahr (2010)	Drug Invention Today, 02, p160-162	computing
4.	HPLC Method development for Glucosamine sulphate and Diacerein Formulations	M. Useni Reddy,K. Hussain Reddy,B. Varaprasad,P. Somasekahr (2010)	Journal of Pharmacy Research, 03, p361-363	2.89
5.	RP-HPLC method development and validation for determination of dissolution and assy of sildenafil citrate tablets	M. Useni Reddy,K. Hussain Reddy,B. Varaprasad,P. Somasekahr (2010)	Journal of Pharmacy research, 03, p631-635	2.89
6.	A simple and rapid spectrophotometric method for the determination of mercury(II) in environmental( water, soil and biological) samples using heterocyclic thiosemicarbazone	D. Nagarjuna Reddy K. Hussain Reddy (2010)	Journal of Ultra chemistry, 06, p287-294	Computing
7.	Studies on zinc(II) in pharmaceutical and biological samples by spectrophotometer using APMT as chelating reagent	K. Vasudeva Reddy,D. Nagarjuna Reddy ,K. Hussain Reddy (2011)	J. Chem. Pharm. Research 03, p234-244	0.9
8.	Derivative spectrophotometric determination of cobalt(II) and nickel(II) using 2-acetylpyridien-4-methyl-3-thiosemicarbazone	K. Vasudeva Reddy,D. Nagarjuna Reddy, K. Hussain Reddy (2011)	J. Chem. Pharm. Research 03, p835-839	0.9

9.	DNA binding and nuclease activity of 1,10-phenanthroline based thiocyanato, acetate, azido and benzoate bridged Dinuclear copper(II) complexes	P. Hari Babu,Y.K. Patil,K. Hussain Reddy,M. Nethaji (2011)	Transition Metal Chemistry, 36, p867-874	1.30
	A novel high resolution RP-UPLC method for the quantitative determination of exemestane and its related compounds	M. Maheswar Reddy,K. Hussain Reddy,D. Ramkumar,M. Useni Reddy,B. Varaprasad (2011)	Journal of Pharmacy Research, 04, p546-548.	2.89
10.	Determination of Beclomethasone, Depropionate, Clotimazole, Chloraphinicol and Lidocaine in pharmaceutical formulations using a novel RP-HPLC method	M. Useni Reddy,K. Hussain Reddy,B. Varaprasad,P. Somasekahr (2011)	International Journal of Pharma and Biosciences, 02, p453- 461	computing
11.	RP-HPLC/ELSD method determination of Topimarate in pharmaceutical products	P. Viswanath Reddy,M. Useni Reddy,P. Sunil Reddy,K. Hussain Reddy,M. Maheswara Reddy (2011)	International Journal of Science Innovations and Discoveries, 01, p126-133	Computing
12.	DNA binding and Cleavage activity of cationic Dinuclear copper(II) and nickel(II) complexes with novel oxime-thiosemicarbazones	P. Hari Babu K. Hussain Reddy (2011)	Indian Journal of Chemistry, 50A, p996-1001	0.891
13.	Novel tetranuclear distorted open-cubane copper complex containing oximate bridges: synthesis, crystal structure, DNA binding and cleavage activity	P. Hari Babu,Y.K. Patil,K. Hussain Reddy,M. Nethaji (2012)	Inorganica Chimica Acta, 392, p478-484	2.05
14.	DNA binding and cleavage activity of cis-cobalt aromatic oxime complexes and its pyridine/imidazole adducts	M.S. Surendra Babu (2012)	Journal of the Chinese Chemical society, 39, p843-851	0.755
15.	(2E)-N-Methyl-2-[2E)-3-phenylprop-2-en-1ylidene)hydrazinecarbothioamide	P. Murali KrishnaG.N. Anil Kumar,K. Hussain Reddy,M.K. Kokila (2012)	Acta. Cryst.E, E68, p02842	0.347

16.	A novel validated stability indicative UP-LC method for Etravarine for the determination of Process related and degradation Impurities	C. Mohana Reddy,K. Hussain Reddy, ,P. Narayana Reddy,M. Venkata Ramana (2012)	American Journal of Analytical Chemistry, 03, p840-848	1.12
17.	Spectrophotometric determination of Copper in alloy samples using Salicylaldehyde acetoyl hydrazones in aqueous medium	M. Renuka K. Hussain Reddy (2012)	Journal of Indian Council of Chemists, 29, p98-103	Computing
18.	Validated HPLC Methoddevelopment for simultaneous estimation of paracetamol and Flupritine in bulk drug and in formulation dosage forms	G. Nagamamni K. Hussain Reddy (2013)	JPT: BioMed Rx An international Journal, 01, p402-405	Computing
19.	Synthesis, Crystal structure DNA binding and cleavage activities of oximato bridged cationic dinuclear copper(II) complex having labile ligands	P. Hari Babu,Y.K. Patil,K. Hussain Reddy,M. Nethaji (2013)	Indian Journal of Chemistry, 52A, p327-333	0.891
20.	Determination of mercury levels in environmental samples using 2-acetylfuranisonicotinoylhydrazone by spectrophotometric method.	V. Saleem Basha,S. Vidyasagar Babu G. Narasimhaa K. Hussain Reddy (2013)	Analytical Chemistry – Ah Indian Journal, 13, p80-85	1.05
21.	Synthesis, spectral characterization and DNA interaction of Copper(II) and nickel(II) complexes with unsymmetrical Schiff base ligands	M. Pragathi K. Hussain Reddy (2013)	Indian Journal of Chemistry, 52A, p845-853	0.891
22.	Design and synthesis of metal complexes of (2E)-2-[(2E)-3-phenyl prop-2-en-1-ylidene]hydrazidnecarbothioamide qand their photocatalytic degradation of Methylene Blue	P. Murali Krishna,NBG. Reddy,K. Nagaraja.BC Yallur,K. Hussain Reddy (2013)	The Scientific World Journal, 2013, pPublished. online	1.73
23.	A sensitive LC-MS/MS method for the4 quantification Febuxostat in human plasma and its pharmacokinetics.	V.V. Rami Redy,I. Jaswanth Kumar,P. Ramesh Kumar,M. Ramesh,K. Hussain Reddy (2013)	Biomedical Chromatogr a-phy, 27, p1406 - 1412	1.945

24.	Simple and sensitive methods for the determination of 2-(4'-chloromethylphenyl)benzonitrile and 2-(4'-Bromomethyl phenyl)benzonitrile contents.	G. Amarnath Reddy, K. Hussain Reddy, M. Narendra Kumar (2013) H.K. Sharma	ISRN Analytical Chemistry, 2013, 5 pages Published. online	Computing
25.	Synthesis, characterization, DNA studies of copper(II) complexes of (2E) -3- phenyl prop-2-enal thiosemicarbazone	P. Muralikrishna K. Hussain Reddy (2013)	Der Pharma Chemica, 5, p258-263	Computing
26.	Non-extractive spectrophotometric determination of nickel(II) using 2-acetylpyridine thiosemicarbazone/semicarbazone in environmental water samples	S. Vidyasagar Babu K. Hussain Reddy (2014)	J. Indian Chem. Soc., 91, p205-211	0.36
27.	Spectrophotometric determination of mercury in water samples using 2,4 dihydroxyaceto- phenone acetoaldehyde	M. Renuka K. Hussain Reddy (2014)	J. Indian Chem. Soc., 91, p751-756	0.36
28.	Synthesis, crystal structure, DNA binding and cleavage activity of water soluble mono and dinuclear copper(II) complexes with tridentate ligands	M. Pragathi K. Hussain Reddy (2014)	Inorganica Chimica Acta 413, p174-186	2.05
29.	Synthesis crystal structure DNA interaction and cleavage activities of mononuclear and trinuclear copper(II) complexes	P. Hari Babu, Y.K. Patil, K. Hussain Reddy, M. Nethaji (2014)	Transition Metal Chemistry, 39, p167-186	1.30
30.	Spectrophotometric determination of mercury(II) in environmental, soil, medical and biological samples using 2-benzoylpyridine-4-methyl-3-thiosemicarbazone	V. Saleem Basha K. Hussain Reddy (2014)	J. Indian Chem. Soc., 91, p823-827	0.36
31.	Synthesis, spectral characterization and DNA binding properties of copper(II) complexes of functionalized hydrazones	D. Nagakavitha K. Hussain Reddy (2014)	Research Journal of Pharmaceutical biological and chemical sciences, 05, p1806-1815	0.35

32.	A validated stability indicating RP-HPLC method for Boldanone, undecylenate and related substances	V. Venkateswarlu K. Hussain Reddy (2014)	International Journal of pharmacy and pharmaceutical sciences, 06, p104-109	1.59
33.	Stability indicating HPLC method for the determination of Fosamprenavir calcium	C. Mohana Reddy,P. Narayana Reddy,K. Hussain Reddy (2014)	Journal of Chromatographic Science, 52, p781-787	1.086
34.	A validated stability indicating UPLC method for the determination of impurities in Miraviroc	C. Mohana Reddy,K. Hussain Reddy,P. Narayana Reddy,M. Venkataramana (2014)	Journal of Chromatographic Science, 52, p609-616	1.086
35.	Synthesis, spectral characterization and DNA binding properties of dinuclear copper(II) complexes with pyridine based hydrazone	D. Nagakavitha K. Hussain Reddy (2014)	International Journal of Pharama and BioSciences, 05, p294-304	2.958
36.	Spectrophotometric determination of lead in water samples using Salicylaldehyde acetoxyhydrazone	M. Renuka K. Hussain Reddy (2014)	International Journal of Research in Chemistry, 04, p29-33	0.423
37.	Second derivative spectrophotometric determination of copper(II) using 2-acetylpyridine semicarbazone in biological leafy vegetable and synthetic alloy samples	S. Vidyasagar Babu K. Hussain Reddy (2013)	Indian Journal of Advances in Chemical Sciences, 01, p105-111	2.63
38.	Synthesis, spectral properties DNA binding interactions of lanthanide(III) complexes of 2-acetylpyridine acetoxyhydrazone, the X-Ray crystal structure of 10-coordinate Ce(III) and Sm(III) complexes.	K. Raja, A. Suseelamma and K. Hussain Reddy (2015)	Journal of the Iranian Chemical Society, 12, p1473-1486	1.086
39.	Synthesis, characterization, DNA binding and nuclease activity of nickel(II) complexes of isonicotinoylhydrazones	A. Suseelamma K. Raja and K. Hussain Reddy (2015)	Journal of the Iranian Chemical Societym , 5, p26-35	2.560

40.	Rapid and sensitive LC-MS/MS method for the analysis of allopurinol in human plasma	V.V.RAMI REDDY AND K. HUSSAIN REDDY (2015)	International Journal of pharma and Biosciences, 6, p1-11	5.121
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**3. Prof. L.K.Ravindranath**

Sl. No	Title of the paper	Name of the authors	Name of the Journal/ Book, Vol. Page Nos.	Impact factor
1	Electrochemical studies of certain nitro substituted pyrazolin-5-ones	K. Ramana Kumar, A. R. Guruprasad, V. Srilalitha, G. Narayanaswamy and L.K. Ravindranath.	Ovidius University Annals of Chemistry, 23, pN1 6-20	Computing
2	Synthesis and electrochemical investigations on certain pyrazolin-5-ones,	K. Ramana Kumar, A. R. Guruprasad, V. Srilalitha, G. Narayanaswamy and L.K. Ravindranath (2012)	Scientia Iranica, 10, p2-14	Computing
3	Synthesis of (Z)-3-(3-chloro-2-oxo-4-phenylazetidin-1-yl)-4-(2',-(4-substituted phenyl) hydrazono)-1-(5-thioxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)methyl)-1H-pyrazol-5(4H)-one derivatives,	Nagaraju G, Kishore Kumar K, Jayaveera K.N, and L.K. Ravindranath (2012)	Hetero letters.org, 2(2), p168-173	3.8
4	Synthesis and electrochemical investigation on certain pyrazolin-5-ones,	K. Ramana Kumar, A. Raghavendra Guru Prasad, V. Srilalitha, G. Narayana Swamy, L.K. Ravindranath (2012)	Scientia Iranica, 10, p1016 606-618	1.025
5	Synthesis, characterization and biological avaluation of chiral pyrrolidine sulphonamide bases from tartaric acid,	B. Santosh Kumar, P. Raveendra Reddy, G. Madhu and L.K. Ravindranath (2012)	Pelagia Research Library, 3(5), p 1124-1134	computing
6	Synthesis and structure activity relationship and neroantibacterial active multisubstited quinoline azotidinone mannich bases,	G. Madhu, K.N.Jayaveera, L.K.Ravindranath, B. Santosh and P. Nagarjuna Reddy (2012)	Der Pharma Cehmica, 4(3)	Computing



7	Synthesis characterization and biological evolution of multisubstituted quinoline thiazolidinone mannich base,	G. Madhu, K.N.Jayaveera, L.K.Ravindranath, B. Santosh and P. Nagarjuna Reddy (2012)	Journal of Chemical and Pharmaceutical Research, 4(6), p2928-2936	0.9
8	Synthesis, characterization and biological evaluation of pyrazolones containing multisubstituted thiazolidinones and oxadiazoles,	K. Kishore Kumar, K.B.Chandrasekhar, G. Nagaraju, G. Madhu, Y.N.Spoorthi & L.K. Ravindranath (2012)	Der Pharma Chimica, 4(4), p1603-1612	Computing
9	Synthesis, Characterization and antimicrobial evaluation of novel compounds 8-(benzylideneamino)-3-chloro-6-(2,5-difluorobenzoyl)-1-((4-trifluoromethy I) phenyl)-amino 1,6,7-triazaspiro{3,4}-oct-7ene-2,5-dine.,	K. Sudhakar Babu, M. Swarna Kumari, L.K. Ravindranath and J.Latha (2013)	Der Pharma Chemical , 5(5), p123-130	Computing
10	Synthesis, characterization and biological activity of 1,6,7-triazaspirothiazolidine, tetrazoles and azetidines,	K. Sudhakar Babu, M. Swarna Kumari, L.K. Ravindranath and J. Latha (2013)	Journal of Chemical and Pharmaceutical Research, 5(10), p108-119	0.9
11	Synthesis and Characterization of certain Medicinally Important Novel Pyrazolin-5-ones,	P. Srenivasan,A. Raghavendra,Guru Prasad,G. Narayana Swamy, L.K. Ravindranath (2013)	Hecettepe J. of Biol & Chem, 41(1) 73-79	computing
12	Synthesis, characterization and antimicrobial evaluation of new pyrazoline-5-ones,	Krishna Naik, A.Raghavendra, Guru Prasad, Y.Narasimha spoorthy, L.K. Ravindranath	Journal of Electrochemical Science and Engineering, 3(2), p57-79	computing
13	Synthesis and Antimicrobial Evaluation of Certain Novel Thiazoles,	M. Sreedevi, A. Raghavendra, Guru Prasad, Y.Narasimha Spoothy, L.K.Ravindranath (2013)	Advanced Pharmaceutical Bulletin, 3(1), p227-230	0.875

14	Rapid quantification of amlodipine enantiomers in human plasma by LC-MS/MS: application to a clinical pharmacokinetic study,	Kishore Kumar Swapam Roychowdhury, Ramesh Mullangi and L.K.Ravindranath (2013)	Biomedical Chromatography, 27, p1192-1199	1.723
15	Forced Degradation studies : Practical approach-overview of regulatory guidance and literature for the drug products and drug substances,	H.Kishore kumar, S. PhanikumarReddy, V.Kishore Raju, L.K.Ravindranath (2013)	International Research Journal of Pharmacy, 4(5), p78-85	0.00
16	Rapid quantification of Amlodipine enantiomers in Human Plasma by LC-MS/MS: Application to Pharmacokinetic study,	Kishore Kumar, M. Ramesh, L.K.Ravindranath (2013)	International Research Journal of Pharmacy, 6(5), p91-99	0.00
17	Synthesis, characterization and antimicrobial evaluation of novel compounds 6-nitro-1H-benzo[d]imidazol-2-yl)-methyl-6-phenoxy-4,8-dihydro-1H-[1,3,2]dioxaphosphin o[5,6-d]-imidazole-6-oxide-Mannich bases.	V. Esther Rani, CH Lakshmi Praveena, Y. N. Spoorthi and L. K. Ravindhranath (2013)	Der Pharma Chemica, 5(3), p169-178	Computing
18	Synthesis, characterization and antimicrobial evaluation of novel compounds 1-(benzo[d]oxazol/thiazol-2-yl)-methyl-6-phenoxy-4,8-dihydro-1H-[1,3,2]dioxaphosphin o[5,6-d]imidazole-6-oxide.,	V. Esther Rani, CH Lakshmi Praveena, Y. N. Spoorthi and L. K. Ravindhranath (2013)	Journal of chemical and pharmaceutical Research, 5(8), p149-151	0.9
19	Synthesis characterization and antimicrobial activity of 6-nitro-1H-benzo[d]oxazol /thiazol-2-yl) methyl)-6-oxido-4,8-dihydro-	C. H. Lakshmi Praveena, V. Esther Rani, Y. N. Spoorthy and L.K. Ravindranath (2013)	Der Pharma Chemica, 5(4), p58-70	Computing

	1H-[1,3,2]dioxaphosphepino[5,6-c]pyrazole-6-yl)ureas/carboxamides, C. H. Lakshmi Praveena, V. Esther Rani, Y. N. Spoorthy and L.K. Ravindranath			
20	Synthesis characterization and antimicrobial activity of 6-nitro-1H-benzo[d]imidazole-2-yl methyl)-6-oxido-4,8-dihydro-1H-[1,3,2]dioxaphosphepino [5,6-c] pyrazole-6-yl) ureas/carboxamides-Mannich bases,	C. H. Lakshmi Praveena, V. Esther Rani, Y. N. Spoorthy and L.K. Ravindranath (2013)	Journal of Applied Chemistry, 5(5), p280-292	1.238
21	Synthesis, Characterization and anti-inflammatory activity of indole derivatives bearing -4-oxazetidinone.	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindra Nath, S. Harikrishna, P. Ashok gajapathiRaju (2013)	Journal of Chemical and Pharmaceutical Research, 5(10), p280-288	0.9
22	Synthesis of pyrazolone derivatives containing indole moiety bearing-4-oxazetidinone,	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindra Nath, S. Harikrishna, B.V. Chakravarthi. (2013)	Der Chemica Sinica 4(6), p280-288	0.516
23	Synthesis, Characterization and Biological Evaluation of Novel Thiazole Derivatives containing Indole moiety bearing tetrazole.	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindra Nath, S. Harikrishna, P. Jagadeeswara Rao. (2013)	International Journal of Pharma Research & Review, 2(12)	3.6
24	Synthesis, Characterization and anti tumor activity of thiazole derivatives containing indole moiety bearing -terazole, .	Murali Krishna, P. Raveendra Reddy, L.K. Ravindra Nath, S. Harikrishna, P. Jagadeeswara Rao. (2013)	Der Chemica Sinica, 5(6), p87-93	0.516
25	Synthesis of characterization and pharmacological evaluation of citrine sulfonamide containing heterocyclic motifs,	B. Santhoshkumar, A. Ragavendraguru Prasad, P. Raveendra Reddy, L.K. Ravindranath (2014)	Polish anels in medicine 2, p75-81	0.255

26	Synthesis and silico studies of pyrrolidine sulfonamide based dipeptides as $\beta$ -glucosidase inhibitors,	B. Santhoshkumar, A. Ragavendraguru Prasad, P. Raveendra Reddy, L.K. Ravindranath, G. Madhu (2014)	Anales pharmaceutiques Fralcaises, 3, p256-266	0.58
27	Synthesis and antimicrobial activity and docking studies of N,N <sup>1</sup> -(3S,4S)-bis (3,4 disubstituted pyrrolidine ) -1- sulfonamide derivativs as $\beta$ - glucosidase inhibitors,	B. Santhoshkumar, A. Ragavendraguru Prasad, P. Raveendra Reddy, L.K. Ravindranath, G. Madhu, D.N. Satyanarayana (2014)	The experiment, 4, p1254-1267	1.3
28	Synthesis and antimicrobial evolution of novel spiro compounds containing thiazolidinone and 1,3,4 oxadiazole moieties,	K. Rangaraj, B. Santhoshkumar, A. Ragavendraguru Prasad, L.K. Ravindranath (2014)	Journal of chemical technology and metallurgy, 1, p238-246	computing
29	Synthesis characterization and biological evaluation of 1,3,4 oxadiazole derivatives containing Indole moiety bearing - Tetrazole	S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, P. Jagadeeswara Rao (2014)	Journal of British biomedical bulletin, 2, p528-535	1.1
30	Synthesis and screening of some novel 2,5 substituted (1,3,4 ) oxadizol containing indole moiety.	S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, P. Jagadeeswara Rao (2014)	Journal of chemical science review on letters, 3, p728-734	0.9
31	Synthesis and screening of (E )-1-(4-(2-(((Phenylamino)Methyl) Amino) Acetyl) Phenyl)-4-(2-phynyl hydrazono)-3 (trychloromethyl) -1 H- Pyrazol-5 (4H)-one , L.K. Ravindranath, B.V. Chakravarthi,S. Muralikrishna,	L.K. Ravindranath, B.V. Chakravarthi,S. Muralikrishna (2014)	Hetero cyclic letters, 4, p587-596	3.8
32	Synthesis and screening 2-(2-(3-(4-formyl-tetrahydro -2 phenyl thiophene-3-yl)-1H-indol - 1-yl) acetamido ) - N <sup>1</sup> (2-oxo-1-	S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, P. Jagadeeswara Rao (2014)	Heteroletters, 4, p549-558	3.8

	(piperidin-1-yl) methyl indolin-3-ylidene) methylene) propane hydrazine . S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, P. Jagadeeswara Rao.			
33	Synthesis characterization and biological evaluation of 2-(3-(2-Chloro-3-oxo-4-Phenylcyclobutyl)-1H-Indol-1-yl)-N-(Thiazol-2-yl acitohydrazide),	S. Muralikrishna, L.K. Ravindranath, S. Arunakumar, S. Chandrakala	Scientific review and chemical communications 4, p109-116	0.5
34	Synthesis characterization of indole having tetrazole 1,3,4-oxadizole derivatives and evaluation of their antibacterial and antifungal activities,	P. Ashokgajapathiraju, L.K. Ravindranath, J. Sreeramulu.	Research Journal of pharmaceutical, biological and chemical sciences, 5, p179-186	0.2
35	Synthesis, characterization and biological evaluation of novel 5-((3-((2-(4-phenylthiazole-2-yl)hydrazono)methyl)-1H-indol-1-yl)methyl)-1,3,4-oxadiazole 2(3H)-thione,	S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, S. Harikrishna, P. Ashokgajapathiraju (2014)	Heterocyclic letters, 4(2), 223-233	3.8
36	Synthesis, characterization and biological evaluation of acyclic nucleoside and their condensed pyrenyl derivatives containing indole moiety bearing 2-thiazolidinone,	International Journal of S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, S. Harikrishna, P. Jagadeeswara Rao (2014)	Pharma and Bio Sciences, 5(2), p424-432	Computing
37	Synthesis ureides containing indole moiety bearing 4-oxazetidinone,	S. Muralikrishna, P. Raveendra Reddy, L.K. Ravindranath, S. Harikrishna, P. Jagadeeswara Rao (2014)	Journal of Pharmacy Research 8(2), p196-204	2.89

38	Synthesis ,characterization and Biological studies of Thiadiazepine derivatives of Sultams	S. Harikrishna Prof. L.K.Ravindranath (2015)	Jorunal of applicable Chemistry 4(1), p99-109	2.75
39	Synthesis ,characterization and Biological studies of 1,3,4-Oxadiazle derivatives of Sultams	S. Harikrishna, Prof. L.K.Ravindranath (2015)	World Journal of pharmacy and pharmaceutical science 4(1), p1284-1293	computin g
40	Synthesis, characterization and antimicrobial activities of N-substituted indoline derivatives of Sultams.	S. Harikrishna, Prof. L.K.Ravindranath (2015)	Scholar research Library, Der pharana chemica 7(1), p62-67	2..75
41	Synthesis ,characterization and Biological studies of Thiadiazepine derivatives of Sultams	Uma Reddy Pilla.Veera Reddy Arava, L.K.Ravindranath (2015)	Synth.Communi , 45, p1191197	2.9

**4. Prof.J. Sreeramulu**

Sl. No	Title of the Paper	Name of the Authors	Name of the Journal, Vol/No, Page No.	Impact factor
1	Stability Indicating Fast LC for the Simultaneous Estimation of Intermediates and Degradants of Duloxetine Hydrochloride	Paluru Rudra Mohan Reddy,J.Sreeramulu, Petla Y Naidu, A. Rajasekhara Reddy (2010)	Chromatographia, 71, p95-100	1.411
2	Stablity indicating Fast LC method for the estimation of impurities of Pantoprazole in Tablet Dosage Forms;	Paluru Rudra Mohan Reddy,J.Sreeramulu, Petla Y Naidu, A. Rajasekhara Reddy (2010)	Asian Journal of Research in Chemistry (AJRC, 3(3), p600	0.899
3	GC Quantification of Cyclopropylamine, Diethylamine and Triethylamine in Active Pharmaceutical Ingredients	<a href="#">P. Raghuram</a> , <a href="#">I. V. Soma Raju</a> , <a href="#">J. Sriramulu</a> (2010)	<a href="#">Chromatographia</a> , 71 (9-10), p963-966	1.411

4	Heavy metals testing in active pharmaceutical ingredients: an alternate approach Diepharmazie	Raghuram P, Raghuram P, Raju I. V. Soma Raju, I. V. Soma Sriramulu J (2010)	Pharmazie, 65(1), p15-18	1.0
5	Stability indicating RP-HPLC method for simultaneous determination of Terlipressin in pure and pharmaceutical formulation	Stability indicating RP-HPLC method for simultaneous determination of Terlipressin in pure and pharmaceutical formulation (2010)	J. Chem. Pharm. Res, p2(3), p424-432	0.9
6	Determination of IN-VITRO and IN-VIVO Activities of ALOE VERA.L Against H. Pylori	C Kumari, CVN Prasad, JS Ramulu (2010)	International Journal of Pharma and Bio Sciences, 1(2)	computing
7	Separation, Identification and Structural Elucidation of a new impurity in the drug substance of Amlodipine Maleate using LC-MS/MS, NMR and IR	Gosula Venkat Ram Reddy, Avvaru Praveen Kumar, Bobba Venkateswara Reddy, a Jadi Sreeramulu, Jung Hag Park (2010)	Croatia Chemical Acta, 83 (4), p443 - 449	0.728
8	Stability indicating reversed-phase high performance liquid chromatography method for determination of impurities in ofloxacin tablet formulations.	Bobba Venkateswara Reddy, Avvaru Praveen Kumar, Gosula Venkat Ram Reddy, Mohinish Sahai Jadi Sreeramulu & Jung Hag Park (2010)	Analytical Letters, 43, p2653-2662	1.03
9	Synthesis and Spectrochemical Characterization of Cu(II) and Co(II) new imine metal Complexes- Biological activity	P. Siva Jyothi, V. Sivannarayana Reddy, B. Divakar & J. Sreeramulu (2010)	Inorganic Chemistry, 4(4), p176-184	computing
10	Determination of In Vitro and In Vivo Activities of Aloe Vera L. Against H. Pylori	C Kumari, CVN Prasad, JS Ramulu (2010)	International Journal of Pharma and Bio Sciences, 1(2)	computing



11	Fabrication and Evaluation of Glipizide Aloe barbadensis miller leaf mucilage povidone controlled release matrix tablets;	Hindustan Abdul Ahad, J.Sreeramulu,V. Hima Bindu (2010)	Journal of Pharmacy Research, 3(7), p1569-1572.	2.89
12	Designing and in-vitro Permeation Studies of Glipizide-Ficus carica Fruit Mucilage povidone Transdermal patches	Hindustan Abdul Ahad, J.Sreeramulu,V. Hima Bindu (2010)	Journal of Pharmacy Research, 3(7), p1583-1586.	2.89
13	Stability indicating Fast LC Method for the Estimation of Impurities in Cephalexin for Oral Suspension	Paluru Rudra Mohan Reddy,J.Sreeramulu, Petla Y Naidu, A. Rajasekhara Reddy (2010)	Asian Journal of Research in Chemistry, 3(4), p1090	0.899
14	Designing and Evaluation of Sustained release matrix tablets of Glimepiride based on combination of natural and synthetic Polymers	Hindustan Abdul Ahad, J.Sreeramulu,V. Hima Bindu (2010)	International Journal of Applied Biology Pharmaceutical Technology, 1(30), p770-777	0.99
15	Fabrication of Glimepiride Aloe barbadensis Miller Leaves Mucilage and Povidone Sustained Release Matrix Tablets: In Vitro and In Vivo Evaluation	HA Ahad, J Sreeramulu, VH Bindu, G Prakash (2011)	Journal of Pharmacy Research, 4(3), p748-752	2.89
16	A Stability Indicating RP-HPLC Method with Shorter Runtime for Simultaneous Estimation of Valsartan and Amlodipine From Their Combination Drug Product	C.V.N. Prasad, Ch. Santhosh Kumari and J. Sree Ramulu (2011)	International Journal of Research in Pharmacy Chemistry, 1(2), p102-110	0.510
17	Preparation of Glimepiride Aloe barbadensis Miller Leaves Mucilage and	C.V.N. Prasad, Ch. Santhosh Kumari and J. Sree Ramulu (2011)	International journal of Research in ayurveda and	computing

	Povidone Controlled Release Matrix Tablets: In Vitro and In Vivo Evaluation;		Pharmacy, 2(2), p563-571.	
18	Isolation and Physiochemical characterization of Ficus reticulate fruit mucilage	Hindustan Abdul Ahad, J.Sreeramulu,V. Hima Bindu (2011)	International journal of Green Pharmacy, 5(2), p131-134.	computing
19	Fabrication of Glimepiride Hibiscus esulentus FruitMucilage and Povidone Sustained Release Matrix Tablets:	HA Ahad, J Sreeramulu, R Sreenivasulu, BS Padmaja (2011)	Der Pharmacia Sinica, 2( 2), p91-100	0.516
20	Preparation and in vitro evaluation of altered density gastro retentive microspheres of Famotidine with synthetic and natural polymers	HA Ahad, J Sreeramulu, R Sreenivasulu, M Sravanthi (2011)	Der Pharmacia Sinica, 2(2), p110-118	0.516
21	Development and Validation of RP-HPLC Method for Estimation of impurities of Cefprozil in its Powder for Oral Suspension Dosage form using Sub 2-µm Column;	Reddy P. Rudra Mohan, Sreeramulu J, Naidu Petla Y, Reddy A. Rajasekhara (2011)	Asian Journal of Research in Chemistry, 4(5), p810-814	0.899
22	Novel Chiral LC Methods for the Enantiomeric Separation ofBicalutamide and Thalidomide on Amylose Based Immobilized CSP	Raju, I. V. Soma; Raghuram, P.; Sriramulu, J. (2011)	Current Pharmaceutical Analysis, 7, p47-53	1.71
23	Single RP-HPLC method for the determination of Hydrochlorothiazole , Amlodipine besylate and Valsartan in	Kullai Reddy Ulavapalli, J, Sreeramulu, Useni Reddy Mallu, Viswanath Reddy Pyreddy, Varaprasad Bobbarala (2011)	Journal of Pharmacy Research, 4(3), p894-896	2.89

	pharmaceutical products			
24	Simultaneous determination of pseudoephedrine, fexofenadine and Loratadine in pharmaceutical products using high resolution RP-HPLC method	Kullai Reddy Ulavapalli, J, Sreeramulu, Useni Reddy Mallu, Varaprasad Bobbarala (2011)	Journal of Pharmacy Research, 4(4), p1219-1221	2.89
25	RP-HPLC method for Simultaneous Estimation of Levamisole, Mebendazole and Albendazole in Pharmaceutical Products	Kullai Reddy Ulavapalli, J, Sreeramulu, Useni Reddy Mallu, Viswanath Reddy Pyreddy, Varaprasad Bobbarala (2011)	Indian Journal of Novel Drug Delivery, 3(2), p134-142	4.33
26	Stability Indicating RP-HPLC Method for the Determination of Rasagiline in Pharmaceutical Products;	Kullai Reddy Ulavapalli, J, Sreeramulu, Useni Reddy Mallu, Viswanath Reddy Pyreddy (2011)	International Journal of Science Innovation and Discoveries, 1(1), p19-32.	0.00
27	Rapid Validated Stability Indicating Method for Nizatidine and Its Impurities Quantification	Antony Raj Gomes, Pannala RaghuramJ. Sriramulu, Nimmakalaya Srinivas (2011)	American Journal of Analytical Chemistry (AJAC), 2, p314-323	1.12
28	Novel Approach in designing Oral dissolving Tablets of Amlodipine Besylate; In Vitro Evaluation	Kullai Reddy Ulavapalli,J. Sreeramulu (2011)	Instasci Journal of Pharmaceutical Sciences, 1(1), p12-20	Computing
29	Preparation of Fluconazole $\beta$ - cyclodextrin Complex Ocuserts: In Vitro and In Vivo Evaluation	Hindustan Abdul Ahad,1 J. Sreeramulu,2 B. Suma Padmaja,1 M. Narasimha Reddy,1 and P. Guru Prakash (2011)	ISRN Pharmaceutics, 1(1), p1-8	computing
30	A Validated inductive Coupled Plasma optical Spectrometers (ICP-	Venkata Vivekanand Vallapragada, Gopichand Int, Sreeramulu Jadi (2011)	American Journal of Analytical Chemistry,	1.12

	OES) method to Estimation free Calcium and Phosphorus in In Vitro Phosphates-binding studies of Eliphos Tablets		2, p718-725	
31	Single Synthesis and Spectroscopic Investigation of Cu (II) and Mn (II) New Azomethine Metal Complexes: Biological Activity	G. Nageswara Reddy, J. Sreeramulu (2011)	IJSID, 1(2), 81-94	Computing
32	Synthesis and Spectroscopic Characterization of Mo (VI) and Vo (IV) New Schiff Base Metal Complexes: Biological Activity	G. Nageswara Reddy, T. Noorjahan Begum, T. Sreenadh a Sarma, R.Malikarjuna Rao, G.Nagaraju Reddy, J.Sreeramulu, L.K. Ravindhranath (2011)	IJSID, 1(3), 372-385	computing
33	Synthesis of some new pyrazolo-pyrazole derivatives containing indoles with antimicrobial activity	R. Mallikarjuna Rao, G. Nagaraja Reddy, J. Sreeramu Lu (2011)	Der Pharma Chemica, 3 (5), 301-309	Computing
34	Identification, Characterization of Degradation Component in Desoximetasone Pharmaceutical Dosage Forms and Its Quantification in the Presence of Process Related Impurities;	P. Srinivasu, K. Sudhakarbabu & J. Sreeramulu (2011)	Journal of Liquid Chromatography & Related Technologies, 35(8), p1114-1129	0.638
35	A Stability Indicating RP-HPLC Method With Shorter Runtime for Simultaneous Estimation of Valsartan and Amlodipine from their Combination Drug Product	CVNPrasad,Ch. Santhosh Kumari Sree Ramulu. J (2011)	International Journal of Research in Pharmacy and Chemistry, IJRPC, 1(2), p2231-2781.	0.00
36	Simultaneous Determination of	CVN. Prasad, Ch. Santhosh Kumari, Sree	IJRPC, 1(3), p2231-	0.00

	Telmisartan, Amlodipine Besylate and Hydrochlorothiazide in a Combined poly pill Dosage Form by Stability- Indicating High Performance Liquid Chromatography	RamuluJ (2011)	2781	
37	A Stability Indicating RP-HPLC Method for Simultaneous Estimation of Valsatan and Atrovastatin from Combination Drug Product;	C.Venkata Nagendra Prasad, Santhosh Kumari, J.Sriramulu (2011)	International Journal of Pharmaceutical Research & Analysis, 1 (1), p26-31	computing
38	Synthesis of some Pyridine and Pyrrole derivatives of Pyrazolo[3,4- C] Pyrazoles	R. MallikarjunaRao, J. Sreeramulu (2012)	Journal of pharmacy research, 5(1)	2.89
39	Synthesis and biological Screening of Some Pyridine and Pyrrole derivatives of Pyrazolo [3, 4- c]Pyrazoles	R. MallikarjunaRao, J. Sreeramulu L. K. Ravindranath, G.NagarajaReddy,K. Hanumanthurayudu, G. Nageswara Reddy,A. Jayaraju, P. Madhusudha (2012)	JOCPR, 4(1), p272-278	computing
40	Synthesis Characterization and biological evalution of novel dithiocarbamate metal complexes	A. Jayaraju, M. Musthak Ahamad, R. Mallikarjuna Rao, J. Sreeramulu (2012)	Der Pharma Chemica, 4(3), p1191-1194	Computing
41	Synthesis and antimicrobial activity of a novel series of quinoxaline2,3- Dione derivatives	M.Aswartha umakanthareddy, J.Sreeramulu,Satyanaray ana Punna (2012)	IJAPR, 3(7), p1010-1020	2.583
42	Formulation development of Losartan potassium microspheres using Natural Polysaccharides and	M.Aswartha umakanthareddy, J.Sreeramulu,Satyanaray ana Punna (2012)	RJPBCS, 3(2), p725	0.35

	their In-Vitro evaluation			
43	Synthesis and antimicrobial activity of some new transition metal complexes derived from 2,4-Diphenoxy acetophenones	M.Aswartha umakanthareddy, J.Sreeramulu, K.Syamaiah (2012)	IJAPR, 3(3), p805-809	2.583
44	A Novel derivatives of Azetidin-2-ones having Antibacterial activity,	M. Reddy, J. Sreeramulu (2012)	IJPT, 4(1), p4116-4126	computing
45	Preparation of Glimepiride Sustained Release Matrix Tablets using Hibiscusrosa-sinensis Leaves Mucilage and Povidone	AhadH A,Sreramulu J,Reddy N D, Sravanthi M,Padmaja BS (2012)	Indian Journal of Pharmaceutical Education and Research, 46 (2), p161-167	0.219
46	Fabrication and In vitro Evaluation of High density Gastro retentive Microspheres of Famotidine with Synthetic and Natural Polymers	AA Hindustan, J Sreeramulu, RD Narasimha (2012)	Pharmaceutical Education and Research, 46(1)	0.219
47	Synthesis and characterization of p-Toluic hydrazide and o-Hydroxy Acetophenone Schiff base and its metal complexes	G.N. Raja Reddy,S. Kondaiah , J. Sreeramulu (2012)	Asian J.Reasearch Chem, 5(3)	0.45
48	Comparative of binding parameter constant between Sevelamer HCl Tablets and Renagel Tablets by a valisated Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES) method	Venkata Vivekanand Vallapragada, Gopichand Inti, Ajay Kanyadhara, Sudhakar RAO Vidiyala, Sreeramulu Jadi (2012)	American Journal of Analytical Chemistry (AJAC), 3, p820-827	1.12
49	Synthesis ,Structural Characterization and	G.N. Raja Reddy,S. Kondaiah	Oriental Journal of	0.00

	Anti- bacterial Activity of some Novel Schiff base Ligands and their Vanadium (IV) Metal Complexes.	K.Nagaraja Setty,R. Mallikarjuna Rao,J. Sreeramulu (2012)	Chemistry, 28(40), p1673-1683	
50	Identification, characterization of degradation component in desoximetasone pharmaceutical dosage forms and its quantification in the presence of process related impurities.	P. Srinivasu, K. Sudhakarbabu J. Sreeramulu (2012)	Journal of Liquid Chromatography and related Technologies, 35,p1114-1129	0.638
51	Determination of Stability Indicating Assay Method for Eszopiclone in Pharmaceutical Drug Substances, a comparative study by UPLC and HPLC	K Hanumanturayudu, J Sreeramulu (2013)	International Journal of bioassay, 14, p554-558	Computing
52	Synthesis and characterization of 2-amino pyridine dithiocarbamate ligand and it's Cu(II), Co(II) metal complexes	K. Venu Gopal, P. Siva Jyothi, P. Ashok Gajapathi Raju, K. Rameshbabu and J. Sreeramulu (2013)	Journal of Chemical and Pharmaceutical Research, 5(6), p50-59	0.9
53	Comparision of binding parameter constants between Sevelamer Cabonate Tablets and Renvela Tablets by a validated Ion chromatography method	Venkata Vivekanand Vallapragada, Gopichand Inti, Sreenivas Reddy Geevanagari, Sudhakar Rao, Sreeramulu Jadi (2013)	American Journal of Analytical Chemistry (AJAC), 4, p213-220	1.12
54	New Stability Method for Undicating for Quantification of Impurities in Amlodipine and BenzaprilCapsules by Validated HPLC	Ramajoga Venkata Eranki, Gopichand Inti, Venkatasubramanian Jayaraman, Raghuram Pannala, Sudhakar Rao Vidiyala, J. Sreeramulu (2013)	American Journal of Analytical Chemistry (AJAC), 4, p715-724	1.12



55	New Stability Method for Undicating for Quantification of Impurities in Amlodipine and Valsartan Tablets by Validated HPLC	Ramajoga Venkata Eranki, Gopichand Inti, Venkatasubramanian Jayaraman, Sudhakar Rao Vidiyala, J. Sreeramulu (2013)	International Journal of Pharmaceutical Research Scholars, ID: 178269 ID: 178269	1.02
56	New Stability Method for Undicating for Quantification of Impurities in Amlodipine and Atovastan Tablets Calcium By Validated HPLC	Ramajoga Venkata Eranki, Gopichand Inti, Venkatasubramanian Jayaraman, Sudhakar Rao Vidiyala, J. Sreeramulu (2013)	International Journal of Pharmaceutical Research Scholars, 2(1-4), p458-471	1.02
57	Synthesis and characterization of new dithiocarbamate complexes.	Venugopal K, Sivajyothi P, Raju P. Ashok Gajapathi, Sreeramulu J. (2013)	Asian Journal of research chemistry, 6(4), p323-330	computing
58	Synthesis, spectroscopic investigation and biological studies of p-toulic hydrazide azomethine metal complexes	G. Nageswara Reddy, A Jaya Raju, R Mallikarjuna Rao, J. Sreeramulu (2014)	International Journal of Institutional Pharmacy and Life, 4(4), p28-48	Computing
59	Synthesis and Characterization of Isoxazole derivatives from Strained Bicyclic Hydrazines	K. Rameshbabu, K. Venu Gopal, A. Jayaraju, J. Sreeramulu (2014)	Journal of Chemical and Pharmaceutical Research, 6(4), p715-719	0.9
60	Synthesis and Spectral Characterization of new Schiff bases	G. Nageswara Reddy, T. Sreenadha Sarma, K. Venugopl, K. Rameshbabu, M. Madhusudhana Reddy (2014)	International Journal of Innovations in Pharmaceutical Sciences, 3(2), p127-132	Computing
61	cu <sup>2+</sup> Selective Turn on Fluorescent Chemosensor Based on Anthracene Ethanol Imino Conjugate and its Microscopic Studies	K. Rameshbabu, K. Venu Gopal, A. Jayaraju, J. Sreeramulu	International Journal of Multidisciplinary Educational Research, 3-9(1), p12-21	2.732

62	Chemical synthesis, Characterization and Antibacterial Activity of 2-amino-2-ethyl 1,3 propanediol and it's Cu (II), Ru (III) Complexes	K Venugopal, M Ahammed, A Jaya Raju, K.Rameshbabu J.sreeramulu (2014)	Unique Research Journal of Chemistry, 02 (01), p8-15	Computing
63	Synthesis, Spectroscopic Investigation and DNA Binding studies of Pramipexole Schiff Base Metal Complexes	T Noorjahan Begum, A Jaya Raju, R Mallikarjuna Rao, J. Sreeramulu (2014)	Journal of Pharmacy Research, 8(3), p366-373	2.89
64	New Stability Method for Indicating for Quantification of Impurities in Amlodipine and Hydrochlorothiazide Tablets by Validated HPLC	Ramajoga Venkata Eranki, Gopichand Inti, Venkatasubramanian Jayaraman, Sudhakar Rao Vidiyala, J. Sreeramulu (2014)	International Journal of Pharmaceutical Research Scholars, 3(1)-2, 591-601	1.02
65	Comparison of binding parameter between Lanthanum Carbonate Chewable Tablets and Fosrenol Tablets by a validated Inductively Coupled Plasma- Optical Emission Spectrometry(ICP-OES)	Venkata Vivekanand Vallapragada, Gopichand Inti, Sudhakar Rao, Sreeramulu Jadi (2014)	International Journal of Pharmaceutical Research Scholars, 3(1-1), 718-731	1.02
66	Synthesis and characterization of novel heterocyclic(3-amino-9-ethyl carbazole)dithiocarbamate ligand and its metal complexes	K.Venugopal and J.Sreeramulu* (2015)	Derpharma chemical, 7, p252-260	0.5

67	Synthesis and characterization of novel heterocyclic dithiocarbamate metal complexes and study of their biological activity	K.Venugopal ,A.Jayaraju and J.Sreeramulu* (2015)	Journal of Pharmacy Research, 9(2) p125-128	0.8
68	Synthesis and characterization of 2-amino-3-hydroxy pyridine dithiocarbamate ligand and its metal complexes	K.Venugopal and J.Sreeramulu (2015)	International Journal of Innovations in Pharmaceutical Sciences, 4 (1), p9-15	0.3

**5. Prof. P. Raveendra Reddy**

Sl. No	Title of the paper	Name of the author	Name of the journal, Vol/No, Page No	Impact factor
1	Visible Extractive Spectrophotometric Estimation of Teicoplanin in Pharmaceutical formulations	P. Janakipathi, N. Appalaraju, P. Raveendra Reddy (2010)	Asian journal of Research chemistry, 3-3, p710-713	computing
2	Spectrophotometric determination of Lamotrigine in Pharmaceutical dosage forms	M.P. Reddy, P. Raveendra Reddy (2011)	International Journal of Chemical sciences, 9-2, p2363-2366	1.298
3	A Simple Spectrophotometric method for the assay of Ramipril In Pharmaceutical formulations	M.P. Reddy, P. Raveendra Reddy (2011)	International Journal of Chemical sciences, 9-2, p779-783	1298
4	Spectrophotometric determination of Mosapride Citrate in Pharmaceutical formulations	M.P. Reddy, P. Raveendra Reddy (2011)	Asian journal of Research chemistry, 4-7,	computing
5	Simple Spectrophotometric determination of Esomeprazole Magnesium in Pharmaceutical formulations	M.P. Reddy, P. Raveendra Reddy (2011)	Asian journal of Pharmaceutical and Health Sciences, 1-1, p135-136	Computing

6	Devalopment and validation of a RP-HPLC Method for Dustasteride and its impurities in bulk drug	R. Navaneeswari, P. Raveendra Reddy (2011)	African Journal of Scientific Research, 6-1, p318-324	Computing
7	Visible Spectrophotometric estimation of pemetrexed disodium in Pharmaceutical formulations	P. janaki Pathi, N. Appala Raju and P. Raveendra Reddy (2011)	Journal of Pharmacy and Research, 4-2, p524-525	0.78
8	A New Stability Indicating RP-HPLC Method for related Substances in Zolmitriptan	R. Navaneeswari, P. Raveendra Reddy (2011)	African Journal of Scientific Research, 4-1, p229-243	Computing
9	2-Hydroxy-3-3Methoxy Benzaldehyde Thiosemicarbazone (HMBATSC) as a Spectrophotometric Reagent for the simultaneous Determination of Indium (III) and Vanadium (IV) in synthesis	P. Raveendra Reddy (2011)	International Journal of Chemistry and Applications, 3-3,	computing
10	2,4-Dihydroxy Benzaldehyde Isonicotyl Hydrazone	P. Raveendra Reddy (2011)	International Journal of Chemical Engineering, 4-2,	computing
11	Visible Spectrophotometric estimation of Atazanavir in Pharmaceutical Formulations	P. Janaki Pathi, P. Raveendra Reddy (2011)	Research Journal of Pharmacy and Technology, 4-2, p273-275	--
12	Visible Spectrophotometric estimation of Emtricitabine in Pharmaceutical Formulations	P. Janaki Pathi, P. Raveendra Reddy (2011)	Research Journal of Pharmacy and Technology, 4-3, p437-440	--
13	Visible Spectrophotometric estimation of Tenofovir Disoproxil Fumarate in Pharmaceutical Formulations	P. Janaki Pathi, P. Raveendra Reddy (2011)	Research Journal of Pharmacy and Technology, 4-3, p446-449	--

14	Visible Spectrophotometric estimation of capecitabine in Pharmaceutical formulations. Internal Simple Spectrophotometric determination of Esomeprazole Magnesium in Pharmaceutical Formulations	P. Janaki Pathi, P. Raveendra Reddy (2011)	Asian journal of Pharmaceutical and Health Sciences, 2-5, p29-30	--
15	Spectrophotometric determination of Manganese (II) with 2-Hydroxy-1-Naphthaldehyde Isonicotinoylhydrazide	P. Raveendra Reddy (2011)	International Journal of Chemical and analytical Science, 2-10, p101-105	computing
16	Two simple Spectrophotometric methods for the Estimation of Masalamin in Bulk sample and its Pharmaceutical dosage forms	M. Purushottam Reddy, K. Prabhavathi, P. Raveendra Reddy (2011)	Global Journal of Pharmacology, 5-2 p101-105	computing
17	RP-HPLC Method for the estimation of pemetrexed assay in formulations	P. Raveendra Reddy (2011)	International journal of innovations and discoveries.IJSD, 1-1, p1-10	computing
18	Single RP-HPLC Method for the estimation of Losartan potassium, enalapril maleate and hydrochlorothiazide in Pharmaceutical Formulations	P. Raveendra Reddy (2011)	International journal of innovations and discoveries. IJSD, 1-1, p33-40	computing
19	Novel RP-HPLC Method for metformin Hcl, glipizide and repaglinide, Pharmaceutical drug products	P. Raveendra Reddy (2011)	International journal of research and reviews in pharmacy and applied sciences, 1-3, p131-139	3.6

20	Synthesis and Anti-Bacterial activity of [3-(4-substitutedphenylamino)-8-azabicyclo[3.2.1]oct-8-yl]-methanone Derivatives]	P. Raveendra Reddy (2011)	Journal of Korean Chemical Society, 55-6, p969-973	coputing
21	Synthesis and antimicrobial activity of novel substituted benzo(d) isoxazol-3-ol derivatives	B. Sutender Reddy, Ramachandra Reddy, P. Raveendra Reddy (2011)	Hetero cyclic Letters, 1-4, p323-328	3.8
	Development of Rapid and sensitive HPLC Assay Method for Lenalidomide Capsules and its Related Sunstances	L. Mahaeswara Reddy, P. Raveendra Reddy	E- Journal of Chemistry, 9-3, p1165-1174	0.516
22	AMI study of electronic structure of Benzyl pencillin	P. Raveendra Reddy (2012)	International Journal of Organic and Bioorganic Chemistry, 2-1, p1-6	computing
23	AMI study of the conformation of lactum-lactin tautomerism in Benzyl pencillin	P. Raveendra Reddy (2012)	International Journal of Research in Chemistry, 2-1, p6-12	0.428
24	Spectrophotometric determination of Au(III) using 2-hydroxy-3-methoxybenzaldehydet hio semicarbazone as chromophoric reagent	Prem Kumar, P. Raveendra Reddy (2012)	International Scholarly Research Network, ISRN Analytical Chemistry 1, p1-5	0.606
25	Direct and second order Derivative Spectrophotometric determination of Vanadium (IV)	Prem Kumar, P. Raveendra Reddy (2012)	International Journal of Chem Tech Research, 4-2, p686-690	Computing
26	Extractive Spectrophotometric Estimation of Olopatadine using acid dyes in tablets dosage forms	P. Saifulla Khan, P. Janaki Pathi., P. Raveendra Reddy, And V. Krishna Reddy, N. Appalaraj (2012)	Journal of Pharmacy Research, 5-4, p2104-2106	2.89

27	Extractive Spectrophotometric Estimation of Eplerenone using acid dyes in tablet dosage forms	P.Janaki Pathi, P. Raveendra Reddy, And V. Krishna Reddy, N. Appalaraj (2012)	Der Pharama Chemica, 4-5, p1883-1886	Computing
28	A Simple RP-HPLC method for related substances of zoledronic acid in Pharmaceutical Products	L.Maheswara Reddy, P. Raveendra Reddy	Arabian Journal of Chamistry, 1-6	
29	Analytical Method for Piperizine in an Active Pharmaceutical ingredient using chemical derivatization and HPLC_UV	P.Navaneeswari, P. Raveendra Reddy (2012)	Journal of Chemical and Pharmaceutical Research, 4-6, p2854-2859	0.9
30	Synthesis Characterization and biological evaluation chiral pyrrolidine sulphonamide mannich base from tartaric acid	B.Santhosh Kumar, P. Raveendra Reddy, L.K. Ravindranath (2012)	Der Chemica Sinica, 3-5, p1124-1134	0.516
31	Determination of Aluminium (III) in minerals, sludges,soils and plant extracts using-2-hydroxy-3-methoxybenzaldehyde-p-hydroxybenzoichydraz one	S. Satyasree, , And V. Krishna Reddy, P. Raveendra Reddy (2012)	International Journal of Scientific and Research Publications, 2-12,p 1-7	1.22
32	Direct and Derivative Spectrophotometric determination of La (III) using -2-hydroxy-3-methoxy benzaldehyde-p-hydroxybenzoic hydrazone	S. Satyasree, And V. Krishna Reddy, P. Raveendra Reddy (2012)	Der Chemica Sinica, 3-6, p1415-1420	0.516
33	Synthesis, Characterization and invitro anti-microbial activity of new class of 7-Substituted amino-2-phenyl-3H-pyrimido[4,5-d]pyrimidi-4-one	P. Raveendra Reddy (2013)	Journal of Hetero Cyclic Chemistry, 50-4, p963-968	3.8



	Direct, Derivative Derivative Spectrophotometric determination of micro amounts of Pd(II) by 5- bromo salicylaldehyde isonicotylhydrazone	M.Swetha P. Raveendra Reddy (2013)	Advances in Applied science Research, 4-2, p298-304	
34	AM1 study on the conformational analyses of tautomers in benzylpenicillin	P. Raveendra Reddy (2013)	International Journal of Pharmaceutical and Chemical Sciences, 3-2, p1150-1156	2.117
35	Direct and Derivative Spectrophotometric determination of Ruthenium (III)	Praveen Kumar, P. Raveendra Reddy (2013)	Journal of Chemical and Pharmaceutical Research 5-4, p1142-1147	0.9
36	Determination of atazanvir sulfate in Pharmaceutical dosage forms by extraction Spectrophotometry using acid Dyes	P. Saifulla Khan, P. Janaki Pathi., P. Raveendra Reddy, And V. Krishna Reddy, (2013)	Journal of Chemical and Pharmaceutical Research 5-6, p2941-2946	0.9
37	Visible Spectrophotometric Methods for the Determination of Zolmitriptan in Bulk and Pharmaceutical Formulations Using Aromatic Aldehydes and Folin's Reagent	P. Saifulla Khan, P. Janaki Pathi., P. Raveendra Reddy, and V. Krishna Reddy, (2013)	International Journal of Chem Tech Research 5-6, p2941-2946	Comput ing
38	Direct and Derivative Spectrophotometric determination of Chromium (VI) in microgram quantities using 5-bromo salicylaldehyde isonicotinoyl hydrazone	S.Sobha, M.Swetha, P. Raveendra Reddy (2013)	Asian Journal of Research Chemistry, 6-7	comput ing
39	Non-Extractive Spectrophotometric determination of U(VI in microgram quantities using 5- bromo salicylaldehyde Isonicotoyl Hydrazone	M.Swetha, P. Raveendra Reddy (2013)	International Journal of Scientific and Research Publications, 3-8, p1-5	1.22

	in Environmental, Phosphate Rocks and Fertilizer Samples)			
40	Direct and Derivative Spectrophotometric determination of Vanadium(V) in microgram using 5-bromo salicylaldehyde isonicotinoyl hydrazone	M.Swetha, P. Raveendra Reddy (2013)	International Journal of Chem Tech Research, 5-5, p2322-2328	Computing
41	Synthesis, Characterization and anti-inflammatory activity of indole derivatives bearing-4-oxazetidinone	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna, B.V. Chakravarthi (2013)	Journal of Chemical and Pharmaceutical Research 5-10, p280-288	0.9
42	Synthesis of Pyrazolone derivatives containing indole moiety bearing-4-oxazetidinone	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna, B.V. Chakravarthi (2013)	Der Chemica Sinica 4-6, p22-28	0.516
43	Synthesis, Characterization and biological Evaluation of Novel Thiazole Derivatives containing Indole moiety bearing tetrazole	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna, P.Jagadeeswara Rao (2013)	International Journal of Pharmaceutical Research and Review, 2-12	3.6
44	Synthesis, Characterization and anti tumor activity of thiazole derivatives containing indole moiety bearing-tetrazole	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna, P.Jagadeeswara Rao (2013)	Der Pharama Chemica, 5-6, p87-93	Computing
45	Sensitive Spectrophotometric determination of Thirium(IV) using 5-bromo salicylaldehyde isonicotinoyl hydrazone	M.Swetha, P. Raveendra Reddy (2014)	The Experiment, 19-2, p1310-1315	1.3
46	Synthesis, Biological activity and docking studies of N,N'-(3S,4S)-bis(3,4-disubstituted pyrrolidine)-1-sulfonamide derivatives of beta-	B.Santhosh Kumar, P. Raveendra Reddy, L.K. Ravindranath (2014)	The Experiment 18-3, p1254-1257	1.3

	glucosidase inhibitors			
47	Synthesis and insilico studies of pyrrolidine sulfonamide based dipeptides as glucosidase inhibitors	B.Santhosh Kumar, P. Raveendra Reddy, L.K. Ravindranath (2014)	Annales Pharamaceutic a Francaises	0.58
48	Synthesis of 1,3,4,-oxadizole derivatives containing Indole moiety bearing Thiazolidinone and anti-inflammatory activity of thiazolidinone	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna,P.Jagadeeswara Rao (2014)	International Journal of Chem Tech Rsearch, 6-1, p183-194	computing
49	Synthesis of Uredies containing indole moiety bearing 4-oxazetidinone	S. Murali Krishna, P. Raveendra Reddy, L.K. Ravindranath, S.Harikrishna,P.Jagadeeswara Rao	Journal of Phramacy Research 8-2, p196-204	2.7
50	Simultaneous Second Derivative Spectrophotometric Determination of Gold and Cobalt.	D. Prem Kumar, A. Praveen Kumar and P. Raveendra Reddy (2015)	Res. J. Chem. Sci 5(2) 4-7	0.998
51	Analytical investigation on iron (iii) in presence of surface soils, biological samples, food materials and pharmaceuitical samples using 2-hydroxy-3-methoxy benzaldehyde-p-hydroxy benzoic hydrazone.	G. Govindu, P. Raveendra Reddy and V. Krishna Reddy, (2015)	World Journal of Pharmacy and Pharmaceutical Sciences, 4(3), p925-940	-
52	Synthesis of New 5-methylfuran-2-carbaxaldehyde thiosenicarbazone (5-MFAT): Selective and Sensitive Spectrophotometric Determination of Co(II) in Vegetable, Soil, Water and Alloy Samples.	G. Sreenivasula Reddy And P. Raveendra Reddy. (2015)	J. Mater. Environ. Sci., 6(6), p1699-1708	0.5
53	Spectrophotometric method for the Determination of	G. Sreenivasula Reddy and P. Raveendra Reddy. (2015)	International of chemistry, Physics and	0.2

	Copper (II) in leafy Vegetable, Soil, Alloy and Pharmaceutical Samples Using 3-methylthiophene-2-carboxaldehyde-3-thiosemicarbazone (3-MTAT).		Astronomy., 51, p105-114	
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**5. Prof.K.SUDHAKAR BABU**

<b>Sl. No</b>	<b>Title of the Paper</b>	<b>Name of the author(s)</b>	<b>Name of the Journal/Book, Vol./ No., Page Nos.</b>	<b>Impact factor</b>
1	A validated stability-indicating LC method for acetazolamine in the presence of degradation products and its process-related impurities	PrabhaSriniviasu, Devarakonda V.SubbaRao, Raju V.K.Vegesna and K.SudhakarBabu (2010),	Journal of Pharmaceutical and Biomedical Analysis (ELSEVIER) 52, p142-148	2.867
2	A Validated Stability-Indicating LC Method for Fluocinonide in the presence of degradation products, its process-related impurities and Identification of Degradation Products	PrabhaSrinivasu, Devarakonda V.SubbaRao, Raju V.K. Vegesna and K.SudhakarBabu (2010)	American Journal of Analytical Chemistry ,(SCIENTIFIC RESEARCH) 1, p 113-126	1.12
3	Commercial Scalable process for the preparation of Irbesartan intermediate	SomisettiNarenderRao, Devarasetty Sitaramaiah, ChallaNageswar Rao, and K.SudhakarBabu (2010)	Rasayan J. Chem 3(4), 681-389	comp uting
4	In Vitro and in Vivo Anti Inflammatory activity of ButeaMonosperma Stem Bark Extract	A.Muralidhar, K.SudhakarBabu, T.Ravi Shankar, P.Reddanna, G.V.Reddy and J.Latha (2010)	International Journal of Pharmacy & Therapeutics, 1, p44-51	2.104
5	Anti Inflammatory activity of Flavonoid Fraction Isolated from the Stem Bark of ButeaMonosperma (LAM): A mechanism based study	A.Muralidhar, K.SudhakarBabu*, T.Ravi Shankar, P.Reddanna, G.V.Reddy and J.Latha (2010)	International Journal of Phytopharmacology, 1(2), p124-132	comp uting
6	Evaluation of wound healing properties of bioactive fractions from the extract of Buteamonosperma (lam) stem bark	AvulaMuralidhar, K.SudhakarBabu, T.Ravisankar, P.Reddanna and J.Latha (2011)	International Journal of Phytomedicine, 3, p41-49	0.89

7	An improved and efficient synthesis of Irbesartan, an antihypertensive drug	SomisettiNarenderRao and K.SudhakarBabu (2011)	Organic Communication 4 (4), p105-111	comp uting
8	An improved process for the preparation of (S,S)-2,8-diazabicyclo [4,3,0] nonane, a key intermediate of moxifloxacin hydrochloride	Narender Rao Somiseti, Veeraiah Mynam, Nageswar Rao Challa, Somaiah Sripathi, Raju Veeramalla, Srinivasa Rao Peddi and K.SudhakarBabu (2011)	Organic Chemistry an Indian Journal OCAIJ, 7 (2), p123-129	comp uting
9	Synthesis and Characterization of Potential impurities of Carvedilol, an Antihypertensive Drug	SomisettiNarenderRao, DevarasettySitaramaiah, KemaSrimannarayana, ChallaNageswar Rao, PeddiSrinivasa Rao and K.SudhakarBabu (2011)	Synthetic Communication , 41, p85-93	comp uting
10	Stability-indicative, validated, fast HPLC method for quantification of two genotoxic impurities in imatinibmesylate	Venkataramanna Madireddy, Kondra SudhakarBabu and P.Narayanareddy (2011)	Global Journal of Analytical Chemistry, 2(5), p198-207	comp uting
11	Identification of Degradant Impurity in Gefitinib by Using Validated RRLC Method	Madireddy Venkataramanna, Indukuri Venkata Somaraju and KondraSudhakarBabu (2011)	American Journal of Analytical Chemistry (SCIENTIFIC RESEARCH), 2, p75-83	1.12
12	Development and validation of stability indicating the RP-HPLC method for the estimation of related compounds of guaifenesin in pharmaceutical dosage forms	Sunil Pingili Reddy, K.SudhakarBabu, Navneet Kumar and Y.V.V.SasiSekhar (2011)	Pharmaceutical Methods , 2(4), p229-234	comp uting
13	Identification, Characterization of Degradation component in Desoximetasone Pharmaceutical dosage forms and its Quantification in the presence of process related impurities	P.Srinivasu, K.Sudhakar Babu and J.Sreeramulu (2012)	Journal of Liquid Chromatograph y & Related Technologies , 35, p1114-1129	1.272
14	Identification of Degradation Components in Lindane Pharmaceutical Dosage Forms by GC-MS and their Quantification by GC-ECD	SrinivasuPrabha, Raju V.K. Vegesna, and SudhakarBabu K (2012)	Current Pharmaceutical Analysis , 8, p389-400	4.90

15	A Validated Stability-Indicating UF LC Method for Bortezomib in the presence of Degradation products and its process-related Impurities	Venkataramanna.M, K.Sudhakar Babu & Anwar Sulaiman KC (2012)	International Journal of Life Science & Pharma Research , 2 (1), p135-146	comp uting
16	Degradation Pathways for Eplerenone by Validated Stability Indicating UP-LC Method	Kondra SudhakarBabu, Venkataramanna Madireddy, et al (2012)	International Scholarly Research Network , Article ID 251247, p1-8	0.30
17	Synthesis, characterization and antimicrobial activity of novel biphenyl tetrazoles	Somisetti Narender Rao, T.Ravisankar, J.Latha and K.Sudhakar Babu (2012)	Scholars Research Laboratory Der PharmaChemic a, 4(3), p1093-1103	0.38
18	A validated stability indicating ion exchange Chromatographic method for the quantification of Alendronate, Phosphate in Alendronate Sodium tablets and analysis of In-Vitro dissolution samples	P.Sunil Reddy, K.SudhakarBabu, Navneet Kumar and P.Balakrishna (2012)	J. Chil. Chem. Soc. , 58(3), p1232-1236	0.78
19	Anti-Arthritic Activity of Methanolic Extract of Leaves of AnnonaCherimola	UgandharRaju D, Raghavendra HG, Sridhar C, Suresh Kumar SV, Sivarami Reddy Y, Udayasree K, TrimurtuluGolakoti and SudhakarBabu K (2012)	Int. J. Pharmacol. Bio. Sci., 6(2), p35-44	0.47
20	Development and Validation of a Stability-Indicating RP-HPLC Method for the Simultaneous Estimation of Process Related Impurities and Degradation Products of Rasagiline Mesylate in Pharmaceutical Formulation	P.Sunil Reddy, K.SudhakarBabu and Navneet Kumar (2012)	Journal of Chromatograph ic Science Advance Access , DOI: 10.109, p1-8	1.2
21	Synthesis and Characterization of Impurities of an Anticonvulsant Drug, Lamotrigine	SomisettiNarenderRao, SripathiSomaiah, T.Ravisankar and K.SudhakarBabu (2012)	International Journal of Pharmacy and Pharmaceutical	1.1

			Sciences , 4(1), p133-136	
22	Electrochemical Study of Zinc(II)-(AMP) Complex System	K.SudhakarBabu K.Shantha and K.Hari Nagamaddaiah (2012)	J. Electrochem Soc. India , 61 (1), p9-11	1.027
23	Simultaneous Polarographic Determination of Copper and Zinc in synthetic samples (2-amino-2-methyl-1-propanol as complexing agent)	K.SudhakarBabu and K.Shantha (2012)	J. Electrochem Soc. India , 61 (1), p29-31	1.027
24	A Validated Stability-Indicative UPLC Method for Nilotinib Hydrochloride for the determination of process-related and degradation impurities	SudhakarBabu Kondra, Venkataramana Madireddi, Mohanreddy Chilukuri, Narayanareddy Papadasu and Latha (2013)	Journal of Chromatograph ic Science , DOI: 10.109, p1-6	0.954
25	A Validated Normal Phase LC Method for Enantiomeric Separation of RasagilineMesylate and Its (S)-Enantiomer on Cellulose Derivative-Based Chiral Stationary Phase	P.Sunil Reddy, K.SudhakarBabu and Navneet Kumar (2013)	Chirality, 25, p324-327	2.3
26	A validated RP-HPLC method for the determination of Irinotecan hydrochloride residues for cleaning validation in production area Method RP-HPLC validadopara determinacion de residuos de IrinotecanHidrocloruro para la validation de la limpieza en el area de production	P.Sunil Reddy, K.SudhakarBabu and Navneet Kumar (2013)	RevistaCuba na de Farmacia, 47(1), p41-50	0.30
27	Phytochemical Constituents, Anti-Inflammatory and Analgesic Effects of Methanol extract of leaves of AnnonaCherimola	UgandharRaju D, SudhakarBabu K, Raghavendra HG, Sridhar C, Suresh Kumar SV, UdayaSree K, and TrimurtuluGolakoti (2013)	International Journal of Comprehens ive Pharmacy , 04(02), p1-5	
28	A simple, convenient one-pot synthesis of [1,2,4]triazolo/benzimidazo loquinazolinone derivatives by using molecular iodine	Ravinder Goud Puligoundla, Shuklachary Karnakanti, Rajashaker Bantu, 2NagaiahKommuSudhaka	Tetrahedron Letters, (ELSEVIER), (54), p2480-2483	2.397



		rBabuKondra and LingaiahNagarapu (2013)		
29	Thermal Decomposition of Ammonium per chlorate – Tetra Methyl Ammonium Tetrafluoroborate Mixture: a simultaneous TG-MS Approach	M.R.R.Prasad and K.SudhakarBabu, B.Sreedhar, M.Amarnath Reddy and D.Keerthi Devi (2013)	Journal of Chemistry and Chemical Sciences, 3((3), p213-220	
30	Thermal Decomposition of Tetrabutylammonium – tetrafluoroborate, hexafluorophosphate and perchlorate	M.R.R.Prasad and K.SudhakarBabu (2013)	Journal of Applicable Chemistry, 2(4), p975-981	1.291
31	Selective Characterization of Sludge Wastes generated in the Common Effluent Treatment Plants and suitability evaluation for Land Application – an investigation	K.SudhakarBabu, B.V.Prasad, K.V.Ramani and K.HariNagamaddaiah (2013)	Journal of Applicable Chemistry, 2(4), p869-875	1.291
32	Use of Hazardous Sludge Waste generated in the Common Effluent Treatment Plants as Fuels/Co-fuels – Viabilities with respect to total Organic Carbon, Calorific value and Ash content – an investigation	K.SudhakarBabu, B.V.Prasad, K.V.Ramani and K.HariNagamaddaiah (2013)	Journal of Applicable Chemistry, 2(4), p882-886	1.291
33	Synthesis and Antibacterial activity of some Novel 1-piperdin-4-yl-1,3-dihydro-2H-benzimidazol-2-one analogs	K.SudhakarBabu, T.RaviSankar, J.Latha, B.RamBabu and M.SwarnaKumari (2013)	Journal of Applicable Chemistry , 2(4), p772-778	1.291
34	Synthesis,characterization and antimicrobial evaluation of novel compounds dione	K.SudhakarBabu, M.SwarnaKumari, L.K.Ravindranath and J.Latha (2013)	Journal of Der Pharma Chemica, 5(5), 123-130	Computing
35	Synthesis, characterization and biological activity of 1,6,7-triasaspriothiazoliine,terazoles and azetidines	K.SudhakarBabu, M.SwarnaKumari., L.K.Ravindranath and J.Latha (2013)	Journal of Chemical and Pharmaceutical Research , 5(10), p108-119	0.9

36	Wound healing activity of flavonoid isolated from the stem bark of Buteamonosperma (Lam) in albino wistar rats	K.SudhakarBabu, AvulaMuralidhar, T.Ravisankar, P.Reddanna and J.Latha (2013)	European Journal of Experimental Biology,2(6), p1-6	computing
37	Thermal decomposition of tetraethyl ammonium tetrafluoroborate	K.SudhakarBabu, M.R.R.Prasad (2012)	Journal of Thermal Analysis and Calorimetry, Springer, 115 2, p1901-1904	computing
38	Pharmacological And Phytochemical Study of Cardiospermum Helicacabum Linn Medicinal Plant	K.Sudhakar Babu, V.Krishnamurthy Naik, J.Latha and A.Muralidhar (2014)	Journal of Applicable Chemistry, 3 (3), p1224-1231	1.291
39	A simultaneous TG-DTG-DSC-quadrupole mass spectrometric study Thermal decomposition of benzyl-triethyl-ammonium tetrafluoroborate	M.R.R. Prasad, K.Sudhakar Babu, B.Sreedhar and D.Keerthi Devi (2014)	J.Them Anal Calorim, 116, p1027-1031	computing
40	Design and synthesis, biological evaluation of substituted benzofurans as DNA gyrase B inhibitors of Mycobacterium tuberculosis	Janupally Renuka, Kummetha Indrasena Reddy and Kondra Sudhakar Babu and et al (2014)	Bioorgaic and Medicinal Chemistry, 22, (17), p4924-4934	computing
41	An efficient synthesis and biological screening of benzofuran and benzo[d]isothiazole derivatives for Mycobacterium tuberculosis DNA GyrB inhibition	Kummetha Indrasena Reddy, Konduri Srihari and Kondra Sudhakar Babu et al (2014)	Bioorgaic and Medicinal Chemistry, 22 (23), p6552-6563	computing
42	Selective Characterisation and Microbial Analysis of Industrial Hazardous Effluents in Rayalaseema Region (A.P - INDIA)	K.Hari Nagamaddaiah, J.Latha and K.Sudhakar Babu (2014)	Journal of Applicable Chemistry, 3(6), p2441-2447	1.291
43	Preliminary Phytochemical and wound healing activity of Cardiospermum Helicacabum linn	V. Krishnamurthy Naik, K. Sudhakar Babu and J. Latha (2014)	Sci. Revs. Chem. Commun, 4(3), p101-108	computing

44	Antioxidant Activity and HPTLC Fingerprint of <i>Cardiospermum helicacabum</i> Linn.Stem	V. Krishnamurthy Naik, K. Sudhakar Babu, J. Latha and A. Muralidhar (2014)	Asian Journal of Biochemical and Pharmaceutical Research , 4(4), p10-22	computing
45	Synthesis, Characterisation and biological evaluation of some novel disubstituted heterocyclic derivatives	J.Sree Ram Babu, T.Ravi Shankar, K.Sudhakar Babu and J.Latha (2014)	Journal of Chemical and Pharmaceutical Research , 6 (11), p479-485	computing
46	Synthesis, characterization and biological evaluation of novel pyrimidine linked 1,3,4-thiadiazole mannich-base derivatives for their antimicrobial activities	V. Prabhakar, K. Sudhakar Babu, L. K. Ravindranath, J. Latha and K. Hari Nagamaddaiah (2014)	Journal of Chemical and Pharmaceutical Research , 6 (12), p711-715	computing
47	A Validated Stability-Indicative UPLC Method for Nilotinib Hydrochloride for the Determination of Process-Related and Degradation Impurities	Sudhakar Babu Kondra, Venkataramanna Madireddy, Mohanareddy Chilukuri, Narayanareddy Papadasu and Latha Jonnalagadda (2014)	Journal of Chromatographic Science , 52, p880-885	computing
48	A review on its Ethanobotany, Phytochemical and Pharmacological profile of <i>Cardiospermum Helicacabum</i> Linn	V. Krishna Murthy Naik, K. Sudhakar Babu, J. Latha, V. Prabhakar	International Journal of Pharmaceutical Research and Bio-Science , 3(6), p392-340	computing
49	Isolation and Quantification of bioactive compounds from <i>Seigesbeckia orientalis</i> L. using HPLC	P.R.Goud, K.Nagaiah, K.Sudhakar Babu, V.U.M.Sharma, N.M.A. Rasheed and Irfan Ali Khan (2014)	Annals of Phytomedicine, 3(2), p65-68	computing
50	Ceric Ammonium Nitrate (CAN)-Catalyse, efficient, one-pot component, Aza-	Ravinder Goud Puligoundla, Hanmantha Reddy Velupala, Nagaiah Kommu and Sudhakar	Communications, (Taylor and Francis),	1.29

	Diels –Alder Reactions for a Facile Synthesis of Tetrahydropyranoquinoline derivatives	Babu Kondra (2015)	0, p1-9	
51	Copper (II) Triflate as an Efficient and Re Usable Catalyst for Facile Synthesis of Benzoxazoles and Benzothiazoles in aqueous medium"	V. Prabhakar, *K. Sudhakar Babu, L.K. Ravindranath, J. Latha (2015)	World Journal of Pharmacy and Pharmaceutical Sciences , Volume 4, Issue 1 p1605-1914	1.31
52	In-vitro Antimicrobial activity of Medicinally Important Plant- Cardiospermum helicacabum Linn. against Pathogenic Bacteria	V. Krishna Murthy Naik, K. Sudhakar Babu, J. Latha, M. Swarna Kumari (2015)	International Journal of Pharma Research & Review , Volume 4, Issue 1, p1-5	3.6
53	A Novel Rapid Stability Indicating UPLC Method for Simultaneous Estimation of Darunavir and Ritonavir in Tablet Dosage Form	Mahesh H R K and *K Sudhakar Babu (2015)	Inventi Rapid: Pharm Analysis & Quality Assurance, Volume 2015, Issue 1----	1.29
54	Simultaneous Estimation of related compounds in Esomeprazole and Naproxen tablets by using ion pair reverse phase HPLC	Mahesh HRK, K.Sudhakar Babu, Ram Prasad Lanka and Srinivasu Pamidi (2015)	International Journal of Pharmacy and Pharmaceutical Sciences , Vol. 7(2), ----	1.31
55	Isoquinoline Alkaloid, Flavonoids and A Triol From Leaves of Annona Cherimol	D.Ugandhar Raju,*K. Sudhakar Babu, Surya Chandra Rao Ravada and Trimurthulu Golakoti (2015)	Journal of Applicable Chemistry , Vol. 4(1), p120-126	1.2910

56	Synthesi and biological evaluation of novel Mannich bases of imidazo [1,2a] benzimidazole derivatives as potential anti fungal and bacterial activity	Puligoundla Ravinder Goud, Bejjanki Naveen Kumar, Kommu Nagaiah, Bantu Rajasekhar, C.Ganesh Kumar and Sudhakar Babu Kondra (2015)	Asian Journal of Biochemica l and Pharmaceu tical Research , Vol. 4 (Issue. 4), -- ----	1.21
57	Ceric Ammonium Nitrate (CAN)-Catalyzed, Efficient, One-Pot, Three-component, Aza-Diels-Alder reactions for a Facile synthesis of Tetrahydropyranoquinoline derivatives	Ravinder Goud Puligoundla, Hanmanth Reddy Vulupala, Nagaiah Kommu and Sudhakar Babu Kondra (2015)	Taylor and Francis Group, LLC , Vol. 45(4), p494-502,	1.29
58	Polarographic Study of Cd(II) And Cu(II) Ions In Presence of New Schiff Base	K.Ramanjaneyulu, *K.Sudhakar Babu, J.Latha and K.Hari Nagamaddaiah (2015)	Journal of Applicable Chemistry, Vol.4(1), p284-290	1.2910
59	A Novel Stability Indicating HPLC Assay Method for simultaneous estimation of Clopidogrel and Aspirin in Tablet dosage form by using Core shell Technology column	Mahesh HRK and K.Sudhakar Babu (2015)	Research J. Pharm. And Tech. , Vol. 8(2), -----	1.26
60	Quantitative estimation of related compounds of lacosamide in oral solution by using reverse phase HPLC	Mahesh HRK and K.Sudhakar Babu (2015)	Scholars Research Library, Der Pharmacia Lettre, Vol.7(1), p285-291,	1.12
61	Antimicrobial Evaluation of Imines and Thiazolidinones derived from Ethyl 4-(3-oxoprop-1-ynyl) benzoate	V. Prabhakar, K. Sudhakar Babu, L. K. Ravindranath, J. Latha, V. Krishna Murthy Naik (2015)	Internation al Journal of Pharma Research & Review, Vol.4(1), p15-22	3.6
62	The different extract of Cardiospermum helicacabum Linn on hematological parameters in EAC induced mice and	V. Krishna Murthy Naik, K. Sudhakar Babu, J. Latha and A. Muralidhar (2015)	Journal of Chemistry and Pharmaceu tical	2.0

	serum lipid levels in EAC induced mice		Sciences , Vol.3(2), p1405-1411	
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**6. Prof. P. VENKATA RAMAN**

Sl. No	Title of the paper	Name of the author(s)	Name of the Journal/Book, Vol/ No., Page nos.	Impact factor
1	A rapid novel HPLC method for estimation of eight related compounds in Azilsartan kamedoxomil and identification of degradation compounds by using LC-MS (Manuscript ID JCS-14-380.R1)	J. Sreenivasulu, P. Venkata Ramana, G. Sampath Kumar Reddy, CH. V. S. Nagaraju, S. Thirumalai Rajan and S. Eswaraiah. (2015)	Journal of Chromatographic Science., In press, In press	1.03
2	Synthesis and Antimicrobial Activity of Novel Pyrazolone and Pyrazole Analogues Containing Benzimidazole Moiety	G. Manjunath, G. Bheemaraju, M. Mahesh and P. Venkata Ramana. (2015)	Res. J Pharm. Biol. Chem. Sci., 6(4), p704-716	0.35
3	Synthesis and Biological Activity of Some New Pyrazolin-5-one and Pyrazole Derivatives.	G. Sreenivasulu, G. Manjunath, G. Bheemaraju, M. Mahesh, R. Sreenivasulu and P. Venkata Ramana. (2015)	Res. J Pharm. Biol. Chem. Sci., 6(3), p794-801	0.35
4	Trace level determination of D-serine in lacosamide drug substance by pre-column derivatization RP-HPLC method and conformation of N-Fmoc-D-serine derivative by LC-MS.	J. Sreenivasulu, P. Venkata Ramana, G. Sampath Kumar Reddy, CH. V. S. Nagaraju, S. Thirumalai Rajan, S. Eswaraiah. (2015)	Analytical Chemistry An Indian Journal (ISSN (PRINT): 0974-7419). 15(9), p395-402	In computation
5	Synthesis, Characterization And Biological Studies of 1,6-Naphthyridine Derivatives :	P. Venkata Ramana, V. Kamala Prasad and J. Rushmi Curie. (2015)	Journal of Applicable Chemistry (ISSN: 2278-1862), 4 (1), p110-119	Global impact factor 1.2910
6	Simple, Selective and Non-Extractive Spectrophotometric Determination of Co (II)	B. Ranganath, V. Saleem Basha, L. K. Ravindranath and P. Venkata Ramana	Res. J Pharm. Biol. Chem. Sci. (ISSN:0975-	0.35

	Using Esomeprazole.	(2015)	8585), 6(3), p1108-1116	
7	Direct spectrophotometric determination of Vanadium(V) using 5-methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazole [ESMPZL]	B. Ranganath, L. K. Ravindranath, P. Venkata Ramana. (2015)	IOSR Journal of Applied Chemistry (IOSR-JAC) (e-ISSN:2278-5736), 8(4), p60-64	AQCJ Impact factor 1.238
8	Controlled Drug Release studies of Atenolol using differently sulfonated Acryloxyacetophenone and Methyl methacrylate Co-polymer Resins as Drug carriers	K. Doraswamy and P. Venkata Ramana. (2014)	Chinese Journal of Polymer Science, 32(3), p280-291.	1.270
9	"Synthesis, Characterization and Applications of Polymer-metal chelates derived from poly(4-acryloxy acetophenone)-divinylbenzene benzoyl hydrazone resins	T. Ravi Sankar, K. Kesavulu and P. Venkata Ramana (2014)	Journal of Chemical Sciences, 126(3), p597-608	1.298
10	Development and Validation of Novel Stability-Indicating Rp-Hplc Method for Estimation of related substances and degradation of products in Ambrisentan	J. Sreenivasulu, CH. V. S. Nagaraju, S. ThirumalaiRajan, S. Eswaraiah and P. Venkata Ramana (2014)	Analytical Chemistry An Indian Journal, 14(1), p17-27	Comp u ting
11	Bioanalysis of mosapride by a novel LC-MS/MS method by using solid phase extraction technique: a pharmacokinetic application in Indian subjects.	GopiKalyan Kumar Boligarla, VeldandiSaritha, L. Reddy Gantla, P. Venkata Ramana, T. RaveendranathBabu, Sreedhar NY. (2014)	Am. J. Pharm Tech Res., 4(3), p625-637	compu ting
12	Synthesis, characterization and evaluation of differently sulfonated resins as novel carriers for drug delivery.	K. Doraswamy and P. Venkata Ramana (2013)	Designed Monomers and Polymers, 16(1), p56-66	0.875
13	Synthesis and characterization of substituted phenyl azetidines as potential antimicrobial agents	K. Doraswamy and P. Venkata Ramana. (2013)	Chem. Sci. Trans., 2(2), p649-655	compu ting
14	Design, practical synthesis and biological evaluation of novel 1,3,4-oxadiazole	P. Venkata Ramana, D. N. Satyanarayana, K. Doraswamy and L.	Der PharmaChemic a,	Comp uting



	derivatives incorporated with quinolone moiety as microbial agents	K. Ravindranath (2013),	5(4), p126-130	
15	Synthesis and characterization of polymer-metal chelates derived from poly(4-methacryloxy acetophenone)-methyl methacrylate isonicotinoylhydrazone resins	K. Kesavulu, T. Ravi Sankar and P. Venkata Ramana (2013)	Chem. Sci. Trans., 2(4), p1318-1325	computing
16	Electrochemical behaviour of 2-hydroxy-5-methyl benzophenoneoxime : a mechanistic study	B. GopiKalyan Kumar and P. Venkata Ramana (2013)	International Journal of Research in Pharmaceutical and Biomedical Sciences, 4(4), p1069-1075	Computing
17	Voltammetric behavior of 2-hydroxy-5-methyl benzophenoneisonicotinoylhydrazone	D. Manjula and P. Venkata Ramana (2013)	Der Pharmacia Lettre, 5(4), p224-230	computing
18	Electrochemical behavior of 2-hydroxy-5-methyl benzophenonebenzoylhydrazone	D. Manjula and P. Venkata Ramana (2013)	Res. J Pharm. Biol. Chem. Sci., 4(4), p90-99	0.35
19	Electrochemical behavior of N'-(2-hydroxybenzoyl)-3-methyl-5-phenyl-4-(2'-substituted arylazo)pyrazoles	R. Sreenivasulu, V. Nagaraju and P. Venkata Ramana (2013)	Journal of Applicable Chemistry, 2(5), p1164-1172	1.291
20	Synthesis, Characterization and Applications of Polymer-metal chelates derived form Poly(4-acryloxybenzaldehyde)-divinylbenzeneisonicotinoylhydrazone resins	T. Ravi Sankar and P. Venkata Ramana (2013)	International Journal of Pharmacy and Technology., 5(3), p5713-5725	Computing
21	Electrochemical behavior of N'-(p-toluenesulphonyl)-3,5-dimethyl-4-(4'-substituted arylazo)pyrazoles	R. Sreenivasulu, V. Nagaraju and P. Venkata Ramana (2013)	International Journal of Research in Pharmaceutical and Biomedical Sciences, 4(4), p1153-1159,	Computing
22	Controlled drug release studies of valsartan using differently	K. Doraswamy, V. Nagaraju, R. Sreenivasulu and P.	Journal of Applied Pharmaceutical	computing

	sulfonatedmethacryloxyaceto phenone and methyl methacrylate co-polymer resins as drug carriers	Venkata Ramana (2013)	Science, 3(11), p110-116	
23	Synthesis, Characterization and Applications of Polymer-metal chelates derived from poly(4-acryloxy benzaldehyde)-divinylbenzenesalicyloylhydrazones resins	T. Ravi Sankar and P. Venkata Ramana (2013)	Journal of Applicable Chemistry, 2(6), p1459-1467	1.291
24	Synthesis and Antimicrobial screening of Some New Piperidine Derivatives	V. B. Reddy, P. Prasad and P. Venkata Ramana (2013)	Journal of Applicable Chemistry, 2(6), p1501-1508	1.291
25	Electrochemicalbehaviour of N'-(p-toluenesulphonyl)-3-methyl-4-(4'-substituted arylhydrazono)pyrazolin-5-ones	V. Nagaraju, R. Srinivasulu and P. Venkata Ramana (2012)	E-Journal of Chemistry, 9(4), p1864-1874	0.516
26	Synthesis, characterization and antibacterial screening of new pyrazole and pyrazoline-5-one derivatives	V. Nagaraju, R. Srinivasulu, K. Doraswamy and P. Venkata Ramana (2011)	J. Indian Chem. Soc., 88(2), p293-298	0.382
27	Electrochemical behaviour of N'-(2-hydroxybenzoyl)-3,5-dimethyl-4-(4'-substituted arylazo)pyrazoles	V. Nagaraju, R. Srinivasulu, K. Doraswamy and P. Venkata Ramana (2010)	Res. J Pharm. Biol. Chem. Sci., 1(4), p51-62	0.35
28	Synthesis, characterization and antimicrobial evaluation of new pyrazole and pyrazoline-5-one derivatives	R. Srinivasulu, V. Nagaraju, K. Doraswamy and P. Venkata Ramana (2010)	Journal of Chemical and Pharmaceutical Sciences, 3, p141-144	0.9

**Books published**

Sl. No	Title of the Book	Author (s)	Publishers	ISBN
1.	INSIGHTS INTO ENVIRONMENTAL CHEMISTRY		SWASTIK NATIONAL PUBLISHERS, NEW DELHI	ISBN: 978-93-81991-85-5
2.	ENVIRONMENTAL NANO TECHNOLOGY		ALP BOOKS, New Delhi	ISBN: 978-93-83028-45-0
3.	NATURAL PRODUCT BASED SURFACTANTS		ALP BOOKS, New Delhi	ISBN: 978-93-83028-47-4

4.	ADVANCED CHEMISTRY OF METALS		ALP BOOKS, New Delhi	ISBN: 978-93-83028-46-7
5.	PHARMACEUTICAL CHEMISTRY		ALP BOOKS, New Delhi	ISBN: 978-93-83204-298

## Department of Computer Science & Technology

1. **Name of the Department** : **Computer Science And Technology**
2. **Year of establishment** : **1989**
3. **Is the Department part of a School/Faculty of the University?** :  
**Faculty of Physical Sciences**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. , D.Litt., etc.)**

<i>Sl. No.</i>	<i>Name of Programme offered</i>	<i>Intake</i>
1.	M.C.A.( Six Semesters)	30
2.	M.Sc.( Computer Science) Four Semesters	30
3.	M.Phil.	16
4.	Ph.D.	64

5. **Interdisciplinary programmes and departments involved**

<i>Sl. No.</i>	<i>Title of OE paper offered</i>	<i>No. of students opted</i>		<i>Departments</i>
		<i>2013-14</i>	<i>2014-15</i>	
1.	Computer Ethics	05	04	Organic Chemistry
		15	17	Chemistry
2.	GREEN I.T.	06	07	Microbiology
		03	04	Sericulture
		03	02	Statistics
		03	04	Polymer Science
		04	02	M.P.Ed
		03	03	Bio-technology
		02	01	Zoology

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :**  
**NIL**
7. **Details of programmes discontinued, if any, with reasons**
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
**Semester with Choice Based Credit System**
9. **Participation of the department in the courses offered by other departments**

<i>Sl. No.</i>	<i>Name of the Department</i>	<i>Title of OE paper</i>	<i>No. of students opted</i>	
			<i>2013-14</i>	<i>2014-15</i>
1	Statistics	Statistical Methods	18	17
2	Physical Education	Nutrition and Wellness	12	10
3	Instrumentation	Cellular and Mobile Communication Systems	05	06
4	Electronics	Embedded based Instrumentation	20	21

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	-	-	01
Associate Professor	01	-	04
Asst. Professor	08#	08	03

# Two posts sanctioned by the UGC X Plan and continued as per Govt. Order

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Specializa- tion</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 years</i>
Dr.B.Sathya narayana	M.C.A., Ph.D.,	Professor	Cryptography and Network Security, Computer Networks.	26	04- (PhDs)/ 02 (M.Phil)
Dr.G.A.Rama chandra	M.Sc., M.Phil., Ph.D.,	Associate Professor	Data Mining, Computer Networks.	26	02 (PhDs)/ 05 (M.Phil)
Dr.N.Geethanjali	M.Sc., M.Phil., Ph.D.,	Associate Professor	Data Mining, Computer Networks.	26	02 (PhDs)/ 05 (M.Phil)
Dr. T.Bhaskara Reddy	M.Sc., Ph.D.,	Associate Professor	Image Processing	26	08 (PhDs)/ 3 (M.Phil)
Dr.M.Nagendra	M.Sc., M.Phil., Ph.D.,	Associate Professor	Computer Networks, Software Engineering	26	01 (PhD)/ 05 (M.Phil)
Dr.V.Raghunatha Reddy	M.C.A., Ph.D.,	Assistant Professor	Computer Networks	10	01 (PhD)
Dr.J.Keziya Rani	M.Sc., Ph.D.,	Assistant Professor	Computer Networks	10	---
Dr.P.Devaraju	M.B.A., Ph.D.,	Assistant Professor		05	----

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. P.S. Hiremath	Dept of Computer Science, Gulbarga University
2.	Prof. S.Jyothi	Dept of Computer Science, S.P.Mahila University, Tirupathi
3.	Prof M. Padamavathamma	Dept of Computer Science , S.V.University
4.	Prof K. Usha Rani	Dept of Computer Science, S.P.Mahila University, Tirupathi
5.	Prof M. Hunumathappa	Dept of Computer Science, Bangalore University.

**13 Percentage of classes taken by temporary faculty – programme-wise information : NIL**

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.C.A.	11:1
	M.Sc.(Computer Science)	8:1
2011-12	M.C.A.	11:1
	M.Sc.(Computer Science)	8:1
2012-13	M.C.A.	11:1
	M.Sc.(Computer Science)	8:1
2013-14	M.C.A.	11:1
	M.Sc.(Computer Science)	8:1
2014-15	M.C.A.	11:1
	M.Sc.(Computer Science)	8:1

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Head of Computer Centre	01	0	0
2.	Programmer	01	0	0
3.	Junior Assistant	02	02	02
4.	Attenders	02	02	02

**16 Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Computer Networks	University Grants Commission
2.	Data Mining	
3.	Image Processing	
4.	Software Engineering	
5.	Artificial Intelligence	

- 17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1.	Dr. T.Bhaskara Reddy	Segment Compression of Medical Images using Lossless Binary Plane and Optimized Binary Plane Techniques	UGC Major Project	01-05-2009-30.04.2011	7.61

- 18 Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration : **NIL**

- 19 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : **NIL**

20. Research facility / centre with

- state recognition
- national recognition
- international recognition : **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications: (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	15	17	35	19	50
a)	National	0	0	0	0	0
b)	International	15	17	35	19	50
2	Monographs	0	0	0	0	0
3	Chapters in Books	0	0	0	0	0
4	Edited Books	0	0	0	0	0
5	Text/ Reference books	0	0	0	0	0
6	Number listed in International Database	15	17	35	19	50
7	Citation Index – range / average	3	3.5	3.6	3.8	4
8	Impact Factor – range / average	1-2	1-3	1-3	1-3	1 to 4
9	h-index	2.6	2.95	3.26	3.8	3.92



23. Details of patents and income generated : **NIL**
24. Areas of consultancy and income generated : **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) : **Nil**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No	Name of the Faculty	Faculty recharging strategies( UGC)			
		Refresher/ Orientation/ Work Shop/ Training	Title of Programme	Venue	Period
1	Dr.V.Raghunatha Reddy	Refresher Course	Free& Open Source Software for Embedded Systems Development	Academic Staff College, Hyderabad	25-02-2013 to 16-03-2013
2	Dr.P.Devaraju	Refresher Course	Faculty Development Programme Sponsored by APITCO, Hyderabad	Collector ate Kurnool	08-02-12 to 22-02-12
3	Dr.P.Devaraju	Refresher Course		ASC, Moulana Azad Urdu University, Hyderabad	14-05-15 to 07-06-15

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects - 100% (**Mini Projects**)
  - percentage of students doing projects in collaboration with other universities / industry / institute : 100% ( **Major Projects- In Final Semester for M.Sc and MCA course students undergo major project works in Private/Public Sector Industries/organizations**)
29. Awards / recognitions received at the national and international level by
- Faculty
  - Doctoral / post doctoral fellows
  - Students : **6**

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1	P.Sathish Naik	AP Prathiba Awards 2015, M.Sc Computer Science	Govt of Andhra Pradesh	24-02-2015
2	B.Vijayalaskhmi			
3	S. Zohara Mobina			
4	V. Maheswaramma			
5	P.Gowthami			
6	M.Kousar			

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. : **NIL**

31. Code of ethics for research followed by the departments  
**Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:**

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism
- Use of data collected from the respondents strictly for research purpose only
- Work contribution in peer reviewed journals with ISSN/ISBN Numbers
- Research panel monitoring the scholar's work and scrutiny through conduct of seminars(colloquim), supervisor executing his/her responsibilities in the scholar's work execution

32. **Student profile programme-wise:**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications Received</i>	<i>Selected</i>		<i>Pass Percentage</i>	
		<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
<b>PG (MCA )</b>					
2010-11	Through ICET2010	18	12	60	40
2011-12	Through ICET2011	19	11	63	37
2012-13	Through ICET2012	17	13	56	44
2013-14	Through ICET2013	21	07	70	30
2014-15	Through ICET2014	22	08	73	27
<b>PG (M.Sc Computer Science )</b>					
2010-11	634	14	16	46	54
2011-12	671	13	18	42	58
2012-13	653	13	19	40	60
2013-14	680	17	17	53	47
2014-15	734	16	16	50	50
<b>M. Phil-2011</b>	100	04	--	100	--
<b>Ph.D-2011</b>	980	23	10	69.00	31.00

**33. Diversity of students**

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of Students from the same University</i>	<i>% of Students from other universities within the State</i>	<i>% of Students from universities outside the State</i>	<i>% of Students from other Countries</i>
<b>PG (MCA)</b>				
2010-11	70	30	-	-
2011-12	69	31	-	-
2012-13	75	25	-	-
2013-14	78	22	-	-
2014-15	82	18	-	-
<b>PG (M.Sc Computer Science )</b>				
2010-11	73	27	-	-
2011-12	75	25	-	-
2012-13	76	24	-	-
2013-14	81	19	--	-
2014-15	85	15	-	-
M.Phil - 2011	100	-	-	--
Ph.D. - 2011	78	22		

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>Sl. No.</b>	<b>Year</b>	<b>No. of Students</b>					
		<b>NET</b>	<b>SET</b>	<b>GATE</b>	<b>Civil services</b>	<b>State services</b>	<b>Other exam (specify)</b>
1.	2013-14	01	05	--	--	--	--

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	---
PG to M.Phil.	06
PG to Ph.D.	10
Ph.D. to Post-Doctoral	----
Employed - Campus selection	---
Employed - Other than campus recruitment	35
Entrepreneurs	---

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	87
From other universities within the State	
From universities in other states	13
From universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a. Library : **3000 Books**
- b. Internet facilities for staff and students : **YES**
- c. Total number of class rooms : **03**
- d. Class rooms with ICT facility : **03**
- e. Students' laboratories : **02 (Each of 50 capacity)**
- f. Research laboratories : **NIL**

38. List of doctoral, post-doctoral students and Research Associates

a ) from the host institution/University :

<i>Sl. No.</i>	<i>List of Doctorial Candidates from host University</i>
1	V. Gayatri Rani
2	B. Hemanth kumar
3	B. Kondaiah
4	C. Krishnapriya
5	S. Mallikarjuna
6	N. Rambabu
7	N. Ramesh babu
8	A.Ravichandra reddy
9	M. Ravikumar
10	P. Sumalatha
11	T. Swarnalatha
12	P. Venkata ravikumar
13	C. Vijay kumar
14	K. Hanumantha Naik
15	Nataraj
16	C.L. Pavani
17	R. Suresh kumar
18	M. Anupama Narayana
19	I.Kesava Reddy
20	B. Subbareddy
21	M.Ramanjeneyulu

b) from other institutions/universities :

<i>Sl. No</i>	<i>Doctorial Candidates</i>	<i>Name of University</i>
1	V. Gayatri rani	IGNO University
2	Y. Hema Suresh	Gulbarga University, Gulbarga
3	B. Hemanth Kumar	S.V. University, Tirupati
4	P. Krishnaiah	YogiVemana University, Kadapa
5	B. Muniswamy	Anna University, Coimbotore
6	C. Vijay Kumar	S.V. University, Tirupati
7	P.N. Vijay Kumar	JNT University Anantapur

8	D. Vishnubruna	JNT University Anantapur
9	G. Thippanna	S.V. University, Tirupati
10	Veeresh	S.V. University, Tirupati
11	Joel	
12	Mahesh babu	Kakatiya University

40. **Number of post graduate students getting financial assistance from the University: Students getting State Govt, implemented Tuition Fee Reimbursement and Hostel Expenditures Scholarships against BC, SC, ST and EBC categories**

Courses	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
MCA	2010-		03	29	01	33
M.Sc(Cs)	11		05	16	01	22
MCA	2011-		03	35	01	39
M.Sc(Cs)	12		08	14	01	23
MCA	2012-		5	32	--	37
M.Sc(Cs)	13		06	15	01	22
MCA	2013-		4	35	--	39
M.Sc(Cs)	14		07	16	01	24
MCA	2014-		05	29	--	34
M.Sc(Cs)	15		09	15	01	25

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :**  
 Regular updation of the Course syllabus pertaining to Trends, Advances in Technology and applications, students undergo major project-work in the final semester helps in getting Employment / Career opportunities
42. **Does the department obtain feedback from**
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**  
**Yes, it is used for Improvement/ Restructuring of Teaching and learning methods and Curriculum offered in MCA and M.Sc Computer Science.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**  
**Yes, IQAC collects feedback from students on the curriculum and faculty. Feedback data helps the Dept. in reframing the syllabus and make the programme learner-oriented.**
  - Alumni and employers on the programmes offered and how does the department utilize the feedback?**  
**The Dept. organises regular interactive sessions between alumni and students. Dept. also utilises the occasion to request the alumni to give lectures on the topics of their interest. The sessions also serve the purpose of motivating and inspiring the students.**

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Poisson of Held	Organization of Details
1.	Dr. Swaroopa Rani	Associate Professor	University of Hyderabad, Hyderabad
2.	Dr. Ali Ahamad	Associate Professor	Visvesvaraya University of Technology, Bangalore
3.	Dr. Y. Hema Suresh	Assistant Professor	Gulbarga University
4.	Dr. M. Ashok	Principal	SSJ Engineering College (JNTU)
5.	Dr. Lakshmareddy	Director, Computer Science	Garden City College, Bangalore
6.	Dr. P.G. Prasanti	Director, Computer Science	Adarsh College Bangalore
7.	Anil Kumar Shilpi	Technical Consultant	HP Inc, USA
8.	Nataraj A	IT Consultant	KronosWW, USA
9.	Ramesh Chinni	Program Manager	IGATE Global Solution Limited, Bangalore, India
10.	Suresh Y	Client Engagement Manager	Wipro Technologies, Hyderabad, India

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl No.	Year	External experts invited	Programme organised
1	2010-11	Prof. P.S. Hiremath, Dept of Computer Science, Gulbarga University	Image Processing
2	2011-12	Prof. S.Jyothi, Dept of Computer Science, S.P.Mahila University, Tirupathi	Data Mining
3	2012-13	Prof K. Usha Rani, Dept of Computer Science, S.P.Mahila University, Tirupathi	Data Structures
4	2013-14	Prof M. Hunumathappa, Dept of Computer Science, Bangalore University.	Net Technology
5	2014-15	Dr. S. Krian, Dept of Computer Science , Yogi vemaana University, Kadapa	Java programming

45. List the teaching methods adopted by the faculty for different programmes.
1. OHP Demonstrations
  2. LCD based Digital learning
  3. Internet based interactive learning
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Regular tutorials in which students actively participate, seminars in classes by students

47. **Highlight the participation of students and faculty in extension activities.**
1. Conducted classes for students on Communication skills.
  2. Conducted classes for students appearing for various competitive examinations.
  3. Swacha Bharath ( CLEAN & GREEN) Program in Departmental Campus
48. **Give details of “beyond syllabus scholarly activities” of the department.**
1. Organised Departmental seminars on awareness in Emerging Technologies and their applications.
  2. Students organised DEBATE, JAM and other cultural activities.
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :**
- The research activity of the department has contributed to generation of new knowledge in the following areas: Image processing techniques, Big data analysis, Web design, mobile computing through internet
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

1. MCA and M.Sc Computer Science having a good opportunity for getting a job in IT sector.
2. Experienced Teaching faculty.
3. Major project work helps to learn Real-time application activities.

**Weaknesses:**

1. Competition from engineering discipline.
2. Rural backdrop of University students
3. Lack of awareness among students to changing trends in soft skills.

**Opportunities:**

1. High potential for employment of students

**Challenges:**

1. Stiff competition from other universities and colleges

52. **Future plans of the department.**
1. To initiate new courses focusing on emerging Topics like Cloud computing, Big Data, Mobile Computing (Android Applications).



**Annexure-I: List of Publications**

**Name of the Teacher : Prof B. Sathyanarayana**

Sl. No	Name of the Author	Title Of the Paper	Journal Details	Publication details
1	D.Kavitha , K.E.Sreenivasa Murthy, B.Sathyanarayana , V.Raghunatha Reddy, S.Zahoor ul Huq	An Efficient Hierarchical Certificate Based Binding Update Protocol for Route Optimization in Mobile IPv6	Global Journal of Computer Science and Technology	Vol. 10 Issue 2 (Ver 1.0), April 2010
2	Smt. S.B. Vasundhar, Dr. B. Sathyanarayana	Effect of Mobility on Multicast Routing	International Journal of Computational Intelligence Research & Applications <b>Impact Factor: 1.47</b>	VOL:4(2), July-Dec-2010, ISSN:0973-6794, pp:121-124
3	M. Anupama , Dr. Bachala Sathyanarayana	Survey of Cluster Based Routing Protocols in Mobile Ad hoc Networks	International Journal of Computer Theory and Engineering	Vol. 3, No. 6, December 2011,806 - 815 ISSN: 1793 - 821X
4	Mrs. S. Vasundra, Prof. A. Damodaram, Dr. B. Sathyanarayana,	Content Based publish/subscribe with Motion Detection in Mobile Ad Hoc Networks	International Journal of Computer Information Systems <b>Impact Factor 0.495</b>	Vol 4, No 1, January 2012. ISSN NO 2229 5208
5	Dr. Jayabhaskar Muthukuru , Prof. Bachala Sathyanarayana	A survey of Elliptic curve cryptography implementation approaches for efficient smart card computing	Global journal of computer science and technology <b>Impact Factor 0.478</b>	Volume 12 Issue 1 Version 1.0 January 2012ISSN: & Print ISSN:975-4350
6	S. Vasundra, Prof. A. Damodaram, Dr. B. Sathyanarayana	Improved ODMRP with Motion Detection Approach	International Journal of Mobile & Adhoc networks <b>Impact Factor: 1.456</b>	"vol .2, issue 1, Feb 2012
7	Dr. Jayabhaskar Muthukuru , Prof. Bachala Sathyanarayana	Fixed and Variable Size Text Based Message Mapping Techniques Using ECC	Global journal of computer science and technology <b>Impact Factor: 0.478</b>	Volume 12 Issue 3 Version 1.0 February 2012 Online ISSN:0975-4172 Print ISSN 0975-4350

8	M. Neelakantappa, Prof. A. Damodaram, Dr. B. Sathyanarayana	Way Directing Node Routing Protocol for Mobile Ad hoc Networks	ICCSEA 2012 Conference International Conference on Computer Science and Engineering Applications, New Delhi <b>Impact Factor: 0.991</b>	May 2012, Organized by Academic Industry Research Center, <b>Springer Proceedings.</b>
9	M.Suresh Babu, Dr. N.Geethanjali, Prof .B.Satyanarayana	Clustering Approach to Stock Market Prediction	International Journal of Advanced Networking and Applications	Volume: 03, Issue: 04, Pages:1281- 1291 (2012)
10	S. Vasundhra, Prof. A. Damodaram, Prof. B. Satyanarayana	Performance analysis of improved ODMRP with motion detection in Mobile Ad hoc networks	International Journal of Research in Computer and Communication Technology , 2012 <b>Impact Factor: 0.523</b>	Volume: 01,Issue:04, Pages: 170- 181
11	V.L.Pavani, Dr.B.Sathyanarayana	Reducing the correcting cost of faulty nodes in externally managed overlay networks	International Journal Publications of Problems and Applications in Engineering Research (IJPAPER)	Vol 04, Special Issue01; 2013 ISSN: 2230- 8547; e-ISSN: 2230-8555
12	Jayabhaskar Muthukuru, Dr. B. Sathyanarayana	A Secure Elliptic Curve Digital Signature Approach without Inversion	International Journal of Engineering and Advanced Technology (IJEAT) <b>Impact Factor: 1.097</b>	ISSN: 2249 - 8958, Volume-3, Issue-2, December 2013
13	P.Sumalatha , Prof.B.Sathyanarayana	A review of multilevel Identity based cryptography for Digital Signature authentication	International Journal of Computer Engineering and Applications <b>Impact Factor: 1.21</b>	Vol. 5, Issue 1, Jan,2014 , pp-49-60, ISSN-2321- 3469
14	C.Krishna Priya , Prof.B.Satyanarayana	A Review on Efficient Key Management schemes for secure routing in Mobile Ad Hoc networks	International Journal of Computer Engineering and Applications <b>Impact Factor: 3.691</b>	Vol. 5, Issue 1, Jan,2014,pp- 13-24, ISSN- 2321-3469
15	P. Sumalatha, Prof .B. Sathyanarayana	Enhanced Identity Based Cryptography for Efficient Group Key Management in WSN	International Journal of Computer Engineering and Applications, <b>(Impact factor 2.849)</b>	Volume 4, Issue 6, June 2015 ISSN 2319 - 4847

16	P.venakata ravikumar, Prof. B. Sathyanarayana	Optimized Segmentation based heuristic for Virtual Topology Design and its performance analysis	International Journal of Application or Innovation in Engineering & Management <b>(Impact factor 4.05)</b>	Volume 3, Issue 4, April 2015, ISSN: 2321-7782
17	Pavani Veluru Lakshmi, Dr. B.Sathyanarayana Bachala	A Trusted Identity Acknowledgement Protocol for Security Enhancement in MANET	International Journal of Advance Research in Computer Science and Management Studies( <b>Impact factor 2.271</b> )	Vol 4, No 4 (2015).
18	P.venakata ravikumar, Prof. B. Sathyanarayana	Efficient Segmentation based heuristic approach for Virtual Topology Design in Fiber Optical Networks	International Journal of Research in Computer and Communication Technology( <b>Impact factor 3.127</b> )	Volume 3, Issue 11, November 2014 ISSN 2319 - 4847
19	C.Krishna Priya , Prof.B.Satyanarayana	Energy Efficient and Dynamic Key Management Scheme for Wireless Sensor Networks	International Journal of Application or Innovation in Engineering & Management( <b>Impact factor:4.015</b> )	Volume 4, Issue 6, June 2015,ISSN 2319 - 4847
20	V.L.Pavani, Dr.B.Sathyanarayana	A Survey on Present State of the Art of Intrusion Detection Systems in MANETs: Finding Research Gaps	International Journal of Application or Innovation in Engineering & Management( <b>Impact factor:4.015</b> )	Volume 3 Issue 9, September 2014, ISSN (Online): 2319-7064
21	V.L.Pavani, Dr. B.Satyanarayana	A Review on Intrusion Detection Systems for Securing MANETS	International Journal of Science and Research( <b>Impact factor : 3.325</b> )	Vol. 3, Issue. 1, April' 2015; ISSN: 2345 - 9808
22	V.L. Pavani, Dr. B. Sathyanarayana	Enhanced QoS Based on Secure Reliable Key Routing Mechanism in Mobile Adhoc Network	International Journal of Scientific & Engineering Research <b>Impact factor:3.2</b>	Volume 6, Issue 8, August-2015 1121 ISSN 2229- 5518

**Name of the Teacher: Dr. G. Ramachandra**

Sl. No	Authors Name	Title of the Paper	Name of the Journal	Volume, Pages Nos and ISSN.
1	R.Balakrishna, <b>G.A. Ramachandra</b> and M.Murali Mohan Reddy	Improved Reliability in MANET'S Using Enhanced double coverage board casting	Journal of Computer Science	Vol-4,Issue-4,ISSN-0973-2926. June - 2010
2	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	Allocation Strategic for Detection of Data Misuse using Data Mining Techniques	International E-Journal of Mathematics & Engineering	Vol - 2, Issue-2, Pages: 981-984,ISSN:0976-1411
3	B.M Rajasekhar, <b>Dr. G. A.Ramachandra</b>	Role Based Authentication Schemes to Support Multiple Realms for Security Automation	Journal of Computer Science and Information Security	Vol. 09, No-09 2011
4	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	An Evolutionary Algorithm for finding Association rules using Boolean approach	International Journal of Computer Engineering Science	Vol-1,Issue-3. Pages:34-39: ISSN:2250-3439
5	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	An Efficient Weighted Association Rule Mining Algorithm without Pre assigned Weights	International Journal of Contemporary Research in Management, Engineering and Health Sciences	Vol. No: 001 , Issue No : 001, Pages: 500-503,ISSN-2320-1185(Feb 2013)
6	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	An Efficient Prediction of Breast Cancer Data using Data Mining Techniques	International Journal of innovations in Engineering and Technology	Vol. 2 , Issue-4, Pages: 139-144, ISSN-2319-1058.
7	G.Ravi Kumar, Venkata Sheshanna Kongara & <b>Dr.G.A.Ramachandra</b>	An Efficient Ensemble Based Classification Techniques for Medical Diagnosis	International Journal of Latest Technology in Engineering, Management and Applied Sciences	Vol II, Issue VIII, Pages: 5-9, ISSN-2278-2540.
8	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	An Efficient Classification System for Medical Diagnosis using SVM	International Journal of Latest Technology in Engineering, Management and Applied Sciences	Vol II, Issue XII, Pages: 78 - 85, ISSN 2278 - 2540

9	K. Seena Naik <b>Dr.G. ARamachandra</b> M. V. Bramhananda Reddy	Multi-Path TCP: A Joint Congestion Control and Routing Scheme to Exploit Path Diversity in the Internet	International Journal of Electronics Communication and Computer Engineering	Vol 5 Issue 1, Jan.2014,ISSN: 2249 - 071X
10	G.Ravi Kumar, <b>Dr.G.A.Ramachandra</b> & K.Nagamani	An Efficient Feature Selection System for Integrating SVM with Genetic Algorithm for large Medical Datasets	International Journal of Advanced Research in Computer Science and Software Engineering	Vol IV, Issue II, Pages: 272-277, ISSN 2277 128X
11	K. Seena Naik <b>Dr.G.A.Ramachandra,</b> M. V. Bramhananda Reddy	Design of New Security Protocol	International Journal of Computer Science and Information Technologies	Vol. 5 (2) , 2014, 2155-2156,ISSN : 0975-9646
12	K. Seena Naik <b>Dr.G.A.Ramachandra,</b> M. V.Bramhananda Reddy	Randomized Protocols for Duplicate Elimination in Peer-to-Peer Storage Systems.	Journal of Environmental Science Computer Science Engineering & technology.	Vol. 3 No 2 ISSN : 2278-179X
13	C. Vijaya -Kumar , <b>Dr.G.A. Ramachandra</b>	Optimization of Large Data in Cloud computing using Replication Methods	International Journal of Computer Science and Information Technologies	Vol. 5 (3) , 2014, 3034-3038, ISSN : 0975-9646
14	K. Seena Naik, <b>Dr.G.A.Ramachandra,</b> M. V. Bramhananda Reddy	Intrusion Detection and Internet Services Failure Reporting System	International Journal of Engineering Innovations and Research	Vol:3,No:3, Pages:236-238.
15	Dr.G.A.Ramachandra, Reshama Bhanu and Ali Ahammed	Performance Comparison of ModRED AQM with Round Robin Scheduling	International Journal of Advanced Research in Computer Engineering & Technology (IF -2.793)	Vol 3, issues 7 ,ISSN-2278-1323, July 2014
16	A. Mahesh Babu, G.A.Ramachandra, M.Suresh Babu	Implementation of privacy-preserving public auditing methods for secure cloud storage	Ge-International journal of engineering research (IF-4.007)	Volume -2, issue -5 ISSN: (2321-1717), July 2014

17	K. Seena Naik, Dr.G. A.Ramachandra	An Advance Towards Distribution of Data in Wireless Systems.	International Journal of Advanced Research and Innovation.	Vol -7 Issue II, ISSN :2319-9245. July 2014
18	K. Seena Naik Dr.G.A.Ramachandra, M. V. Bramhananda Reddy	Self- Adaptive Routing in Multi-Hop Sensor Networks	International Journal of Soft Computing and Engineering (IF-1.275)	Vol :4, Issue 4, ISSN : 2231-2307, Sep-2014
19	C. Vijaya -Kumar Dr.G.A.Ramachandra	Thrusting Energy Efficiency for Data center in Cloud Computing Using Resource Allocation Techniques	International Journal of Emerging Trends & Technology in Computer Science(IF-3.24)	Volume 3, Issue 5 ISSN 2278-6856, Oct-2014
20	C. Vijaya Kumar , Dr. G.A.Ramachandra	Energy Conservation for Datacenters in Cloud Computing using Genetic Algorithms	International Journal of Science and Research ((IF-3.358)	Volume 3 Issue 12 ISSN (Online): 2319-7064, Dec-2014
21	B.M Rajasekhar, Dr. G.A.Ramachandra	Implementation of Elliptic Curve Digital Signature Algorithm Using Variable Text Based Message Encryption with Message Digest	International Journal of Computational Engineering Research (IF- 1.757)	Vol, 04, Issue, 12, ISSN (e): 2250 – 3005, Dec-2014
22	<b>Dr.G.A.Ramachandra,</b> Reshama Bhanu and Ali Ahammed	Performance Comparison of ModRED AQM with Round Robin Scheduling	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	Vol 3, issues 7 ,ISSN-2278-1323
23	K. Seena Naik <b>Dr. G. A.Ramachandra</b>	An Advance Towards Distribution of Data in Wireless Systems.	International Journal of Advanced Research and Innovation.	Vol -7 Issue II, ISSN :2319-9245.
24	K. Seena Naik <b>Dr. G. A.Ramachandra,</b> M. V. Bramhananda Reddy	Self- Adaptive Routing in Multi-Hop Sensor Networks	International Journal of Soft Computing and Engineering	Vol :4, Issue 4, ISSN : 2231-2307

25	K. Seena Naik Dr. G. A.Ramachandra, M. V. Bramhananda Reddy	Designing Energy-Aware Adaptive Routing for Wireless Sensor Networks	Advances in Intelligent Systems and Computing – Springer (IF-2.679)	Vol :2 ISSN 2194-5357, Pages :441 to 445. Jan-2015
26	A. Mahesh Babu, Dr. G.A.Ramachandra, Dr. M.Suresh Babu	A New Steganography Protocol For Improving Security of Cloud Storage Services.	International Journal of Information Technology and Computer Science Perspectives (IF-5.058)	Vol 4, ISSN onlineNumber : 2319-9024 PP:1360-1367, March -2015
27	K. Seena Naik Dr. G. A.Ramachandra, C.Vijaya Kumar	Weighted Adaptive Clustering Algorithm for Wireless Sensor Networks	International Journal of Advanced Research in Computer Science and Software Engineering(IF -2.5)	Volume 5, Issue 8, ISSN: 2277 128X, Sept-2015

**Name of the Teacher : Dr.N.Geethanjali**

<b>Academic Year 2010-2011</b>			
<b>Sl. No</b>	<b>Title of Paper and Authors</b>	<b>Journal Details</b>	
01	Information Delivery System Through Bluetooth in Ubiquitous Networks M. Suresh BabuDr.N.Geethanjali	International Journal of Advanced Networking and Applications, (IJANA) ISSN 0975-0290, July 2010. <b>Impact Factor: 2.4</b>	July 2010
02	Comparisons of SAODV and TAODV, DSR Mobile ad hoc network Routing Protocols R.Balakrishna and Dr.N.Geethanjali	International Journal of Advanced Networking and Applications (IJANA), ISSN 0975 – 0290, July 2010. <b>Impact Factor: 2.62</b>	July 2010
03	Detecting Attacks using Network Intrusion Detection Systems S. Manohar Naik and Dr.N. Geethanjali	Journal of Computer and Mathematical Sciences, ISSN 0976-5727, October 2010 <b>Impact Factor: 2.3</b>	July 2010
04	Performance Issues on AODV and DSDV,SAODV for MANETS R. Balakrishna and Dr.N.Geethanjali	International Journal of Computer Science &Emerging Technologies, ISSN 2044-6004(online), August 2010 <b>Impact Factor: 2.21</b>	Aug-Sep 2010



05	Forecasting of Indian Stock Market Index Using DataMining & Artificial Neural Network M.Suresh Babu and Dr.N.Geethanjali	International Journal of Advanced Engineering & Application, June 2011 Issue <b>Impact Factor: 2.51</b>	June 2011 Issue
<b>Academic Year 2011-2012</b>			
01	INDIAN STOCK MARKET TREND PREDICTION USING SUPPORT VECTOR MACHINE M.Suresh Babu and Dr.N.Geethanjali	International Journal of Research in Engineering & Applied Sciences Volume 2, Issue 1 (January 2012) <b>Impact Factor: 2.7</b>	January 2012
02	Clustering Approach to Stock Market Prediction M.Suresh Babu and Dr.N.Geethanjali	Int. J. Advanced Networking and Applications Volume: 03, Issue: 04, Pages:1281-1291 (2012) <b>Impact Factor: 2.3</b>	FEBRUARY 2012
03	Fuzzy Replacement Algorithm for Bower web catching K Muralidhar, Dr. N Geethanjali	Int. Journal of Engineering Research and Applications ISSN(2248-9622) <b>Impact Factor1.69</b>	May-June 2012
<b>Academic Year 2012-2013</b>			
01	Improving the Performance of Browsers Using Fuzzy Logic K Muralidhar, Dr. N Geethanjali	International Journal of Engineering Research and Development e-ISSN: 2278-067X,p-ISSN: 2278-800X, Volume3 , Issue 1 <b>Impact Factor: 1.4</b>	August 2012
02	Assimilation of fuzzy logic and replacement algorithms to browser web caching K Muralidhar, Dr. N Geethanjali	IJERD.VOLUMENO. 2(2012), ISSUE NO. 9(SEPTEMBER)2012 <b>Impact Factor: 1.8</b>	SEPTEMBER 2012
03	Energy Efficient Zone Disjoint Shortest Multipath Routing Protocol(EEZDSM) K Muralidhar, Dr. N Geethanjali	Vol 04, Special Issue01; 2013 PUBLICATIONS OF PROBLEMS & APPLICATION IN ENGINEERING RESEARCH PAPER ISSN: 2230-8547; e-ISSN: 2230-8555 <b>Impact Factor: 1.3-2</b>	2013
04	Energy Aware DSDV and FSR Routing Protocols in Mobile Ad Hoc Networks M.Ravi Kumar Dr.N.Geethanjali	International Journal of Computer Trends and Technology (IJCTT) - volume4 Issue4 – April 2013 <b>Impact Factor: 2.4</b>	April-2013

05	A MANET Data Replication Mechanism to Improve Data Accessibility and Availability in Distributed Databases K Muralidhar, Dr. N Geethanjali	OSIET Journal of Computer Science Engineering, May 2013 <b>Impact Factor: 2.6</b>	May-2013
<b>Academic Year 2013-2014</b>			
01	A Novel Ferry-Initiated Message Ferrying Approach for Data Delivery in Disconnected Mobile Ad Hoc Networks through Native Ferries K Muralidhar, Dr. N Geethanjali	Vol 04, Special Issue 01, 2013 International Journal of Engineering Sciences Research- ISSN: 2230-8504; e-ISSN-2230-8512 <b>Impact Factor 2.0</b>	November 2013
02	Performance Evaluation of AODV and FSR Routing Protocols in Manets M. Ravi Kumar Dr.N.Geethanjali	Global Journal of Computer Science and Technology Network Web & Security Volume 13 Issue 4 Version 1.0 Year 2013 Type: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA) Online ISSN:0975-4172 & Print ISSN:0975-4350 <b>Impact Factor 3.154</b>	November 2013
<b>Academic Year 2014-2015</b>			
01	"A Survey on Energy depletion attacks in wireless sensor networks" E. Gayathri Dr. N. Geethanjali	ISJR: International Journal of Science and Research vol 3 issue 9 <b>Impact Factor 3.358</b>	Sep-2014
02	Software Project Task Scheduling Based on Hybrid ABC-GA Algorithm Vidya Sagar Ponnamm Dr.N.Geethanjali	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 24 (2014) pp. 27347-27362 <b>Impact Factor 1.41</b>	November 2014
03	"Event based Project Scheduling using optimized ant colony algorithm" Vidya Sagar Ponnamm Dr.N.Geethanjali	IJCTT: International Journal of Computer Trends and Technology ISSN:2231-2803 <b>Impact Factor 1.517</b>	Dec-2014
04	A Robust Retransmission scheme for resolving hidden node problem N.Ramesh Babu, Dr.N.Geethanjali	IJCEA: International Journal of Computer Engineering and Applications ISSN 2231-3469 <b>Impact Factor 3.691</b>	March-2015

05	Defense against damage bounds for topology discovery and packet forwarding phase in wireless adhoc sensor networks E. Gayathri, Dr. N. Geethanjali	IJSETR: International Journal of Science, Engineering and Technology Research <b>Impact Factor3.59</b>	April-2015
06	Improving the Performance of Read Operations in Distributed File System using Global Cache Mechanism and Anticipated Parallel Processing B. Rangaswamy Dr. N. Geethanjali	International Journal of Computer Applications (0975 8887) Volume 116 - No. 8, April 2015 <b>Impact Factor0.715</b>	April-2015
07	Multi objective based event based project scheduling using optimized neural network based ACO system Vidya Sagar Ponnamp Dr.N.Geethanjali	IJCA: International Journal of Computer Applications ISSN:2321-8363 <b>Impact Factor0.715</b>	June-2015
08	Flexible RTS and concurrent transmission schemes for reducing exposed node problem N.Ramesh Babu, Dr.N.Geethanjali	IJCSMA: International Journal of Computer Science and Mobile Applications ISSN:2321-8363 <b>Impact Factor1.372</b>	June 2015
09	An improved parallel activity scheduling algorithm for large datasets Vidya Sagar Ponnamp Dr.N.Geethanjali	IJERA: Int. Journal of Engineering Research and Applications ISSN:2248-9266 <b>Impact Factor1.69</b>	June-2015
10	Multilevel caching and anticipated parallel processing based algorithm for improving the performance of the distributed file system B. Rangaswamy Dr. N. Geethanjali	IJCA: International Journal of Computer Applications ISBN:973-93980887-79-5 <b>Impact Factor0.715</b>	June-2015
11	Improving the Read Performance of the Distributed File System through Anticipated Parallel Processing B. Rangaswamy Dr. N. Geethanjali	Global Journal of Computer Science and Technology: B Cloud and Distributed Volume 15 Issue 2 Version 1.0 Year2015 Type: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA)Online ISSN: 0975-4172& Print ISSN:0975-4350 <b>Impact Factor: 2.154</b>	June-2015

12	<i>Novel Read Algorithms for Improving the Performance of Big Data Storage Systems</i> B. Rangaswamy Dr. N. Geethanjali	<i>Procedia Computer Science 50 (2015) 264 – 269 Big Data, Cloud and Computing Challenges. ELSEVIER-SCIENCE DIRECT</i> <b>Impact Factor 1.69</b>	<i>June-2015</i>
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**Name of the Teacher : Dr. T. Bhaskara Reddy**

Sl. No	Name of the Authors	International Research Papers Published	Name of the Publisher/ISSN/	ISSN / IMPACT FACTOR
1	Dr.T.Bhaskarreddy, B.G.Prasanthi	“Algorithms to optimally use hardware routing resources in a router domain”,	International journal of computer applications, vol4 , num11, pp 234-238,	ISSN: 870-1222. Year 2010. IF:3.12
2	Mrs. M. Victoriya Hebseeba Dr. T. Bhaskara Reddy	Optimal Performance with a High-Performance Analytic Engine for BI”	Journal Name: International Journal of Modeling and Optimization, IJ MO 2011.	Vol.1(1): 70-73 ISSN: 2010-3697
3	Mrs. M. Victoriya Hebseeba , Dr. T. Bhaskara Reddy,	Optimized Performed with Process Chains	An International Journal ACIJ Vol.2, No.6, November 2011 DOI : 10.12	ISSN, 2229 – 6727. IF: 0.42
5	Mrs. M. Victoriya Hebseeba , Dr. T. Bhaskara Reddy	Optimized Performance with SAP Net Weaver BI Accelerator	International Journal of Next-Generation Networks (IJNGN) Vol.3, No.1, March 2011.	ISSN : 0975-7023
6	M. Victoria Hebseeba, Dr. T. Bhaskara Reddy , Prof. B. Lakshma Reddy, Dr. T. Venkateswarulu	Optimized approach of analysing the data loads through process chains in SAP Business Ware house	UNIASCIT, Vol 2 (1), 2012, 125-127, Mar’2012	ISSN 2250-0987..
7	T.K. Shaik Shavali, Dr. T. Bhaskara Reddy	Adaptive Routing Based on Delay Trusted Routing in Adhoc Network	Global Journal of Computer Science and Technology, Vol.11, Issue 4 Version 1, March 2011	ISSN: 0975-4172. IF :1.8

8	T.K. Shaik Shavali, Dr. T. Bhaskara Reddy	Reliable Routing with Optimized Power Routing for Wireless Adhoc Network	International Journal of Computer Science and Information Security, Vol. 8, Issue. 4, 2010, page 82-89	ISSN 1947 5500 IF : 0.423
9	T.K. Shaik Shavali, Dr. T. Bhaskara Reddy	Wide Band coding for wireless Adhoc Network with CTS- RTS protocol	IJCNWC, Vol 2. No.2 April 2012, pages: 276- 289.	ISSN: 2250- 3501, IF: .42
10	M.Ashok, Dr.T.Bhaskara Reddy	Image compression techniques using Modified high quality multi wavelets"	IJACSA Volume:2 Issue 7 2011	PP:153 – 158[1.3]
11	M.Ashok, Dr.T.Bhaskara Reddy	Content specific image compression based on luminance and chrominance of the image using binary plane technique	IJCIIS Volume 2, No.8 August 2011, PP: 156-164	11
12	M.Ashok, Dr.T.Bhaskara Reddy	Binary Wavelet Transform for image representation	IJEST Volume 3, No.8 August 2011,, PP: 6286- 6290	12
13	Dr.T.Bhaskara Reddy M.Rama Krishna Reddy, R.Divakara Sarma, M.Ashok, , Dr.S.Kiran & Dr S.M.Basha	Perceptual Effect and Block Mask Ratio	IJCIIS, Vol.No:3, May-2010 issue,	13
14	Dr. T. Bhaskara Reddy, S. Balajinaik	Extracting Stage of Robust Watermarking Technique	International Journal of Computational Intelligence & Information Society, Vol. 1 No. 9, P. 105-109. Nov' 2010	14
15	Mrs.B.G.Prasanthi, Dr. T. Bhaskara Reddy,	Algorithms to Optimally used Hardware forwarding resources in a Router Domain	International Journal of Computer Application, , Vol.4, No-11, Aug'2010.	ISSN: 0975- 8887 IF :0.821

16	Mrs.B.G.Prasanthi, Dr. T. Bhaskara Reddy	Mobility Management Approaches for Mobile IP networks :Performance Comparison and Use Recommendations	IJETTCS 2013	ISSN: 2278-6856
17	Mrs.B.G.Prasanthi, Dr. T. Bhaskara Reddy	Mitigating performance degradation is congested sensor networks	IJERTTCS 2013.	ISSN: 2278-6856
18	Pro.Lakshma Reddy, Dr. T. Bhaskara Reddy, M. Victoriya Hebseeba	Business Intellegence Impact and Future trends	TIJCSA,Vol.2,Jul' 2013, pp31-37 2012.	ISSN: 2278-1080,IF :3.7
19	M. Ashok. Dr.T.Bhaskara Reddy	Color Image Compression based on Luminance and Chrominance using BWT & BPT IJCSITS	IJCSITS, pp 595-596. Vol. 2, No.3, June 2012	ISSN: 2249-9555 if : 1.2
20	M. Victoria Hebseeba, Dr. T. Bhaskara Reddy , Prof. B. Lakshma Reddy, Dr. T. Venkateswarulu,"	Data Load Manifestation in process chains in SAP Business Ware House	Advanced Computing: An International Journal ( ACIJ ), Vol.3, No.2, March 2012.	ISSN, 2229 - 6727. IF: 0.42
21	Dr. T.bhaskara reddy, Mr. G. Thippanna	A Novel approach Image compression based on Luminance and Chrominance using Binary Wavelet Transform (BWT) and Raster Line Technique	IOSR Journal of Computer Engineering IOSRJCE pp 34-38 2014	ISSN: 2278-0661 IF : 2.2
22	Dr. T.bhaskara reddy, Mr. G. Thippanna, Hema Suresh	a re-examine of gen on an assortment of images, compression techniques and its algorithms	International Journal of dvanced Research in Computer Science (IJARCS) pp: 112 - 119.2012	ISSN No. 0976-5697, IF : 3.05
23	Dr. T.Bhaskara Reddy,Dr. S. Kiran, Mr. B. Lakshmi Narayana Reddy, Mr. B. Siva Vishnu Mohan Reddy	Enhanced Polygram Substitution Hanced Polygram Substitution Algorithm for Image Sequtity	International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 7, July - 2013.	ISSN: 2278 - 0181, IF : 1.87

24	S.Anuradha, G. Raghu Ram, T. Bhaskara Reddy, J.Chakradhar	Efficiency of MDB Routing algorithm over DB Routing algorithm in Point to Point Networks.	International Review on Computers and Software (IRECOS) Volume 6, Nov 2011.	ISSN 1828-6003 IF : 6.14
25	Dr. T. Bhaskara Reddy , Miss. Hema Suresh Yaragunti, Mr.T. Sri Harish Reddy, Dr. S. Kiran.	An Effective Algorithm of Encryption and Decryption of Images Using Random Number Generation Technique and Huffman coding.	International Journal of Computer Technology and Applications, Vol 4 (6), pp.883-891,Nov-Dec 2013.	ISSN:2229-6093 IF : 4.4
26	Dr. T. Bhaskara Reddy , Miss. Hema Suresh Yaragunti „Dr. S. Kiran , Mrs. T. Anuradha	<b>A Novel Approach of Lossless Image Compression using Hashing and Huffman Coding</b>	International Journal of Engineering Research & Technology (IJERT) ,Vol. 2 Issue 3, March - 2013	ISSN: 2278-0181.
27	Dr. T. Bhaskara Reddy ,Hema SureshYaragunti	An Efficient Approach For Image Compression using Segment, probalistic and entropy based encoding	Ijcset, Vol 3. 2014. PP 200-207	ISSN : 2229-3345 IF : 1.8
28	Dr. S. Kiran ,Dr. T. Bhaskara Reddy, Hema Suresh Yaragunti , Dr. B. G.Prashanthi	Crypt Analysis Using Simple logical and Complement Operation	International Journal of Emerging trends &Technology science at Volume 3 and Issue 5, September-October 2014	ISSN 2278-6858
29	Dr. T.Bhaskarreddy, B.G.Prasanthi,	“ IARS –A new router for spanning tree rotocol,”	international journal of computer and electrical engineering, 2010.	
30	Dr. T. Bhaskara Reddy, Dr.S.Kiran, G.Thippanna	Image Masking and Compression Using user Private Key Generation	IJETTCS, Volume 3, Issue 5, September-October 2014	ISSN 2278-6856.



31	Kabeer Mohammed, Dr.Bhaskara Reddy Ph.D(C.S)	Optimized Solution Image Analysis / Processing Using Built-in Cahe Mobile Rpbots	IJCSEED, ) Volume 3, Number 2, April- May (2013).	ISSN 2248- 9363
32	Dr. Bhaskara Reddy, , C. Sasikala and P. Anusha Reddy, G. thippanna	Medical Image Encryption and CompressionUsingMa skingAlgorithmTechn ique	AJCSIT[3][1] [2015] 089-096.	ISSN:0975- 9646 IF : 3.32
33	Dr. T. Bhsakra Reddy, G. Thippanna	Multi Medical Image Secure Hiding Technique at Multi Levels using Rational Operations and Compression	International Journal of Signal Processing, Image Processing and Pattern Recognition Vol. 8, No. 1 (2015), pp. 79-86	ISSN: 2005- 4254
34	Dr.T.Bhaskara Redd.,Mr.S. Vijayanan Dr.S.Kira	A Performance Comparison of Path Identification Algorithms for Network Intelligence and Optimization	ijcta ,March 2014,Vol ume 5 Issue 2	ISSN:2229- 6093.If: 2.8
35	Dr. T.Bhaskara Reddy, Mr. B. Lakshmi Narayana Reddy, Dr. S. Kiran, Dr M. Rama Krishna Reddy	MAC Authentication for Compressed Image Using Diffie- Hellman Key Exchange Algorithm"	International Journal of Recent Development in Engineering and Technology, Volume 2, Issue 2, February 2014.	ISSN 2347- 6435
36	Dr. M. Ashok, Dr. Y. Hema Suresh, Dr. T. Bhaskara Reddy	Imge Masking and compression using Bit shifting	Global Journal of Computer &Technology,Vo l.2, No.1,June 16	ISSN 2394- 501x. If: 0.57
37	Dr. M. Ashok, Dr. T. Bhaskara Reddy	Quadratic Clustering Restoration based Multi-Scale Image Synthesis	Global Journals of Computer Science and Technology, april 2015.	ISSN 2394- 501x. If: 0.57

**Name of the Teacher : Dr.M.Nagendra**

Sno	Name of the Authors	Title of the Paper	Name of the Journal and Impact factor	Volume, Pages No and ISSN.
1	<b>Dr.M. Nagendra</b>	Current Research work on Routing protocols for MANET: A Literature Survey	International Journal computer science and Engineering (IJCSR) impact factor: <b>0.583</b>	Volume 2, Number 3 2010, page 706 to 713ISSN Number 0975-

				3397, 2010.
2	<b>Dr.M. Nagendra</b>	A Recent Secure Intrusion Detection System for MANETS	International Journal for Scientific Research & Development ,Impact Factor: <b>2.39</b>	Vol 2, issues 5 ,ISSN-2321-0613
3	<b>Dr.M. Nagendra</b>	Localization & Frame work on WSNs in the Wild Pursuit of Ranging Quality	International Journal for Scientific research & Development Impact Factor: <b>2.39</b> .	Volume -2, issue -5 ISSN: (2321-0613).
4	<b>Dr.M. Nagendra</b>	A Comparison and performance Evaluation of On Demand Routing Protocols for Mobile Ad-hoc Networks	International Journal of Computer Science and Engineering Impact Factor: <b>2.08</b>	Vol -2 Issue 5, ISSN: 2347-2693.
5	<b>Dr.M. Nagendra</b>	A Comparative Analysis of Proactive Routing Protocols in MANET	International Journal of Computer Science and Mobile Computing Impact Factor: <b>1.0148</b> .	Vol :3, Issue 6, ISSN : 2320-088X
6	<b>Dr.M N agendra</b>	Performance Improvement of Advanecd Encryption Algorithm using parallel Computation	International Journal of Software Engineering and its Applications Impact Factor: <b>2.08</b>	Volume 8, Issue2 ISSN 1738-9984
7	<b>Dr.M. Nagendra</b>	A study on Advanced Large Scale HPC Architectures	International Journal of P2P Network Trends and Technology Impact Factor: <b>1.65</b>	Volume 2 Issue 12 ISSN : 2243-2615
8	<b>Dr.M. Nagendra</b>	An Improved Localization Method of wireless sensor Network with a three Anchor DV-HOP Algorithm	International Journal of Engineering Research & technology (IJERT)	ISSN :2278-0181, September-2015

**Name of the Teacher : Dr.V.RAGHUNATHA REDDY**

Sl. No	LIST OF PUBLICATIONS of Dr.V.Raghunatha Reddy
<b>1</b>	S.Anuradha, G.Raghu Ram, K.E.Sreenivasa murthy, <b>V.Raghunatha Reddy</b> and T.Bhaskar Reddy " <i>Setting Parameters for Basic Properties of Node Balancing Protocol in Point-Point Network Communications</i> " International Journal of Computer Sciences and Engineering Systems Vol.4, No.1, pp.1-5, January 2010.[ISSN:0973-4406]

<b>2</b>	D.Kavitha, K.E.Sreenivasa murthy, B.Sathyanarayana, <b>V.Raghunatha Reddy</b> and S.Zahoor ul Huq “ <i>A certificate Based Inquisition Approach for Routing Optimization in Mobile IPV6</i> ” International Review on Computers and software, Vol. 5 No.1 pp.71-76, January 2010. [ISSN : 1828-6003]
<b>3</b>	D.Kavitha, K.E.Sreenivasa murthy, B.Sathyanarayana, <b>V.Raghunatha Reddy</b> and S.Zahoor ul Huq “ <i>An Efficient Hierarchical Certificate Based Binding Update Protocol for Route optimization in Mobile IPv6</i> ” Global Journal of Computer Science and Technology Vol.10, issue 2 (ver 1.0) pages 47-51, April 2010.[ISSN:0975-4350]
<b>4</b>	G.Raghu Ram, S.Anuradha, <b>V.Raghunatha Reddy</b> , M.Sarika and A.Thimma Reddy “ <i>Congestion Control by Load Balancing within the Data Network via Modified Depth-Breadth Routing Algorithm</i> ” International Journal of Recent Trends in Engineering, Vol 3,No.2 pp.36-38, May 2010.[ISSN:1797-9617]
<b>5</b>	D.Kavitha, K.E.Sreenivasa murthy, B.Sathyanarayana, <b>V.Raghunatha Reddy</b> and S.Zahoor ul Huq “ <i>Securing Binding Updates in Routing Optimization of Mobile IPv6</i> ” ICGST-CNIR Journal, Volume 10, Issue 1, pp.1-6, December 2010.[ISSN : 1687-4854]
<b>6</b>	G.Raghu Ram, S.Anuradha, <b>Dr.V.Raghunatha Reddy</b> , Dr.K.E.Sreenivasa murthy and M.Sarika “ <i>Performance of MDB Routing Algorithm on Grid Topology in Communication Networks</i> ” IJCST Vol.2 Issue 1,pp.83-86, March 2011. [ISSN:2229-4333]
<b>7</b>	Y. Rama Mohan , <b>V. Raghunatha Reddy</b> , B. Satyanarayana “ <i>Virtual Topology Design Using Efficient Heuristics in Fiber Optic Networks</i> ”, ICGST-CNIR Journal, Volume 11, Issue 1, December, 2011. [ISSN : 1687-4854]
<b>8</b>	Y.Rama Mohan, <b>V.Raghunatha Reddy</b> “ <i>Logical Topology Design Using Efficient Heuristics in Wavelength Routed Networks</i> ” Computer Engineering and Intelligent Systems, Vol 2, No.5,2011.[ISSN 2222-1719 (Paper)]
<b>9</b>	B.Muneendra Nayak, <b>V.Raghunatha Reddy</b> “ <i>A Novel Dynamic Route Selection Algorithm For Secure Data Transmission</i> ” Publication of Problem & Applications in Engineering Research Paper, Vol04, Special issue 01 : 2013, pp.232-235 [ISSN:2230-8547; e-ISSN 2230-8555]
<b>10</b>	“ <i>Novel Web Proxy Cache Replacement Algorithms using Machine Learning Techniques for Performance Enhancement</i> ”, INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY (IJESRT)-January-2014. ISSN: 2277-9655, <b>Impact Factor: 1.852. Pages-[339-346].</b>
<b>11</b>	“ <i>Web Proxy Cache Replacement Policies using Decision Tree (DT) Machine Learning Techniques for enhanced performance of Web Proxy</i> ”, International Journal on Recent and innovation trends in computing and communication(IJRITCC)-Feb-2014, Volume-2 Issue-2, ISSN:2321-8169,Pages-302-309
<b>12</b>	“ <i>Development of Heuristics on Web proxy cache replacement policies using NAÏVE BAYES, Support Vector Machine and Decision Tree Techniques for enhanced Performance of Web Proxy</i> ”, International Journal of Computer Engineering and Applications (IJCEA), Volume V, Issue- II, Feb.2014, ISSN 2321-3469 <b>IMPACT FACTOR-3.691.Pages-56-67.</b>
<b>13</b>	“ <i>Review on Link Break Avoidance of AODV Routing Protocol in MANET</i> ”, INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY (IJESRT)- May, 2014, Volume-3 Issue-5, Pages-[382-388].ISSN: 2277-9655. Scientific Journal Impact Factor: 3.449, (ISRA), <b>IMPACT FACTOR: 1.852.</b>

<b>14</b>	<b>"An Effective Approach to Improve the Lifetime of Network by almost Delaunay Triangulation"</b> , International Journal of Mobile and Ad hoc Network [IJMAN] Vol-4 Issue-3, August2014, ISSN (print):2249-202X, Pages-302-306.
<b>15</b>	<b>"Life Time Improvement of WSN by Trust Level based Ant Colony Optimization"</b> , International Journal of Computer Science and Information Technologies (IJCSIT), Vol-5 Issue-5, 2014, ISSN: 0975-9646, Pages-6497-6501.
<b>16</b>	<b>"A Survey on Recommender Systems (RSS) and Its Applications"</b> International journal of Innovative Research in computer and communication Engineering (IJRCCE)-Vol-2, Issue-8, August 2014, ISSN (Print)-2320-9798 <b>IMPACT FACTOR-5.618.</b>
<b>17</b>	<b>"Lifetime Prolongation of Wireless Sensor Network by employing TLABC"</b> International Journal of Computer Science Information and Engg.,Technologies [IJCSIET], Vol-3 Issue-4 October-2014, ISSN:2277-4408,Pages:01-05.
<b>18</b>	<b>"Implementation of Dynamic programming to find all pairs shortest path on fibre optics networks to produced optimized routing and virtual topology"</b> International journal of Innovative Research in computer and communication Engineering(IJRCCE)-VOL.3,Issue 7, July 2015.pages 6842-6852.ISSN (print):2320-9798 <b>IMPACT FACTOR-5.618.</b>
<b>19</b>	<b>"Implementation of Dynamic programming to find all pairs shortest path on fibre optics networks to produced Bi-directional routing and virtual topology"</b> International Journal of Computer Engineering and Applications(IJCEA) Volume IX, Issue VIII, August 2015 . Pages 75-83 ISSN 2321-3469 <b>IMPACT FACTOR-3.691.</b>
<b>20</b>	<b>"Link Failure Route Rectification in MANET Using CPRR Algorithm Based on AODV"</b> , International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)-Vol. 4, Issue 9, September 2015.Pages-8427-8435.ISSN (Print): 2347-6710. <b>IMPACT FACTOR-5.442.</b>

**Name of the Teacher : Dr. P.Devaraaju**

<b>Sl. No.</b>	<b>Name of the Author</b>	<b>Name of the article</b>	<b>Name of the Journal</b>	<b>ISSN No &amp; Year</b>
1	<b>Dr.P.Devaraaju</b>	Higher Education, Human Development-The Challenges	Intercontinental Journal Of Human Resource Research Review	ISSN: 2347-1662, 2014, March,
2	<b>Dr.P.Devaraaju</b>	Quality In Higher Education-Constraints And Challenges -An Overall View	"EPRA International Journal Of Economic And Business Review-ISSN 2347-9671"	ISSN 2347-9671, 2014, March,
3	<b>Dr.P.Devaraaju</b>	Impact of Globalisation On Water Management And Irrigation-Concept of Jalayagnam In A.P.		

4	<b>Dr. P.Devaraaju</b>	"Gender Discrimination & Wage Differentials"	Zenith International Journal Of Multidisciplinary Research (Zijmr)	ISSN 2231- 5780, 2014, March,
5	<b>Dr. P.Devaraaju</b>	Consumer Protection And Welfare Through Legislation: A Case Study Of Insurance Sector	Journal of Research, Extension and Development	ISSN: 2319- 1899, 2014, March

## Department of Electronics

1. Name of the Department : **Electronics**
2. Year of establishment : **1989**
3. Is the Department part of a School/Faculty of the University? **Yes, Faculty of Physical Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
  - i) **M.Sc (Electronics & Communications)**
  - ii) **M. Phil and**
  - iii) **Ph. D.**
5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Electronics Instrumentation	32	31	Instrumentation (26) Computer Science (03) Mathematics(02) Applied maths (01) Instrumentation (26) Computer Science (06)
OE-2	Embedded Based Instrumentation	-	31	Instrumentation (26) Computer Science (02) Mathematics(02) Physics (01)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programmes discontinued, if any, with reasons  
**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Semester System with Choice Based Credit System**
9. Participation of the department in the courses offered by other departments

Sl. No.	Title of OE paper	Name of the Department	No. of students opted	
			2013-14 (OE-1)	2014-15 (OE-2)
1	Electronics Instrumentation (OE-1)	Instrumentation	26	26
2		Computer Science	03	02
3		Physics	-	01
4	Embedded Based	Mathematics	02	02
5	Instrumentation (OE-2)	Applied Mathematics	01	-

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professors			
Associate Professors			
Asst. Professors	02	01*	01
Others – Teaching Personnel / Guest Faculty			04

\* Filled against total posts sanctioned to the University

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof. B.Ramamurthy	M.Sc; M.Phil; P.hD	Co-ordinator	Embedded systems, Network and Security Systems and Communications	25	01
Dr.P.Thimmaiah	M.Sc; M.Phil; P.hD	Assistant Professor	Embedded systems, Network and Security Systems and Communications	17(UG) 06 (PG)	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1	Prof. K.Subbarangaiah, Managing Director	VEDA IIT, Pvt Ltd Hyderabad, Telangana (state)
2	Prof. Manu, Head: Dept. of ECE	K.L.E institute of technology Hubli, Karnataka(state)
3	Dr. Y Narasimha murthy Sr.Manager	VEDA IIT, Pvt Ltd Hyderabad, Telangana (state)
4	K. Raghva Murthy Director, ISRO	Bangalore Karnataka(state)
5	P. Koteswara Rao Sr. Manager (R & D)	BROAD COM Pvt Ltd. Hyderabad, Telangana (state)
6	K.V.N. Chary Sr. Manager (R & D)	NOMAS communications Pvt. Ltd. Hyderabad, Telangana (state)



**13 Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	04	75
2011-12	PG	04	75
2012-13	PG	04	75
2013-14	PG	04	75
2014-15	PG	04	75

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	12:1
2011-12	PG	12:1
2012-13	PG	12:1
2013-14	PG	12:1
2014-15	PG	12:1

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>SL No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Junior Asst.	01	01	NIL
1	Attender	02	02	NIL

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1	Embedded systems, Digital Signal Processing, Communications and Network Security Systems, and VLSI Systems Design etc.	UGC

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **Nil**

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration                      b) International collaboration  
**Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility / centre with
- state recognition
  - national recognition
  - international recognition
- Nil**
21. Special research laboratories sponsored by / created by industry or corporate bodies
- Nil**

22. **Publications:** (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	07	04	09	05	10
a)	National					
b)	International	07	04	09	05	10
2	Monographs	-	-	-	-	-
3	Chapters in Books	03	-	02	-	-
4	Edited Books	-	-	-	-	-
5	Text/ Reference books	-	02	-	-	-
6	Number listed in International Database	-	-	-	-	-
7	Citation Index - range / average					
8	Impact Factor - range / average					
9	h-index					

Details of publications provided vide Annexure-1

23. Details of patents and income generated : **Nil**
24. Areas of consultancy and income generated : **Nil**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **Nil**
26. Faculty serving in
27. National committees b) International committees c) Editorial Boards d) any other (please specify) : **Nil**
28. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1	Dr.P.Thimmaiah	Refresher course (RC)	7 – 22 <sup>nd</sup> Oct 2014 ( Two weeks)
		Orientation Course(OC)	11 March-7 <sup>th</sup> April 2015 ( Four weeks)

29. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects  
**100 % (III Semester Students has to do One Minor research Project in the Department)**
  - percentage of students doing projects in collaboration with other universities / industry / institute  
**100% (IV semester completely devoted to Industrial project for a Period of 6 Months)**
30. **Awards / recognitions received at the national and international level by**
- Faculty : **NIL**
  - Doctoral / post-doctoral fellows : **NIL**
  - Students :  
**Five (5) students Received PRATHIBHA Award from State Government of Andhra Pradesh for the Academic Year 2013-14**

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1	N.V.NagaLakshmi Devi	PRATHIBHA	Govt. of A.P	2013-14
2	K.Sureh	PRATHIBHA	Govt. of A.P	2013-14
3	B.Lakshmi Devi	PRATHIBHA	Govt. of A.P	2013-14
4	S.Dhanalakshni	PRATHIBHA	Govt. of A.P	2014-15
5	E.Rajeswari	PRATHIBHA	Govt. of A.P	2014-15

31. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<i>Sl. No.</i>	<i>Name of the Seminar/ Conference/ Workshop organized</i>	<i>Name of the Director/ Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of outstanding participants</i>
1	National Level Eletronics Expo-2012	Prof.B.Rama murthy	Dept. of Electronics	17 <sup>th</sup> Mar 2012	
2	National Seminar on Recent Advancements in Embedded and Communication Network Systems (ECNS2012)	Prof.B.Rama murthy	UGC	28-29 <sup>th</sup> Mar 2012	

32. **Code of ethics for research followed by the departments**

Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following (the list is only indicative, other things could be added):

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism

33. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11	250	20	8	100	100
2011-12	200	11	17	100	100
2012-13	248	16	12	100	100
2013-14	160	13	19	100	100
2014-15	176	15	17	100	100
M. Phil.	15	03	03	100	100
Ph.D.	30	05	04	100	100

34. **Delivery of Status**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	100	100	NIL	NIL
2011-12	95	05	NIL	NIL
2012-13	100	100	NIL	NIL
2013-14	100	100	NIL	NIL
2014-15	100	100	NIL	NIL
M.Phil.	100	05	NIL	NIL
Ph.D.	85	15	NIL	NIL

35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11						
2.	2011-12						
3.	2012-13	01					
4.	2013-14						
5.	2014-15						

36. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	5%
PG to Ph.D.	15%
Ph.D. to Post-Doctoral	-
Employed	
Campus selection	50%
Other than campus recruitment	20%
Entrepreneurs	05%

37. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	100%
From other universities within the State	NIL
From universities in other states	NIL
From universities outside the country	NIL

38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

39. Present details of departmental infrastructural facilities with regard to
- Library : **2000 Books and Manuals**
  - Internet facilities for staff and students : **Available**
  - Total number of class rooms : **02**
  - Class rooms with ICT facility : **02**
  - Students' laboratories : **04**
  - Research laboratories : **03**

40. List of doctoral, post-doctoral students and Research Associates

List is enclosed (Annexure-I)

- |   |    |
|---|----|
| a. from the host institution/University | 04 |
| b. from other institutions/universities | 04 |

41. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholar-ship	SC/ST scholar-ship	OBC scholar-ship	Minority scholar-ship	Fees reimbursement
1	2010-11	05	03	13	-	12
2	2011-12	05	03	09	-	16
3	2012-13	07	03	17	-	08
4	2013-14	03	07	15	-	10
5	2014-15	02	02	21	-	09

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : **Not Applicable**

43. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The feedback obtained from the students on the curriculum is used to revise the curriculum to strengthen the course as per the Industry requirement.

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

We take the necessary precautions to improve the teaching abilities and skills of the teacher by sending them to refresher/orientation and training programmes etc.

- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

The suggestions from alumni and employees of the Industry of our students are helping the department for making necessary modifications required by the industries and they also giving the invited talks for providing the advanced technologies to the students.

44. List the distinguished alumni of the department (maximum 10)

Name	Batch	Designation	Address
V. D. Anand Kumar	1990-92	Custom officer	Bengaluru
Srinivasulu	1991-93	S.D.E. Telecom	BSNL, Bengaluru
Sudarshana Devi	1992-94	Scientist	DRDO, Hyderabad
K.V.N.Chary	1994-96	Senior Manager(R&D)	Nomus, communication, Hyderabad
Madhusudhan Reddy	2000-02	Software Engineer	Wipro, Bengaluru
Dr. K. Mani Kumar	2001-03	Assistant Professor	Gitam University, Vizag

Dr. T. Chandra Shekar	2001-03	Govt. Degree Lecturer	Chitradurga, Karnataka
Babul Reddy	2001-03	Software Engineer	Wipro, Bengaluru
S. Rahiman	2004-06	Software Engineer	Tech Mahindra, Chennai
Rafi	2007-09	Software Engineer	HCL Pvt. Ltd., Chennai

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1	2010-11	Prof. K.Subbarangaiah M.D, VEDA	Recent trends in VLSI technology
2	2011-12	Sri. K. Raghva Murthy, Director, ISRO, Bangalore	Design and Development , and launching of Small satellite systems
3	2012-13	Prof. Manu Head: Dept. of Electronics K.L.E institute of technology Hubli, Karnataka(state)	Embedded Systems and Cloud of the networks
4	2013-14	P. Koteswara Rao Sr. Manager ( R & D) Broadcom Pvt. Ltd	Protocol development for communications devices
5	2014-15	K.V.N. Chary NOMOS Communication systems , Hyderabad	Network communications

46. List the teaching methods adopted by the faculty for different programmes.
1. Power point presentations through electronic gadgets
  2. One to one interactions on latest trends in the subject
  3. Tutorials for different groups as per the student options with special reference to the student projects.
  4. Oral presentations
  5. Interactive sessions
  6. Question-Answer sessions
  7. Recapping sessions
47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Evaluation system is critical to monitor the students phase wise through internal assessments, seminars on concerned topics in the curriculum and also on popular topics related to academic and R & D issues.
  - Conducting on line tests besides the regular semester end examinations
48. Highlight the participation of students and faculty in extension activities.
- All PG students are involved actively in clean and green programme in the department and University campus.
49. Give details of “beyond syllabus scholarly activities” of the department.
- The students and research scholars are involved in conducting weekly seminars on extracurricular aspects mainly on national issues.



50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No**
51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
1. Basic Electronic, Laboratories manual & Record for M.Sc (Physics) by Dr. B. Rama Murthy, Dr. N. Lalith Kumari, and Ms V. Rama Published by Dr.B.R. Ambedkar open University, Hyderabad.
  2. Digital Electronics and Computer Programming for M.Sc(Physics) by Prof M. Madhukar, Dr. B. Rama Murthy, Dr. N. Lalith Kumari and Ms. V. Rama. Published by Dr.B.R. Ambedkar Open University, Hyderabad.
  3. Microprocessors and Interfacing by Dr. B. Rama Murthy, Published By Dr B.R. Ambedkar open University, Hyderabad
  4. Design and Development of an Embedded system for Micro stepper motor by G. Sivasankar Yadav, Dr.P.Thimmaiah LAMBERT Academic PUB.ISSB:978-3-659-21608-4, Sep-2012.
  5. Automatic Potentiometric titration System using AVR Microcontroller by Dr.P.Thimmaiah, LAMBERT Academic PUB. ISSB: 978-3-659-26892-2, Oct - 2012.
52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

1. Work culture with good governance and commitment to achieve quality.
2. Well qualified faculty – 70% of them possess Doctoral degree and remaining faculty members have Master’s degree with UGC-NET
3. Actively involved in research as evidenced by the on-going research works.
4. Quality input of students – qualified in SKUCET, SKURCET and GATE examinations.
5. Regular mentoring of academically weak students by organizing remedial teaching, training in soft skills and personality development.

**Weaknesses:**

1. Some of the equipment installed initially in various laboratories are obsolete. Hence up gradation and modernization of labs is required.
2. Insufficient financial support to the research activities.
3. Lack of Industry-Institution Interaction
4. Lack of Management Information Systems (MIS).
5. Lack of availability of technical/skilled persons and services for fabrication of equipment needed for R&D.

**Opportunities:**

1. University reputation can attract faculty / students.
2. Collaborating with other Institutions in the country and abroad.
3. Expand and improve Industry - Institute Interaction at national and international level.
4. Improve the placement opportunities for PG students.
5. Improving consultancy

**Challenges:**

1. Lack of adequate infrastructure and equipment
  2. Lack of adequate funding support
  3. Difficulty to train students from poor academic background
53. **Future plans of the department.**  
The department interested to start a New Master Degree course of M.Sc (VLSI and Embedded systems)

**ANNEXURE-I: Research Papers Published**

**Prof. B. Rama Murthy, Coordinator**

1. **B.Rama Murthy** L.C.Siddanna Gowd S.Ravi and G.Pushpa Chakrapani “Adaptive code Synchronisation with Reduced Computational complexity and ermodulation Filter for Improved Capacity in MIMO System”. IJCSNS International Journal of Computer Science and Network Security, VOL. 10 No. 10, pp.172-180, 2010.
2. **B.Rama Murthy**, L.C. Siddanna Gowd “Capacity analysis, Modeling and simulation of MIMO Wireless sensor Network” CiiT International Journal of Wireless communication Vol 2, No 8, pp 197-202, 2010.
3. Neonatal monitoring system L. Suresh, N. Anjulatha, **B. Rama Murthy**, K. Tanveer Alam, K. Jyothi Babu International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol-4 , Issue -7 (Version-3), July 2014 Pp:12-15.
4. K. Jyothi Babu, **B. Rama Murthy**, K. Tanver Alam, L. Suresh and P. Thimmaiah, “LabVIEW based real time GUI System development for the studies of Ionospheric Irregularities over near equatorial region at Anantapur using Satellite Radio Beacon Signals” International Organisation of Scientific research community of researcher, vol.9, Issue 4 (July-Aug 2014) PP 24-29
5. Development of MSP based pulse oximeter with LABVIEW, N. Anjulatha, **B. Rama Murthy**, L. Suresh, International Journal of Innovative Science, Engineering & Technology ISSN: 2348-7968, Vol-2, Issue – 4, April 2015.
6. D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar “Image based heart murmur classification using acoustic wave pattern” International of Applied Engineering Research, ISSN: 0973-4562, Volume10-N0-15,2015,P:35020-35026.(IJAER))volume 10 No 15 (2015)
7. K. Tanveeralam, **B. Rama Murthy**, D.V. Mahammad and Sujay Dinakar, “Design and Development of an embedded based facial recognition system using UDOO Android” International Organisation of Scientific research community of researcher, vol.10 , Issue 4 PP 49-54
8. D. Suresh, **B. Rama Murthy**, S. Ravi, BC. Premkumar “Augmented Reality based heart murmur classification IJAER Volume 10 No 15 (2015)
9. “Design And Development Of A Microcontroller Based System For The Measurement Of Blood Glucose”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha , International Journal of Engineering Research and Applications ISSN: 2248-9622 Vol. 2, Issue 5, September-October 2012, pp.1440-1444
10. “Ethernet Based Remote Monitoring And Control Of Temperature By Using Rabbit Processor”, N.Anju Latha U. Suneetha, K.Tanveer Alam, B.V.S.Goud, **B.Rama Murthy**, International Journal of Advanced Computer Science and Applications, ISSN: 2156-5570, Vol. 3, No. 9, 2012.
11. “Smart Card Based Integrated Electronic Health Record System for Clinical Practice”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha, International Journal of Advanced Computer Science and Applications, Vol. 3, No. 10, 2012.
12. “Electrochemical Biosensors: An Overview ” , N. Anju Latha, B. Rama Murthy, U. Sunitha, A Journal of Laboratory Experiments, ISSN 0972-6055, Kareng/2001/83, volume-12, No-3,sept-2012
13. “Electronic Health Record”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha International Journal of Engineering Research and Technology, ISSN: 2278- 0181, IJERT, Volume1, Issue 10, December 2012.

14. "Smart Card Based Authentication System for Human Management", N. Anju Latha, U. Sunitha, **B. Rama Murthy**, International Journal of Computer Applications in Engineering Sciences, ISSN: 2231-4946, Vol III, Issue I, March 2013.
15. D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar "Image Based Heart Murmur classification using Hamming Distance Measure" APRNJEA Volume 10 No 18 (2015).
16. D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar "Image Based Heart Murmur classification using Hamming Distance Measure" APRNJEA Volume 10 No 18 (2015).
17. C.Srujana. Prof.B.Ramamuthy, Dr.P.Thimmaiah et al "Development of RFID based Library management System Using MATLAB" , International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249- Vol-2, Issue-5, June-2013, P.480-483
18. B. Dhanujay, Prof.B.Ramamurthy, Dr.P.Thimmaiah "Moving Object Tracking with Open CV on ARM Cortex-A8 in surveillance Applications" International Journal of Current Engineering and Technology E-ISSN 2277 - 4106, P-ISSN 2347 -5161, P 843 - 848, Vol.5, No.2 (April 2015)
19. B. Dhanujaya, Prof.B.Ramamurthy, Dr.P.Thimmaiah "Detection of objects in Aerial videos for object Extraction and tracking for UAV applications", International journal for Computer Applications (0975-8887), Vol-112-No-12, Feb' 2015,P:37-42.

**Dr. P. Thimmaiah, Assistant Professor**

- 1 M.V Lakshmaiah, P.Thimmaiah et al "Secure Communication information by Implementing different circuits and OFC" Proceedings of national conference on power system Today-2010 (PST-2010), P.42-45, 29-30 june2010, Andhra University, Visakhapatnam.
- 2 M.V Lakshmaiah, P.Thimmaiah et al "Design and Development of FPGA based DSP system for RADAR Applications" IEEE Explore publication, V2-142, Paper ID-S269, 7-9 Jan '2011.
- 3 G.Sivasankar yadav. Dr.P.Thimmaiah et al "Contrivance and progression of an inexpensive embedded system for micro stepper motor", International journal for Electronics & Communication technology (IJECT) ISSN: 2230- 9543, Vol-3, P 407-412, Oct-Dec2012.
- 4 M.V Lakshmaiah, P.Thimmaiah et al "A Security Enhancement based multifactor Authentication for secure Mobile Transaction", Second national conference, NCCNIS-2013.
- 5 K.Harish, Dr. M.V.Lakshmaiah, Dr.P.Thimmaiah et al Visible light communication system using PSOC Microcontroller, ESA'2013-The International conference on embedded systems and Applications.
- 6 B.SalehaBegum, Prof.Suresh kumar, Dr.P.Thimmaiah et al Embedded based Soil Electrical conductivity measurement System, IOSR Journal of Agriculture and veterinary Science (IOSR-JAVS).P-ISSN: 2319-2372, Issue (Mar-April 2013), P17-20.
- 7 K. Tanveer alam, Prof.B.Ramamuthy, Dr.P.Thimmaiah et al Low cost Ethernet based data-Acquisition system in Linux platform, IJEAT, ISSN: 2249-8958, Vol-2, Issue-4, April- 2013, and P.627-630.
- 8 C.Srujana. Prof.B.Ramamuthy, Dr.P.Thimmaiah et al "Development of RFID based Library management System Using MATLAB" , International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249- Vol-2, Issue-5, June-2013, P.480- 483.
- 9 K.Vijayalakshmi, Dr.P.Thimmaiah and Dr.K.R.Rao "The 8051 Microcontroller Interrupts Concepts: Programming and Applications", International Journal of

- Electronics and Communication Technology (IJECT), ISSN: 2230-9543 Vol. 5, Issue 1, Jan - March 2014.
- 10 Dr.M Sreeramulu, Dr.P.Thimmaiah et al "Death Sentence: Repeal OR Retention Riddle. UGC national Seminar Death Penalty Trends and Challenges", 29th March 2014 Organised by Dept. of LAW, S.K.University, Anantapur.
  - 11 K. Jyothi Babu, B. Rama Murthy, K. Tanver Alam, L. Suresh and P. Thimmaiah, Lab VIEW Based Real Time GUI System Development for the studies of Ionospheric irregularities over near Equatorial region at Anantapur using Satellite Radio Beacon signals. IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834, p-ISSN: 2278-8735. Volume 9, Issue 4, Ver. III (Jul - Aug. 2014), PP 24-29.
  - 12 Dr.M.V.Lakshmaiah, Dr.P.Thimmaiah et al Design and Development of FPGA system for RADAR Applications, International Journal of Scientific & Engineering Research, Volume 5, Issue 8, August-2014 935 ISSN 2229-5518, IF factor: 3.4
  - 13 B. Dhanujay, Prof.B.Ramamurthy, Dr.P.Thimmaiah "Moving Object Tracking with Open CV on ARM Cortex-A8 in surveillance Applications" International Journal of Current Engineering and Technology E-ISSN 2277 - 4106, P-ISSN 2347-5161, P 843- 848, Vol.5, No.2 (April 2015)
  - 14 B. Dhanujay, Prof.B.Ramamurthy, Dr.P.Thimmaiah "Detection of objects in Aerial videos for object Extraction and tracking for UAV applications", International journal for Computer Applications (0975-8887), Vol-112-No-12, Feb' 2015, P:37-42.
  - 15 Suresh, B. Rama Murthy, S. Ravi, P. Thimmaiah, BC. Premkumar "Image based heart murmur classification using acoustic wave pattern" International of Applied Engineering Research, ISSN: 0973-4562, Volume 10-No-15, 2015, P:35020-35026. (IJAER)) volume 10 No 15 (2015)
  - 16 D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar "Image Based Heart Murmur classification using Hamming Distance Measure" APRNJEA Volume 10 No 18 (2015).

**Prof. K.Raghavedra Rao**

1. C. Nagamani, K.R.Rao et al "Design and Development of Embedded System for the Measurement of Thermal Conductivity of Liquids by Transient Hot Wire Method", **Sensors & Transducers Journal**, Vol. 129, Issue 6, pp. 42-56, June 2011.
2. C. Nagamani, K.R.Rao et al "Design and Implementation of Ethernet Based Embedded System for the Measurement of Dielectric Constant in Solids", **Sensors & Transducers Journal**, Vol. 135, Issue 12, pp. 70-79, December 2011.
3. K.Vijayalakshmi, Dr.P.Thimmaiah and Dr.K.R.Rao "The 8051 Microcontroller Interrupts Concepts: Programming and Applications", International Journal of Electronics and Communication Technology (IJECT), ISSN: 2230-9543 Vol. 5, Issue 1, Jan - March 2014.

**Prof. K.NagabhushanRaju**

1. Design and Implementation of ARM Cortex based speed Control of DC Motor (2012), N.Madhusudhana Reddy, **K.Nagabhushan Raju**, C.Chandra Mouli and D.Chandrasekhar Reddy, *International Journal of Industrial Electronics and Control*, Vol. No.4, Number 2. pp.53-60. ISSN 0974-2220.

2. Design of control and interlocking system for a typical radar transmitter, (2010), **Nagabhushan Raju K**, Nagabhushan Katte, Manikumar C and Rajendra Prasad T. *Sensors & Transducers Journal* Vol. 118, Issue 7, pp.131-135, ISSN 1726-5479
3. A PC based system for measurement of dielectric constants of liquids, (2010), C Manikumar, **K.Nagabhushan Raju** and D.Sailaja, *Journal of Lab Experiments* , Vol.10,No.3, pp.165-170, ISSN 0972-6055
4. Implementation of Intrapredictions, Transform, Quantization and CAVLC for H.264 Video Encoder, (2011), Bharathi S.H., **K.Nagabhushan Raju** and S.Ramachandran, *International Journal of Electronics and Communication Engineering*, Volume 4, Number 1, pp.95-104, ISSN 0974-2166.
5. Implementation of Horizontal and Vertical Intraprediction Modes for H.264 Encoder, (2011), Bharathi SH, **K.Nagabhushan Raju** and S.Ramachandran, *International Journal of Electronics and Communication Engineering*, Volume 4, Number 1, pp.105-114, ISSN 0974-2166.
- 6 IP Core Design for Electrostatic Precipitator Controller System, (2012), R.V.Siva Reddy, S.Ramachandran and **K.Nagabhushan Raju**, *International Journal of Industrial Electronics and Control* , Volume 4, Number 1, pp.15-25, ISSN 0974-2220.

**Dr.Y.Narasimha Murthy Ph.D**

**Research Supervisor , Dept. of Electronics.**

**SSBN PG College, Anantapur**

1. "ARM Processor Based Multi-sensor System Design for the Measurement of Environmental Parameters" - Y. Narasimha Murthy, K. Soundarajan, B. Vishnuvardhan, J.Sensors & Transducers, Vol. 136, Jan. 2012, pp. 59-71.
2. "Design and Development of Low Power Wireless Sensor System for Measurement and Monitoring of Bio-Medical Parameters"- Y. Narasimha Murthy, Giriprasad, B. Vishnuvardhan, International Journal of Engineering Research, Vol.No.2, , pp : 213-217 , 2013.
3. "Design and Development of ZigBee based Wireless Sensor Network for Monitoring Air Pollutants" - Y. Narasimha Murthy, V. Sukanya, C. Saritha, International Journal of Scientific & Engineering Research Vol. 4, Issue3, 2013.
4. "Removal of Salt and Pepper Noise from highly Corrupted Images using Mean Deviation statistical parameter" - Y. Narasimha Murthy, M. Anand, International Journal on Computer Science and Engineering (IJCSE), 5(2), 113 - 119, 2013.
5. "Strategies in the Design of Low-power wire-less Sensor Net-work for the measurement and Monitoring of Physiological Parameters" - Y. Narasimha Murthy, K. Soundarajan, B. Vishnuvardhan, Intl .J. of Computer Applications, Technology and Research, 539-547, 2013.
6. "Low-Power and Low-Area Adaptive FIR Filter Based on DA Using FPGA" - Y. Narasimha Murthy, K. Soundarajan, B. Vishnuvardhan International Journal of scientific research and management (IJSRM), Vol 3,Pages| 2010-2014,|2014.
7. "Implementation of Adaptive FIR Filter with Area Optimization Based on DA and OBC"- Y. Narasimha Murthy, K. Soundarajan, B. Vishnuvardhan, International Journal of Engineering Research & Technology, Vol. 4 ,Pages. 696-701, 2015.

8. *"Implementation of Adaptive FIR Filter with Area Optimization Based on DA and Modified OBC"* - Y. Narasimha Murthy, K. Soundarajan, B. Vishnuvardhan, *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Energy*, Vol.4, Pages 994-1003, 2015.
- 

**Books Co-Authored**

1. *An Introduction to Operational Amplifiers and Applications* , Published by Mc Millan Pvt. Ltd, NewDelhi ,(2010).
2. *Experiments In Electronics*, Published by Mc Millan Pvt.Ltd, NewDelhi ,(2011).



## Department of Instrumentation & USIC

1. Name of the Department : **Instrumentation & USIC**
2. Year of establishment : 1981
3. Is the Department part of a School/Faculty of the University? Yes,  
**Faculty of Physical Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)  
**M.Sc. (Electronics & Instrumentation), M. Phil and Ph.D. Programmes.**  
In addition, the department is providing Repair and services to all Science and Humanities departments and also affiliated degree colleges of the University  
**(profile of USIC shown in Annexure II)**
5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Analog and digital communication	40	42	Electronics, Computer Science, and Physics
OE-2	Cellular and mobile communication	--	41	Electronics, Computer Science, and Physics

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
: **Nil**
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

### Semester System with Choice Based Credit System

9. Participation of the **department** in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	<b>Electronics</b>	Electronic Instrumentation	26	29
2	<b>Electronics</b>	Embedded based Instrumentation	-	26

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professors</b>	01	-	03
<b>Associate Professors</b>	03	-	-
<b>Asst. Professors</b>	05	03	-
<b>Others Teaching Personnel (contract basis)</b>	-	-	02

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. Students guided for the Last 5 years.</i>
Prof. K.Malakondaiah (Retired in August 2012)	M.Sc., Ph.D.	Professor	Scientific/ Analytical Instrumentation, VLSI design, Embedded Systems Industrial and Process Instrumentation	32years	Ph.D. : 3 M.Phil. : 3
Dr. B. Rama Murthy	M.Sc. (Maths) M.Sc. (Inst), M.Tech. M.Phil. Ph.D.	Professor	Scientific/Analytical Instrumentation, Industrial and Process Instrumentation, Communications & Network Security Systems, Bio-Medical Instrumentation	25 Years	Ph.D. : 4 M.Phil. : 2
Dr. C. Nagaraja	M.Sc. (Inst). M.Phil. Ph.D.	Professor	Scientific/ Analytical Instrumentation, Bio-Medical Instrumentation, Virtual Instrumentation, PC Based Instrumentation	25 Years	Ph.D. : 1
Dr. K. Nagabhushan Raju	M.Tech. , Ph.D.	Professor	Industrial & Process Instrumentation, Embedded systems	25 Years	Ph.D. : 7 M.Phil: 1

**12 List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	<b>Sri. Ramesh Datla</b> , Managing Director	ELICO Pvt Ltd., Hyderabad
2.	<b>Sri. Anand Manne</b> , Managing Director	SLN Technologies, Hyderabad
3.	<b>Sri D.L.Subramnyam</b> , Managing Director	SLN Technologies, Bangalore
4.	<b>Prof. T. Manu</b>	KHSCES, Hubli
5.	<b>Sri. P. Koteswara Rao</b> , Sr. Manager (R & D)	Broadcom, Hyderabad

**13 Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	M.Sc. (Electronics & Instrumentation)	2	30%
2011-12	M.Sc. (Electronics & Instrumentation)	2	30%
2012-13	M.Sc. (Electronics & Instrumentation)	2	30%
2013-14	M.Sc. (Electronics & Instrumentation)	2	30%
2014-15	M.Sc. (Electronics & Instrumentation)	2	30%

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.Sc. (Electronics & Instrumentation)	12 : 1
2011-12	M.Sc. (Electronics & Instrumentation)	12 : 1
2012-13	M.Sc. (Electronics & Instrumentation)	12 : 1
2013-14	M.Sc. (Electronics & Instrumentation)	12 : 1
2014-15	M.Sc. (Electronics & Instrumentation)	12 : 1

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Technical Staff	7	6	1 (Technician Grade IV)
2.	Workshop staff	6	4	1 (Electrician) 1 (Glass Blower)
3.	Junior Assistant	2	--	2 Junior Asst.
4.	Attender	4	--	4 Attenders

**16 Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Analytical Instrumentation	UGC
2.	Network and Communications	UGC
3.	Embedded systems	UGC
3.	Network and Communications	ISRO
4.	Biomedical Instrumentation	UGC

**17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :**

<i>Sl. No</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Dr. K. Mala kondiah	Design and Development of Embedded based System for the Measurement of Excess heats of mixing of Binary solutions	UGC	May 2009 to April 2012	8.9

2.	Dr.K.Naga bhushan Raju	Development of ARM processor based fuzzy logic controllers for Robotic Applications	UGC	Feb 2009 to Jan 2012	7.8
3.	Dr.K.Naga bhushan Raju	ARM processor based control and monitoring system with remote interface for radar transmitter and T/R Modules	ISRO	May 2009 to April 2011	10.00
4.	Dr. B. Rama Murthy	Bank Locker Security System	UGC	May 2009 to Feb 2011	1.98

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	DST-FIST	DST, New Delhi	2007-10	17.5

20. Research facility / centre with

- state recognition
- national recognition : UGC
- international recognition

Sl. No.	Name of the Research facility/ centre	Agencies recognising the facility/ centre	State/ National/ International
1.	USIC	UGC	National

21. Special research laboratories sponsored by / created by industry or corporate bodies

Sl. No	Research Laboratories established	Sponsoring agency	Grants received (Rs. Lakhs)
1.	Analytical Instrumentation Lab	ELICO Pvt Ltd, Sanath Nagar, Hyderabad	5.00
2.	Programmable Logic Controllers lab	POLMON Instruments Pvt Ltd, Nizampet, Hyderabad	2.00

**22. Publications: (Details vide Annexure-I)**

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	18	13	31	16	25
a)	National	11	6	13	7	1
b)	International	7	7	18	9	24
2	Monographs					
3	Chapters in Books					
4	Edited Books					
5	Text/ Reference books					
6	Number listed in International Database					
7	Citation Index – range / average					
8	Impact Factor – range / average					
9	H-Index					

**23. Details of patents and income generated**

- Design Patent on Dr. K. Muralidhar Reddy and Proc. C. Nagaraja on Polari meter.
- Low Cost Polarimeter based on Malu's Law with Indian patent office & International patent at "Geneva" in 2008

**24. Areas of consultancy and income generated : Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil**

**26. Faculty serving in**

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs) : Nil**

**28. Student projects**

- percentage of students who have done in-house projects including inter-departmental projects  
100 % (III Semester Students to do One Minor research Project in the Department)
- percentage of students doing projects in collaboration with other universities / industry / institute  
100% (IV semester completely devoted to Industrial project for a Period of 6 Months)

29. **Awards / recognitions received at the national and international level by**

• **Faculty:**

Prof. K. Nagabhushan Raju received best scientist award from APCOST, Hyderabad.

Prof. K. Nagabhusahn Raju received the State Award for Teachers for the year 2015 from the Government of Andhra Pradesh.

- **Doctoral / Post-doctoral fellows:** Nil
- **Students:** Nil

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<i>Sl. No.</i>	<i>Name of the Seminar/ Workshop organized</i>	<i>Name of the Director/ Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of outstanding participants</i>
1.	National Symposium on Challenges of Instrumentation in 21 <sup>st</sup> Century (NSISKU-2012)	C. Nagaraja	UGC	29-30 <sup>th</sup> March, 2012	1. K. Natesh, Technical Director, Accenture Technologies, 2. R. Ramakrishna, Retd Professor, Dept. of Instrumentation, IISC, Bangalore

31. **Code of ethics for research followed by the departments**

- The Departmental Research Committees monitoring them. M.Phil/Ph.D. Programmes quarterly and giving suggestions to scholars.
- The department taking all necessary steps in avoiding the duplication in the selection of M.Phil/Ph.D. research problem
- Ensuring the acknowledgement of the sources including websites in the references
- The Research Guides and students are obtaining permission from authors to use their information by request through Mails and also either writing personal letters and meeting personally.
- The Research scholars are strictly advised to verify their thesis work following the plagiarism.

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme	NA	NA	NA	NA	NA
M.Sc. ( E & I )2010-11	175	14	11	100	100
2011-12	153	17	7	100	100
2012-13	145	18	11	100	100
2013-14	156	16	7	100	100
2014-15	152	20	9	100	100
M. Phil.			NIL		
Ph.D.	35	5	4	70	80

**33 Diversity of students**

Name of the Programme (refer to question no.4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state
UG/ PG programme			
2010-11	95	5	-
2011-12	87	13	-
2012-13	90	10	-
2013-14	83	17	-
2014-15	85	15	-
M.Phil.	-	-	-
Ph.D.	95	5	-

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11						
2.	2011-12						
3.	2012-13			NIL			
4.	2013-14						
5.	2014-15						



**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	Nil
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	6%
Employed	50%
• Campus selection	35%
• Other than campus recruitment	
Entrepreneurs	Nil

**36 Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	25%
From other universities within the State	50%
From universities in other states	25%
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

- a. Library : 2500 Books and Data Manuals
- b. Internet facilities for staff and students : YES
- c. Total number of class rooms : 02
- d. Class rooms with ICT facility : YES
- e. Students' laboratories : 05
- f. Research laboratories : 03

39 List of doctoral, post-doctoral students and Research Associates

a) from the host institution/University: 15 Ph.Ds.

<i>Sl. No</i>	<i>Name of the student</i>
1.	S. Bhargavi
2.	I. Ravi
3.	L.C. Siddanna Gowd
4.	D. Asha Devi
5.	M. Ashok Kumar
6.	Nagendra Prasad
7.	T. Bheemalingaiah
8.	R.V. Siva Reddy
9.	M. Lakshmi Prasad
10.	N. Madhusudhan Reddy
11.	S.H. Bharathi
12.	S. Chandra Mohan Reddy
13.	R. Lakshmi Narayana
14.	L. Suresh
15.	C. Chandra Mouli

b) from other institutions/Universities : Nil

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	-	1	14	3	19
2.	2011-12	-	6	16	1	23
3.	2012-13	-	5	14	-	18
4.	2013-14	-	2	5	-	18
5.	2014-15	-	3	6	-	2

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Not Applicable

42. Does the department obtain feedback from

a Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The feedback obtained from the faculty on the curriculum through internal and external BoS meetings is used to revise the curriculum to strengthen the course as per the Industry requirement.

b Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

We take the necessary precautions to improve the teaching abilities and skills of the teacher by sending them to refresher/orientation and training programmes etc.

c Alumni and employers on the programmes offered and how does the department utilize the feedback?

•Most of the Managing Directors, R&D Engineers, Specialists, Managers from the Industries are included in the BOS Panel. Every Time BOS is conducted in the presence and guidance of Industrial Experts. The Syllabus is revised as per their suggestions to cater the needs of industry.

43. List the distinguished alumni of the department (maximum 10)

Sl. No	Name of the Student	Company Name	Location	Mobile Number
1.	Prof. P. Bhaskar (Special Officer)	Gulbarga University Post Graduate Centre	Raichur	09448633243
<b>2009-2011 BATCH</b>				
2	Niranjan	Biocon	Bangalore	9620444335
3	Manjunath	Perkin Elmer	Hyderabad	9550652215
<b>2010-2012 BATCH</b>				
4	D.JayaHussain	Agilent Technologies	Hyderabad	7093642999

5	Vinod	POLMON Instruments Pvt Ltd	Hyderabad	8885781110
<b>2011-2013 BATCH</b>				
6	Y. Venkatesh	Dr.Reddy's Laboratory	Hyderabad	7093037999
7	N.Murthy	ELICO Pvt Ltd.	Hyderabad	
<b>2012-2014 BATCH</b>				
8	Ranganath	Hospira (Pfizer)	Chennai	8438495316
9	P.Vidyadhar	Agilent technologies	Hyderabad	7093322092
<b>2013-2015 BATCH</b>				
10	B.Kondanna	Panasia	Bangalore	9963222770

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

<i>Sl. No.</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1.	2010-11	-	-
2.	2011-12	-	-
3.	2012-13	Sri. K. R. Simhadri, CISCO, Bangalore	Lecture given in Web Tools Design
4.	2013-14	D.L. Subramanyam, Director, SLN Technologies, Bangalore	Design and Development of Embedded systems
5.	2013-14	P. Koteswara Rao Sr. Manager ( R & D) Broadcom	software Program development Skills to communication systems

45. List the teaching methods adopted by the faculty for different programmes.
- Audio Visual, Demonstration of Experiments, Industrial Visits.
  - Power point presentations through electronic gadgets
  - One to one interactions on latest trends in the subject
  - Tutorials for different groups as per the student options with special reference to the student projects.
  - Oral presentations
  - Interactive sessions
  - Question-Answer sessions
  - Recapping sessions
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Evaluation system is critical to monitor the performance of students phase-wise through Internal assessments, seminars on concerned topics in the curriculum and also on popular topics related to academic and R & D issues. Conducting on-line tests besides the regular semester end examinations
47. Highlight the participation of students and faculty in extension activities.
- All PG students are involved actively in clean and green programme in the department and University campus.
  - Prof. B. Rama Murthy delivered invited talks and Key Note addresses in the

- National seminars at various Universities and Engineering colleges.
  - Prof. K. Nagabhushan Raju working as a Local Coordinator for Anantapur Development Initiative (ADI) Foundation, an extension centre of S.K.University for up-skilling the rural youth of Anantapur and providing them employment opportunities in IT / ITES sectors.
  - Prof. K. Nagabhushan Raju working as a Local Coordinator for BREAD Society in the identification and distribution of Merit Fellowships in association with the district administration.
  - Prof. K. Nagabhushan Raju delivered invited talks and Key Note addresses in the National seminars at various Universities and Engineering colleges.
48. Give details of “beyond syllabus scholarly activities” of the department.  
The students and research scholars are involved in conducting weekly seminars on extracurricular aspects mainly on national issues
49. State whether the programme/ department is accredited/ graded by other agencies?  
If yes, give details: Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Developed EHR System for corporate Hospitals instead of using Paper Reports by Dr. N. Anju Latha and Prof. B. Ramamurthy
  - Design Patent on Polari meter by Dr. K. Muralidhar Reddy and Prof. C. Nagaraja
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. Well qualified faculty – 100% of them possess Doctoral degree and remaining faculty members have Master’s degree with UGC-NET
2. M.Sc. (Electronics and Instrumentation course), M.Phil and Ph. D Programmes are being offered in the department. Having industrial support.
3. Regular mentoring of academically weak students by organizing remedial teaching, training in soft skills and personality development.
4. 80% campus placement, despite recession.
5. Encouraging research scholars to develop innovative technology useful to the industry and also to the nation.

**Weaknesses**

1. Some of the equipment installed initially in various laboratories are obsolete. Hence up gradation and modernization of labs is required.
2. Insufficient financial support to the Research activities for advanced equipment and Electronic Devices and Components.
3. Lack of Management Information Systems (MIS).

**Opportunities**

1. Collaborating with other Industries and Institutions in the country and abroad.
2. Expand and improve Industry - Institute Interaction at national and international level.
3. Improve the placement opportunities for PG students.
4. Improving consultancy.

**Challenges:**

1. Absence of industries and R&D Laboratories nearby.
2. Training students from poor academic background and Telugu medium
3. Lack of adequate infrastructure and equipment
4. Shortage of qualified staff

52. **Future plans of the department.**

- To establish Central Instrumentation Facility Centre during XII plan to cater to the needs of all science departments through Advanced Scientific Instruments.
- To start a programme of M.Sc. Bio-Medical Engineering Course
- Short term Training Programmes in skill enhancement of instrumentation students.

**Annexure-I: List of Publications by the Faculty**

**Prof. K. MALAKONDAIAH (Retired in Aug 2012)**

**Papers published**

1. "Internet based Telemetry System for Soil Analysis" IETE, April -2010.
2. "Web based soil Analyzer using Rabbit processor" **International Journal of Advanced Engineering and Applications**, June 2010.
3. "Measurement of Potassium level present in the soil using embedded system Based Soil Analyzer " **International Journal of Innovative Technology and Creative Engineering**. Jan 2011.
4. "Embedded based System for the Measurement of Conductivity and Monitoring through Web" **International Journal of Embedded Systems and Computer Engineering**, Vol-1, Jan – June 2011.

**Books Published: Two**

1. Experiments in Electronics, By, S.V. Subrahmanyam, K. Malakondaiah and K. Narasimha Murthy, (Macmillan Publishers India Limited)
2. Experiments on 8051 Microcontroller, P. Bhaskar and K. Malakondaiah, (IK International Publishers Private Limited. New Delhi)

**Prof. B. RAMA MURTHY**

**Papers published**

1. **B.Rama Murthy**, S. Bhargavi, R. Sashikumar "Design and implementation of GSM based Remote Monitoring And Control System For Industrial Process Parameters. "International journal of computer science and network systems, pp. 219-225, 2010.
2. **B.Rama Murthy** and S. Bhargavi. "Remote sensing and control of various Electrical atmospheric parameters in large scale industries." International journal of computer science and network systems, pp 1- 5, 2010.
3. **B.Rama Murthy** L.C.Siddanna Gowd S.Ravi and G.Pushpa Chakrapani "Adaptive code Synchronisation with Reduced Computational complexity and ermodulation Filter for Improved Capacity in MIMO System". IJCSNS International Journal of Computer Science and Network Security, VOL. 10 No. 10, pp.172-180, 2010.
4. **B.Rama Murthy**, L.C. Siddanna Gowd " Capacity analysis, Modeling and simulation of MIMO Wireless sensor Network" CiiT International Journal of Wireless communication Vol 2, No 8, pp 197-202, 2010.
5. **B.Rama Murthy**, S. Bhargavi, R. Sashikumar " Development of a low-cost GSM SMS-Based Humidity Remote monitoring and control system for Industrial applications" Vol.1.No.4, pp 20-26,2010.
6. **B.Rama Murthy** and N.Anjulatha "Design and Development of A Microcontroller Based System for the Measurement of Blood Pressure" , International Conference on Recent Advancements in Electrical, Electronics and Control Engineering, December 2011
7. M. Ashok Kumar, **B. Rama Murthy**, Ch. V.V. Ramana, V. Siva Kumar, M.K. Moodley and K. Venu Madhav, Microcontroller based Capacitance Meter, International Journal of Computer Application and Engineering Technology, April-2012, Vol 1, Issue 2, 41-48 ISSN: 2277-7962
8. "Design And Development Of A Microcontroller Based System For The Measurement

- Of Blood Glucose”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha , International Journal of Engineering Research and Applications ISSN: 2248-9622 Vol. 2, Issue 5, September-October 2012, pp.1440-1444
9. “Ethernet Based Remote Monitoring And Control Of Temperature By Using Rabbit Processor”, N.Anju Latha U. Suneetha, K.Tanveer Alam, B.V.S.Goud, **B.Rama Murthy**, International Journal of Advanced Computer Science and Applications, ISSN: 2156-5570, Vol. 3, No. 9, 2012.
  10. “Smart Card Based Integrated Electronic Health Record System For Clinical Practice”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha , International Journal of Advanced Computer Science and Applications, Vol. 3, No. 10, 2012.
  11. “Electrochemical Biosensors: An Overview ” , N. Anju Latha, **B. Rama Murthy**, U. Sunitha, A Journal of Laboratory Experiments, ISSN 0972-6055, Kareng/2001/83, volume-12, No-3,sept-2012
  12. “Electronic Health Record”, N. Anju Latha, **B. Rama Murthy**, U. Sunitha International Journal of Engineering Research and Technology, ISSN: 2278- 0181, IJERT, Volume1, Issue 10, December 2012.
  13. “Smart Card Based Authentication System for Human Management”, N. Anju Latha, U. Sunitha, **B. Rama Murthy**, International Journal of Computer Applications in Engineering Sciences, ISSN: 2231-4946, Vol III, Issue I, March 2013.
  14. Neonatal monitoring system L. Suresh, N. Anjulatha, **B. Rama Murthy**, K. Tanveer Alam, K. Jyothi Babu International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol-4 , Issue -7 (Version-3), July 2014 Pp:12-15.
  15. K. Jyothi Babu, **B. Rama Murthy**, K. Tanver Alam, L. Suresh and P. Thimmaiah, “LabVIEW based real time GUI System development for the studies of Ionospheric Irregularities over near equatorial region at Anantapur using Satellite Radio Beacon Signals” International Organisation of Scientific research community of researcher, vol.9, Issue 4 (July-Aug 2014) PP 24-29
  16. Development of MSP based pulse oximeter with LABVIEW, N. Anjulatha, **B. Rama Murthy**, L. Suresh, International Journal of Innovative Science, Engineering & Technology ISSN: 2348-7968, Vol-2, Issue – 4, April 2015.
  17. G. Prathyusha and **B. Rama Murthy** “Embedded based level measurement and control system using float sensor”, IJAREEIE, Vol 4, Issue 4 April 2015, ISSN No: 2278 – 8875, ISSN (Print): 2320 – 3765.
  18. G. Prathyusha and **B. Rama Murthy** “Measurement and Control of level using ultrasonic sensor”, IJECIERD, Vol5, issue 4, August 2015, ISSN No: 2245 – 7951.
  19. D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar Image based heart mermer classification using acoustic wave pattern IJAER Volume 10 No 15 (2015)
  20. K. Tanveeralam, **B. Rama Murthy**, D.V. Mahammad and Sujay Dinakar, “Design and Development of an embedded based facial recognition system using UDOO Android” International Organisation of Scientific research community of researcher, vol.10 , Issue 4 (Aug 2015) PP 49-54
  21. D. Suresh, **B. Rama Murthy**, S. Ravi, BC. Premkumar “Augmented Reality based heart murmur classification IJAER Volume 10 No 15 (2015)
  22. D. Suresh, **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar Image Based Heart Murmur classification using acoustic wave pattern IJAER Volume 10 No 15 (2015)
  23. K. Tanveeralam, **B. Rama Murthy**, DV. Mahammad and Sujay Dinakar, “Design and Development of an embedded based facial recognition system using UDOO Android” International Organisation of Scientific research community of researcher, vol.10 , Issue 4 (Aug- 2015) PP 49-54



24. D. Suresh, **B. Rama Murthy**, S. Ravi, BC. Premkumar "Augmented Reality based heart murmur classification IJAER Volume 10 No 15 (2015)
25. D. Suresh **B. Rama Murthy**, S. Ravi, P. Thimmaiah, BC. Premkumar "Image Based Heart Murmur classification using Hamming Distance Measure" APRNJEA Volume 10 No 18 (2015).
26. RFID based Library Management System, C.Srujana, **B. Rama Murthy**, U.Sunitha,IJEAT,VOL 2Issue-5 , June 2013,ISSNNo:2249-8958

### **Chapters in Books**

1. **Basic Electronic, Laboratories manual & Record** for M.Sc (Physics) by **Dr. B. Rama Murthy**, Dr. N. Lalith Kumari, and Ms V. Rama Published by Dr.B.R. Ambedkar open University, Hyderabad.
2. **Digital Electronics and Computer Programming** for M.Sc(Physics) by Prof M. Madhukar, **B. Rama Murthy**, Dr. N. Lalith Kumari and Ms. V. Rama. Published by Dr.B.R. Ambedkar open University, Hyderabad.
3. **Microprocessors and Interfacing** by **Dr. B. Rama Murthy**, Published By Dr B.R. Ambedkar open University, Hyderabad

### **Prof. C. NAGARAJA**

#### **Papers published**

1. ARM Processor Based Embedded System for Examination Question Paper Leakage Protection System, (2012), P. Jyothi, C. Chandra Mouli, **C. Nagaraja** and K.Nagabhushan Raju, *Sensors and Transducers Journal*, Vol. No. 141, Issue 6, June 2012, pp. 134-141.
2. Microcontroller based liquid level measurement, (2010), C. Sudharani, C. Chandramouli, **C. Nagaraja**, T. Bheemalingaiah and K. Nagabhushan Raju, *Journal of Lab Experiments*, Vol. 10, No.3, pp209-214, ISSN 0972-6055
3. Implementation of Serial Communication in lab view to interface with 8051 based microcontroller, (2010), C. Chandramouli, P. Jyothi, K. Nagabhushan Raju, **C. Nagaraja**, T. Bheemalingaiah and M. Ashok Kumar, *Research Journal of Engineering & Technology* Vol.3. Issue.4, pp7-9, ISSN 0974-2824
4. Measurement of phonocardiograph signals and determining heart rate using lab view (2011) BheemaLingaiahT, **C. Nagaraja**, HanumeshKumarD, 4 Issue 3, July 2011. *Research Journal of Engineering & Technology* ISSN 0974-2824
5. Continuous dc motor control implementing IC 723 regulator (2011), D Hanumesh Kumar, **C. Nagaraja** and P. Jyothi, *Lab experiments journal*, Sept.-2012, Volume-12, No-3, ISSN 0972-6055.
6. Study of Filters through Programmable Instruments Implementing LabVIEW, P. Jyothi, C. Chandra Mouli, **C. Nagaraja**, K. Nagabhushan Raju, *IOSR Journal of Electrical and Electronics Engineering*, Vol. No. 2, Issue 1, July-Aug. 2012, pp 05-09.ISSN: 2278-1676.
7. PC Based 4DOF Robot Arm Control Implementation by LABVIEW Software, (2012), C. Chandra Mouli, P. Jyothi, K. Nagabhushan Raju and **C. Nagaraja**, *Journal of Lab Experiments*, Vol-12, No.1, March 2012, pp.35-41, ISSN 0972-6055.
8. Design and Development of PC based Digital Voltmeter Using AD974 16-Bit ADC, (2012), R. Lakshmi Narayana, K. Nagabhushan Raju, and **C. Nagaraja** *Journal of Lab Experiments*, Vol-12, No.2, June 2012, pp.156-162, ISSN 0972-6055.

9. ARM Processor Based Embedded System for Examination Question Paper Leakage Protection System (2012) P. Jyothi, C. Chandra Mouli, **C. Nagaraja** and K. Nagabhushan Raju, Sensors and Transducers Journal, June 2012 Vol. No. 141, Pp 134-141
10. Design and Development of PC based Digital Voltmeter Using AD 974 16- Bit ADC, (2012), R. Lakshmi Narayana, K. Nagabhushan Raju, and **C. Nagaraja** Journal of Lab Experiments June 2012 Vol-12, No.2 Pp.156-162, ISSN 0972-6055.
11. Study of Filters through Programmable Instruments Implementing Lab VIEW P. Jyothi, C. Chandra Mouli, **C. Nagaraja** and K. NAGABHUSHAN RAJU IOSR International Journal of Electrical and Electronics Engineering July-Aug 2012 Vol2 Issue 1 pp 05-09 ISSN: 2278 -1676.
12. Digital to Analog Conversion using ARM Processor. P.S.S SUSHAMA, **C. Nagaraja**, K. NAGABHUSHAN RAJU and K. MALAKONDAIH, International Journal of Scientific & Engineering Research Volume 3, Issue 10, October-2012 1 ISSN 2229-5518 IJSER © 2012.
13. Interfacing of LCD Module with ARM Processor P.S.S. Sushama, **C. Nagaraja**, K. Nagabhushan Raju and K. Malakondaiah, International Journal of Scientific & Engineering Research October - 2012 Volume3, Issue 10, ISSN2229-5518
14. Modelling and simulation of Time Response of a System with Virtual instrumentation D. Hanumesh Kumar, K.P.J. Pradeep, **C. Nagaraja** and K. Nagabhushan Raju Journal of Lab Experiments Dec-2012 Vol. 12, No.4. Pp 300-303
15. "Lab VIEW Based Weighing Machine D. Hanumesh Kumar, P. Jyothi, **Prof. C. Nagaraja** and P.S.S. Sushama, Journal of physics Education Jan-Mar 2013, Volume 29, No. 1, Article Number: 5. ISSN: 0970-5953
16. Interfacing of Servo Motor for Angular Position Measurement Using ARM Processor Based Embedded System C. Chandra Mouli, P. Jyothi, K. Nagabhushan Raju and **C. Nagaraja**, Journal of Lab Experiments March 2013 Vol-13, No.1 pp.13-18, ISSN 0972-6055
17. Identification of a Continuous state space model using LABVIEW K P J Pradeep, D Hanumesh Kumar, Prof. K Nagabhushan Raju, **Prof. C. Nagaraja**, Journal of physics Education Apr-June 2013 Volume 29, No. 2, Article Number: 4 ISSN: 0970-5953
18. Measurement of Pulse rate and SpO2 using Pulse Oximeter developed using Lab VIEW. T. Bheemalingaiah, D. Hanumesh Kumar, and **Dr. C. Nagaraja** IOSR Journal of Electrical and Electronics Engineering e-journal Nov-Dec. 2013 Volume 8, Issue IPp 22-26, e-ISSN: 2278-1676, p-ISSN: 2320-3331.
19. Development of Humidity and Temperature Measurement Instrumentation System using Lab VIEW" T. Bheemalingaiah, D. Hanumesh Kumar, and **C. Nagaraja**, Solomon Woldetsadik International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Dec. 2013 Volume 2, Issue 10 Online - ISSN: 2278-8875, Print-ISSN: 2320-3765. Impact factor: 1.686.
20. Design and Implementation of Robot Arm Control Using Lab View and Arm Controller C. Chandra Mouli, P. Jyothi, K. Nagabhushan Raju and **C. Nagaraja**, IOSR Journal of Electrical and Electronics Engineering Jul-Aug - 2013.
21. Monitoring of Temperature and Humidity Using LIFA. K P J Pradeep, K Sai Prasad Reddy, D. Hanumesh Kumar, K Nagabhushan Raju, **C. Nagaraja**. International Journal of IT, Engineering and Applied Sciences Research (IJIEASR) Volume 3, No. 6, June 2014.

Prof. K. NAGABHUSHAN RAJU

Papers published

1. Development of an FPGA based embedded system for high speed object tracking, (2010), Chandrasekhar M and **Nagabhushan Raju K**, *Sensors & Transducers Journal*, Vol.112, Issue 1, January pp.118-123.ISSN 1726-5479
2. Implementation of FPGA based PID controller for DC motor speed control system, (2010) Savita Sonoli and **Nagabhushan Raju K**, *Sensors & Transducers Journal*, Vol.114, Issue 3, pp.170-183, ISSN 1726-5479
3. Condition monitoring of Wind power generators – Instrumentation Aspects, (2010), **Nagabhushan Raju K** and D.Sailaja, *Journal of Lab Experiments*, Vol-10, No.1, pp.78-82. ISSN 0972-6055
4. Design of control and interlocking system for a typical radar transmitter, (2010), **Nagabhushan Raju K**, Nagabhushan Katte, Manikumar C and Rajendra Prasad T. *Sensors & Transducers Journal* Vol. 118, Issue 7, pp.131-135, ISSN 1726-5479
5. A PC based system for measurement of dielectric constants of liquids, (2010), C Manikumar, **Nagabhushan Raju K** and D.Sailaja, *Journal of Lab Experiments* , Vol.10,No.3, pp.165-170, ISSN 0972-6055
6. Measurement of Free Air Delivery capacity for reciprocating air compressors, (2010), **Nagabhushan Raju K**, *Journal of Lab Experiments*, Vol.10,No.3, pp.205-208, ISSN 0972-6055
7. Microcontroller based liquid level measurement, (2010), C.Sudharani, C.Chandramouli, C.Nagaraja, T.Bheemalingaiah and **Nagabhushan Raju K**, *Journal of Lab Experiments*, Vol.10,No.3, pp.209-214, ISSN 0972-6055
8. Embedded Based DC Motor Speed Control System, (2010), Chandrasekhar T, **Nagabhushan Raju K**, VVRamana Ch, Nagabhushana katte and Manikumar C, *Sensors & Transducers Journal*, Vol.121, No.10, pp.94-105, ISSN 1726-5479.
9. Implementation of serial communication in labview to interface with 8051 based microcontroller, (2010), C.Chandramouli, P.Jyothi, **Nagabhushan Raju K**, C.Nagaraja, T.Bheemalingaiah and M.Ashok Kumar, *Research Journal of Engineering & Technology*, Vol.3. Issue.4, pp.7-9, ISSN 0974-2824.
10. Apparent Molal volumes and Apparent Molal Adiabatic Compressibilities of Digols in water at different temperatures, (2011), **Nagabhushan Raju K** and D.Sailaja *Asian Journal of Chemistry*, Vol.23, No.2, 745-748. ISSN 0970-7077.
11. DSP Based Embedded System with MIL-STD-1553Bus Interface for Altitude Measurements Using FMCW Technique, (2011), K.Padmanabham, Prabhakar K, Raghavendra Misra, M.Chandrasekhar and **Nagabhushan Raju K**, *International Journal of Electronic Engineering Research*, Volume 3, Number 1 pp.39–44, ISSN 0975 – 6450
12. Implementation of Intrapredictions, Transform, Quantization and CAVLC for H.264 Video Encoder, (2011), Bharathi S.H., **Nagabhushan Raju K** and S.Ramachandran, *International Journal of Electronics and Communication Engineering*, Volume 4, Number 1, pp.95-104, ISSN 0974-2166.
13. Implementation of Horizontal and Vertical Intraprediction Modes for H.264 Encoder, (2011)Bharathi SH, **Nagabhushan Raju K** and S.Ramachandran, *International Journal of Electronics and Communication Engineering*, Volume 4, Number 1, pp.105-114, ISSN 0974-2166.
14. An Integrated Expert Controller for the Oven Temperature Control System, (2011), Nagabhushan katte, **Nagabhushan Raju K**, Bhaskar P, and Parvathi S., *Sensors & Transducers Journal*, Vol.126, No.3, pp. 101-109, ISSN 1726-5479.

15. A simple pedestrian traffic control system using IC 555, (2011), D.Sailaja and **Nagabhushan Raju K**, *Journal of Lab Experiments*, Vol.11,No.1, pp.21-23, ISSN 0972-6055.
16. Determination of a step angle of a stepper motor using a microcontroller, (2011), V.Ramanath, D.Sailaja and **Nagabhushan Raju K**, *Journal of Lab Experiments*, Vol.11,No.1, pp.51-58, ISSN 0972-6055.
17. Apparent Molal volumes and Apparent Molal Adiabatic Compressibilities of Cellosolves in water at different temperatures, (2011), **Nagabhushan Raju K** and D.Sailaja, *Asian Journal of Chemistry*, Vol.23, No.8, 3393-3396, ISSN 0970-7077.
18. Embedded System based Exhaust Fan Control, (2011), V.Ramanath, D.Sailaja, C.Chandramouli and **Nagabhushan Raju K** *Journal of Lab Experiments*, Vol.11,No.3, pp.200-204, ISSN 0972-6055.
19. IP Core Design for Electrostatic Precipitator Controller System, (2012), R.V.Siva Reddy, S.Ramachandran and **Nagabhushan Raju K**, *International Journal of Industrial Electronics and Control* , Volume 4, Number 1, pp.15-25, ISSN 0974-2220.
20. An Embedded Web based Real Time Application for Remote Monitoring & Controlling of MST RADAR Transmitters" (2012), **Nagabhushan Raju K**, Lakshminarayana R, Rajendra Prasad T, Chandrasekhar Reddy D, *Sensors & Transducers Journal* , Vol.136, Issue 1, January 2012, pp.96-104, ISSN 1726-5479.
21. Design and Implementation of ARM Cortex based speed Control of DC Motor (2012), N.Madhusudhana Reddy, **Nagabhushan Raju K**, C.Chandra Mouli and D.Chandrasekhar Reddy, *International Journal of Industrial Electronics and Control*, Vol. No.4, Number 2. pp.53-60. ISSN 0974-2220.
22. Measurement of Resolver angular Position Information based on Inverse Tangent Algorithm (2012), S.Chandra Mohan Reddy, **Nagabhushan Raju K**, *International Journal of Advances in Science and Technology*, Vol.4, No.2, 2012. pp28-35, ISSN 2229-5216.
23. A Novel Design Method for Resolver to Digital Converter, (2012), S.Chandra Mohan Reddy, **Nagabhushan Raju K**, *International Journal of Engineering Research and Applications*, Special Issue VNCET-30, pp.343-348, ISSN 2248-9622.
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**ANNEXURE II**  
**University Science Instrumentation Centre (USIC)**

A central workshop was established by the UGC during the V plan period in the year 1975 with the objective of providing instrument services like repair and maintenance of instruments/equipment of different departments of the University. Consequently the University Science Instrumentation Centre (USIC) Level -I was established with the financial assistance from the UGC during the VIII plan period in the year 1990 with a view to provide instrument services to all the University Departments and affiliated colleges of the University and to spread the instrumentation culture through its various activities in the University. The central workshop with its infrastructure and human resources was merged with the USIC and strengthened its activities.

In addition to offering the instrument services, the Centre felt the need for training the people with instrumentation skills as there is a large dearth of such people in academic institutions, R & D organizations and industry. Hence, a post graduate diploma in Instrumentation was started in the academic year 1981-82, the students of which are suitable to be employed at the technician level in the field of instrumentation. Further, this Post Graduate Diploma Programme was upgraded into a four semester (2 years) M.Sc. in Instrumentation from the academic year 1986-87. A suitable curriculum was designed to cater to the needs of higher level jobs in Instrumentation. Project work in an industry for a period of 5 months is a part of the curriculum which is paying dividends in promoting the job opportunities. This is a special feature which promotes interaction with the industry. Research Programme (M.Phil/Ph.D.) were introduced in the academic year 1990-91. The UGC recognized the course and sanctioned one professor, one reader and one lecturer post during the VIII plan period in addition to the equipment and Book grants.

The University Science Instrumentation Centre and department of Instrumentation are functionally integrated and ever since the department is very active in all the fields of academics and the service.

**Staff Particulars of USIC Staff:**

<i>SL. No.</i>	<i>Name of the Employee</i>	<i>Designation</i>	<i>Mobile No.</i>
1.	Prof. B. Rama Murthy	Professor & Head	9440780963
2.	Prof. C. Nagaraja	Professor & Chairman : BOS	8801109137
3.	Prof. K. Nagabhushan Raju	Professor	9866590987
4.	P. Sudarshanam	Technician Gr-IV	8985811449
5.	K. Saiprasad Reddy	Technician Gr-II	9989646422
6.	G. Dhanunjaya	Technician Gr-II	9059407971
7.	K.A. Madhusudhana Goud	Technician Gr-I	9000555401
8.	G. Chandrasekera Rao	Technician Gr-I	9908085584
9.	K.Anand	Technician Gr-I	7396918676
10.	V. Obulesu	GAS Mechanic	9866258191
11.	G. Ramakrishna	Mechanic	9059085655



**Details of the consultancy work undertaken by the Department**

The Department also provided consultancy service to M/s ELICO Private Limited, POLMON Instruments Ltd, Pacific electronics ltd etc. Hyderabad in the design & development of analytical instruments

The Department offering free consultancy to Local doctors on medical equipment details and maintenance. Giving free servicing to Govt. Headquarters Hospital on medical equipment's.

**a. Instrument Services**

- I. Providing instrument services (repairs and maintenance) to all the 28 departments of the University.
- II. The instrument services to 93 affiliated colleges are also offered. Hardly there is a day without servicing / repairing an instrument in the department. On an average about 4 to 5 instruments are repaired in the department per day.
- III. Designing and fabrication of teaching aids and simple equipment
- IV. Fabrication of experimental kits and chassis for Post-graduate students of different Science departments
- V. Providing assistance in fabrication of simple research equipment for the staff and Research scholars.
- VI. To impress upon them to prepare on inventory of the instrument. The local degree colleges were covered. The programme is quite successful and it has been appreciated.

**b. Teaching Activities**

- M.Sc. ( Instrumentation) : A four semester programme for post B.Sc. students with an intake of 20 [12 +8 (Payment seats)] every year up to 2005. Later on the Course is converted as M.Sc (Electronics and Instrumentation) with intake of 30 [12 + 18 (Payment seats)+2NRI seats)
- University Science Instrumentation Centre and the Department of Instrumentation are jointly organizing the M.Sc. (Electronics and Instrumentation) Course. All the academic staff of the USIC are involved in teaching the course in addition to the regular duties in the USIC.
- The laboratories of the USIC are being used for providing practical training to the students of M.Sc. Electronics and Instrumentation.
- On the request the teaching services are extended to other departments - Polymer Science & Technology, Electronics, and Chemistry & Computer Science.

**c. Consultancy Programme & Extension activities**

It has offered services to number of industries in this area. The Department also provided consultancy service to M/s ELICO Private Limited, Hyderabad in the design & development of analytical instruments and POLMON Instruments PVT .Ltd. Hyderabad.

**Services provided by USIC for the Period of July 2010 to June 2015**

<i>Period</i>	<i>Serviced Electronic Instruments</i>	<i>Serviced Analytical Instruments</i>	<i>Serviced Computer related Instruments</i>	<i>Total of Instruments</i>
July – June 2010	11	27	41	79
July – June 2011	44	29	54	127
July – June 2012	12	10	29	63
July – June 2013	25	10	02	37
July – June 2014	07	04	02	13
July 2014 to till to date i.e. 06.11.2015	06	01	---	07

**Other Activities of USIC Staff**

- ❖ Servicing of Laboratory Equipment in SKU Engineering College (July 2012-June 2013)
- ❖ Participation of Workshop on Laboratory Equipment programme of SKU Engineering College (July 2014-June 2015)
- ❖ Technical support for fabrication of Equipment regarding to M.Phil/Ph.D. activities for Research scholars.
- ❖ Laboratory Assistance for M.Sc. Electronics & Instrumentation Course in the Department.
- ❖ Electronic Lab / Components and materials stores maintenance for USIC & Instrumentation Department.
- ❖ Attending for Teaching Activity for SKU Engineering College.

**Department of Mathematics**

1. **Name of the Department** : **Department of Mathematics**
2. **Year of establishment** : **1968**
3. **Is the Department part of a School/Faculty of the University?** **Yes,**  
**Faculty of Physical sciences**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**  
**1. Ph.D 2. M.Phil 3. M.Sc Mathematics 4. M.Sc. Applied Mathematics**
5. **Interdisciplinary programmes and departments involved**

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
<b>OE-1</b>	Discrete Mathematical Structures	53	52	Physics, Statistics and Computer Science
<b>OE-2</b>	Mathematical Techniques For Science and Technology	-	50	do

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
**: Nil**
7. **Details of programmes discontinued, if any, with reasons:** **NIL**
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
**Semester with Choice Based Credit System**
9. **Participation of the department in the courses offered by other departments,;**

Sl. No.	Name of the Department	Title of OE paper		No. of students opted	
		II-Semester	III-Semester	2013-14	2014-15
1	Statistics	Statistical Methods - I	Statistical Methods - II	32	35
2	Computer Science	Computer Ethics	Green IT	14	13
3	Geography	The Natural Disasters and Management		05	-
4	Physics		Program in C	01	04
5	M.P.Ed	Moral Concepts Of Yoga	Nutrition and Wellness	02	02

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/ others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	02	-	03
Associate Professor	04	-	-
Asst. Professor	05	03	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Quali- fication</i>	<i>Designa- tion</i>	<i>Speciali- zation</i>	<i>Years of experi- ence</i>	<i>No:of Ph.D./ M.Phil. students guided for the last 5 years</i>
1.Prof. D.R.V.Prasada Rao*	M.Sc., Ph.D	Professor	Fluid dynamics, Principles of continuum Mechanics, Differential equations	35	-
2.Prof.K.Suvarna**	M.Sc., M.Phil. Ph.D	Professor	Algebra, Galois theory, Number theory.	36	8 +2
3.Prof.R.Siva Prasad	M.Sc., M.Phil. Ph.D	Professor	Mathematical methods, Differential equations, Operational Research,	30	8 +2
4.Prof.U.Rajeswara Rao #	M.Sc., M.Phil. Ph.D	Professor	Topology, Calculus of variations, Viscous flows, Complex analysis	30	8 +2
5.Prof.A.Mallikarj una Reddy	M.Sc., M.Phil. Ph.D	Professor	Complex analysis, Numerical Methods, Graph theory, Discrete mathematics	27	8 +2
6.Prof.G.Shobha latha	M.Sc., M.Phil. Ph.D	Professor	Algebra, Analysis, Graph theory, Functional analysis	16	8 +2

\* Rtd in Sep-2011; \*\* Rtd in Aug-2013; # sudden demise in May 2015.

**12. List of senior visiting fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof.D.R.V.PrasadaRao	S.K. University, (B.S.R fellow - 2011-2014)
2.	Prof. C. Srihari Nagore	MIT, Anna University, Chennai.
3.	Prof. B. Maheswari	S.P.Mahila Viswavidyalayam, Tirupathi
4.	Prof. Nandappa Sonar	University Of Mysore, Mysore.
5.	Pror. Padmavatamma	Hyderabad Central University

**13 Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	-	-	-
2011-12	-	-	-
2012-13	-	-	-
2013-14	M.SC(Mathematics/ App. Mathematics)	01	20%
2014-15	- do-	01	20%

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	MSc (Mathematics & Applied Mathematics )	10:1
2011-12	MSc (Mathematics & Applied Mathematics )	12:1
2012-13	MSc (Mathematics & Applied Mathematics )	12:1
2013-14	MSc (Mathematics & Applied Mathematics )	12:1
2014-15	MSc (Mathematics & Applied Mathematics )	12:1

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1	Technical Assistant	01	01	01
2.	Junior Assistant	01	01	01
3.	Attenders (time scale)	02	-	02

**16. Research thrust areas as recognized by major funding agencies:**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1. 2. 3. 4.	Fluid Dynamics Algebra Graph Theory Reliability Theory	UGC

17. Number of faculty with on going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Sl. No.	Name of the Faculty member	Title of the project	Name of the Funding agency	Period	Grants received (Rs. Lakhs)
1.	Prof.R.Siva Prasad	The porous Medium Fixed in a annular vertical cylinder- A study of natural convection	UGC- New Delhi	2010-2013	4.8

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration: Nil                      b) International collaboration: :Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	DST – FIST	DST	2009-2014	22.00 Lakhs

20. Research facility / centre with

- state recognition : Nil
- national recognition : Nil
- international recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: (Details vide Annexure – I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	48	25	24	17	22
a)	National	05	01	01	0	01
b)	International	43	24	23	17	21
2	Monographs	-	-	-	-	-
3	Chapters in Books	-	-	-	-	-
4	Edited Books	-	-	-	-	-
5	Text/ Reference books	-	-	-	-	-

6	Number listed in International Database	-	-	-	-	-
7	Citation Index - range / average	-	-	-	-	-
8	Impact Factor - range / average	1.25678	1.94656	2.07786	1.72629	2.1435
9	h-index	-	-	-	-	-

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in
- a) National committees : Nil
  - b) International committees : Nil
  - c) Editorial Boards : Nil
  - d) any other (please specify) : Nil
- 27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). : Nil
- 28 Student projects
- percentage of students who have done in-house projects including inter-departmental projects : Nil
  - percentage of students doing projects in collaboration with other universities / industry / institute : Nil
- 29 Awards / recognitions received at the national and international level by
- Faculty : Nil
  - Doctoral / post doctoral fellows : Nil
  - Students :

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1	Kummari Krishna	Indira Gandhi NSS Award	Government of India	2013 - 2014
2	Kummari Krishna	State level Volunteers NSS Award	Government of A.P.	2013 - 2014
3	Two Students of M.Sc(Mathematics)	Prathibha Award	Government of A.P.	2014 - 2015



**30 Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<i>Sl. No.</i>	<i>Name of the Seminar/ Conference/ Workshop organized</i>	<i>Name of the Director/ Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of out standing partici- pants</i>
1	National seminar on Advanced Techniques in Mathematics and Applied Sciences	Prof. U. Rajeswar Rao	UGC	30 <sup>th</sup> -31 <sup>st</sup> Oct- 2010	100
2	National seminar on Recent Trends in Mathematical Sciences	Prof. U. Rajeswar Rao	University	17 <sup>th</sup> -18 <sup>th</sup> Dec - 2011	200
3	National seminar on recent developments in number theory and graph theory	Prof.A. Mallikarjuna Reddy & Prof.G.Shobhalatha	APSCHE	22 <sup>nd</sup> – 23 <sup>rd</sup> Dec- 2012	75
4	Recent Developments in Algebra and Its Applications to Science and Technology	Prof.A. Mallikarjuna Reddy & Prof.G.Shobhalatha	Uni- versity	29 <sup>th</sup> -30 <sup>th</sup> Nov-2013	150

**31 Code of ethics for research followed by the departments :**

- i) Avoiding duplicity in the selection of research problem
- ii) Ensuring the acknowledgement of the sources including websites in the references
- iii) Obtaining permission from authors to use the information
- iv) Avoiding plagiarism
- v) Inviting eminent Mathematicians and scientists to get information on their experiences in published work.

**32 Student profile programme-wise:**

Name of the programme	Applications received		Selected				Pass percentage			
			Male		Female		Male		Female	
	year	Num ber	M	AM	M	AM	M	AM	M	AM
MSc	2010-11	-	13	11	10	4	85%	89%	80%	85%
	2011-12	-	13	16	17	11	82%	87%	84%	80%
	2012-13	-	11	13	20	17	80%	90%	75%	95%
	2013-14	829	13	08	15	22	79%	85%	80%	78%
	2014-15	846	06	05	24	19	80%	84%	95%	85%
MPhil PhD	2011	300	Full time		Part time					
			08		-					
			12		15					

**33 Diversity of students**

<i>Name of the Programme (refer to Question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
PG programme				
2010-11	70%	30%	-	-
2011-12	65%	35%	5%	-
2012-13	75%	25%	-	-
2013-14	80%	15%	5%	-
2014-15	70%	30%	-	-
M.Phil.	60%	40%	-	-
Ph.D.	60%	30%	10%	

**34 How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of Students</i>					
		<i>NET</i>	<i>SET</i>	<i>GATE</i>	<i>Civil services</i>	<i>State services</i>	<i>Other exam (specify)</i>
1.	2010-11	01	-	-	-	-	-
2.	2011-12	-	03	-	-	-	-
3.	2012-13	01	01	-	-	-	-
4.	2013-14	-	-	-	-	-	-
5.	2014-15	-	-	-	-	-	-

**35 Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	10%
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	10%
Employed	-
Campus selection	-
Other than campus recruitment	30%
Entrepreneurs	-

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	67%
From other universities within the State	33%
From universities in other states	Nil
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**
38. Present details of departmental infrastructural facilities with regard to
- a ) **Library:** 3000 books available in the archives of the department
  - b) **Internet facilities for staff and students :** Well-equipped lab with more than 10 new computer with broadband connection available in all of them
    - \_ All faculties are provided with computers with internet connectivity
    - \_ Staff in the office are also given sufficient number of computers with internet connectivity
  - c) **Total number of class rooms : 4 Class rooms**
  - d) **Class rooms with ICT facility: One Class Room with LCD projector.**
  - e) **Students' laboratories : COMPUTER LAB**
  - f) **Research laboratories : COMPUTER LAB**
39. **List of doctoral, post-doctoral students and Research Associates**
- a) **from the host institution/University : 31**
  - b) **from other institutions/universities : 02**

Sl. No	Name of Research Supervisor	Name of Ph.D awardee
1.	Prof. D. R. V. Prasad Rao	Madhu Sudhana Reddy, Gayatri
2.	Prof. K. Suvarna	P. Pratap Reddy, K. Madusudhan Reddy, Irfana, K. Venkata Siva Reddy, T. Madavi, Y.S. Kalyana Chakravarti, Sreenivashulu
3.	Prof. R. Siva Prasad	V. Ramachandhaiha, Janardan Reddy, P. Sree Lakshmi J. Siva Sankar Rao, Nagaraju, P. Harinatha Reddy
4.	Prof. U. Rajeswar Rao	R. Balakrishna, C. Vasudev, K. Sree Rangavani, P. Vijayalakshmi, V. Ragavendra, V. Suresh Babu, Sushila, Japanisha, Viswanath
5.	Prof. A.Mallikarjuna Reddy	A. Bgya Lakshmi, Saradha devi, K. Umamaheswari
6.	Prof. G. Shobhalatha	J. Ravindra, P. Sreenivasulu Reddy, A.Rajeswari, T. Rami Reddy, Rangaveni, Mrudhula devi

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	-	9	12	1	45
2.	2011-12	-	8	13	1	45
3.	2012-13	2	10	11	1	32
4.	2013-14	2	10	12	2	32
5.	2014-15	-	11	11	1	32

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Nil
42. **Does the department obtain feedback from**
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes, Every year the Department conducts BOS meeting and revise the syllabus according to NET, SLET and Other Courses.
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : The Department considers the feedback ideas of the students on the curriculum and activity. The students data helps the department to revise the syllabus which suits for semester examinations and national level tests.
  - alumni and employers on the programmes offered and how does the Department utilize the feedback?  
Alumni and employers are invited to participate in the workshops and Conferences and their feedback is used in revising the curriculum.
43. **List the distinguished alumni of the department (maximum 10)**
1. Prof.G.Sarojamma, Former Vice Chancellor ,S.P.M.V.V,Tirupathi.
  2. Dr.D.Bharathi,Associate Professor,S.V.University ,Tirupathi.
  3. Dr.V.Sugunamma, Associate Professor,S.V.University,Tirupathi
  4. Dr.C.Jaya Subba Reddy , Assistant Professor,S.V.University, Tirupathi
  5. Dr.P.Srinivasulu Reddy,Assistant Professor,Oman
  6. V.Koti Reddy , CEO of MNC (abroad)
  7. Dr.V.Maheshwara Rao,Assistant Professor ,New Zealand
  8. Dr.K.Katyayani , Assistant Professor, YVU,Kadapa.
  9. Dr. G. Bala Subramanyam, Professor, NIT Warangal
  10. Dr. A. Ramakrishna Prasad, Professor, JNTUH, Hyderabad.
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Prof. G. Radha Krishnamacharyulu, NIT Warangal	National Seminar
2.	2011-12	Prof. P.V.Arunachalam, Rtd. Professor, S.V. University	National Seminar
3.	2012- 13	Prof. K. Basavan Goud, Karnataka University, Dharwad. Prof.J. Hanumatha Chari, Rtd. Professor, SV University, Tirupati	Guest Lectures
4.	2013 -14	Prof. A.M.S. Ramaswamy, Pandichari Centrel University Prof. V. Setharamaiha, Pandichari Engineering College, Pandichari Dr. V. Satish Reddy, Scientist, DRDO - Banglo	National Seminar
5.	2014-15	Prof. P.Ranga Rao, Andhra University, Vizag Prof.B. Maheswari, SPMVV, Tirupati	Guest Lectures

45. List the teaching methods adopted by the faculty for different programmes.:
- Lectures
  - Demonstrative
  - Interactive
  - Analytical and Scientific
  - Interdisciplinary
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Through academic activities like assignments, seminars, periodic tests, tutorials, and feedback
47. Highlight the participation of students and faculty in extension activities.
- The faculty and the department students are collectively arranged a programme on basic concepts of Mathematics that helps the students who appears for Civil services and UGC Exams.
  - The whole department participated on clean and green programmes at nearest places of the department building.
  - The department students actively participated in blood donation programme, which is organised by NSS unit of the University
48. Give details of “beyond syllabus scholarly activities” of the department.
- The department as conducted Mathematical Olympiads, Workshops and training programs
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- The qualified NET, SET and DSC candidates are made to serve as mentors to the students.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths**

1. Highly qualified and competent senior faculty
2. Library with number of books and publications(Back Volumes)
3. Well-equipped computer lab with internet facilities
4. Buildings, furniture, infrastructure – more than sufficient

#### **Weaknesses**

1. Lack of research aptitude among the students
2. Lack of adequate teaching staff
3. Lack of interaction with industry
4. Insufficient financial support
5. Less number of computer applications on the subject concerned

**Opportunities**

1. Demand for qualified and competent candidates for job especially for teaching
2. Tremendous research facility
3. Availability of funding agencies for funding various activities
4. Scope for starting consultancy works in the field of Mathematics

**Challenges**

1. To enhance employability of students
2. Dwindling faculty

52. **Future plans of the department.**

1. To promote collaborative research with Universities abroad and exchange of Ph.D. students.
2. To introduce five years MSc integrated course with innovative thoughts.

**ANNEXURE - I: Details of Publications**

<b>Year</b>	<b>Name of the author</b>	<b>Title</b>	<b>Name of the journal with ISSN No.</b>	<b>Im pact factor</b>
2010-2011	<b>Prof. D.R.V.Prasadh Rao</b>	Non-Darcy convection heat transfer in a vertical channel with constant heat flux	Journal of Pure and Applied Physics, Vol. 22, pp. 69-79	0.228
		Effect of radiation on unsteady hydro magnetic convective heat transfer flow of a viscous fluid through a porous medium in a vertical channel with heat traveling thermal waves and sources.	International Journal of Applied Mathematics and Mechanical 6(154): 51-67, 2010 HI 24	1.37755 10
		Radiation effect on convective transfer through a porous medium in a vertical channel with quadratic temperature variation	International Journal of Applied Mathematics and Mechanical 6(154): 32-50, 2010 HI 24	1.37755 10
		Non-Darcy effects on hydro magnetic convective heat and mass transfer flow of a chemically reacting fluid in a vertical channel with heat generating	International journal of computational science and Mathematics HI 24	1.37755 10
		Computational hydro magnetic mixed convective heat and mass transfer through a porous medium in a non uniformly heated vertical channel with heat sources and dissipation	International journal of Computers and Mathematics with Applications, V.59, 809-811, 2010 HI 24	1.996
		Chemical reaction effect on convective heat and mass transfer in a cylindrical coaxial annulus	International journal of Computational and Applied Mathematics, V.5, No.5, pp.611-620, 2010. HI 24	0.139
		Non-Darcy viscous electrically conducting heat and mass traveling flow through porous medium in a vertical channel in the presence of heat generating porous media	International Journal of Applied Mathematics and Mechanical, 6(15), pp.33-45, 2010 HI 24	1.37755 10
		Finite element analysis thermo diffusion and diffusion - thermo effects on convective heat and mass transfer flow	International Journal of Applied Mathematics and Mechanical, 6(7), pp.43-63, 2010 HI 24	1.37755 10



	through a porous medium in cylindrical annulus in the presence of constant heat sources		
	Finite element analysis thermo diffusion and diffusion – thermo effects on convective heat and mass transfer flow through a porous medium in cylindrical annulus in the presence of constant heat sources	International Journal of Applied Mathematics and Mechanical, 6(7), pp.43-63, 2010 HI 24	1.37755 10
	Non-Darcy mixed convective heat & mass transfer flow of a viscous electrically conducting fluid through porous medium in a circular annulus in the presence of temperature gradient heat sources with sores and dufour effect – A finite element study	International journal of Computational and Applied Mathematics, V.5, No.5, pp 595-609, 2010 HI 24	. 0.139
	Thermo-diffusion and diffusion – thermo effects on convective heat & mass transfer through a porous medium in a circular cylindrical annulus with quadratic Darcy temperature variation a finite element study	International jour of Dynamics of fluids, v.6, No.5, pp.97-106, 2010	1.619
	Combined influence of sores and dufor effects on convective heat and mass transfer flow through a porous medium in cylindrical annulus with heat sources	African journal of Mathematics comp. Sc. Res. No.3,(10), pp.192-210, 2010.	
	Combined effect of dissipation and sores effect on convective heat and mass transfer in a vertical channel with non-uniform temperature	Journal of computer and mathematical sciences, Vo.1 (4), 46-476, 2010.	0.135
	Non-Darcy convective heat transfer in a vertical channel with constant heat flux	Journal of Pure and Applied Physics, V.22, No.1, pp.69-79, 2010	0.228
	Combined effect of sores and temperature dependent heat sources on hydro magnetic convective heat and mass	International Journal of Computer & Mathematical Society, V.1(7), pp. 887-894, 2010	0.135

		transfer flow through a porous medium in a porous cylindrical annulus		
		Effect of radiation on unsteady hydro magnetic convective heat transfer flow of a viscous fluid through a porous medium in a vertical channel with travelling thermal waves and heat sources	International journal of Applied Mathematics and Mechanics, V.6(14); pp: 51-67, 2010. HI 24	1.37755 10
		Computational hydro magnetic mixed convective heat and mass transfer through a porous medium in a non-uniformly heated vertical channel with heat sources and dissipation	International journal of Computers and Mathematics with Applications, V.59, pp: 803-811, 2010, hi 7	1.996
		Convective heat transfer in a rectangular cavity under the influence of radiation, viscous dissipation and temperature gradient dependent heat source	International journal of Electrical, Electronics and Computing Technology, Issue 4, Vol.2, pp: 109 -117, 2011, hi 7	1.75
		Radiation and Thermo-diffusion effect on non-darcian convective heat and mass transfer through a porous medium in a vertical channel	International journal of Electrical, Electronics and Computing Technology, Issue 4, Vol.2, pp: 50-55, 2011, hi 7	1.75
		Finite element analysis of convective heat transfer flow of a micro polar fluid through a porous medium in a vertical channel	International journal of Electrical, Electronics and Computing Technology, Issue 4, Vol.2, pp: 23-28, 2011, hi-7	1.75
	<b>Prof. K. Suvarna</b>	Rings with associators in the commutative center	International Journal of pure & Appl. Physics., vol.22, no.4, pp. 669-670. Pacific - Asian journal of Mathematics, volume 4,no,2	
		Prime derivation alternator rings with commutator in the left nucleus		
		Idempotents in the nucleus of an assosymmetrics ring	International j. of math. Sci&engg. Appls. (IJMSEA) ISSN 0973-9424, VOL. 5 NO.1	
		On rings with alternators in the commutative center	Rev. Bulletin of.Calcuta of	

			Mathematical society, 19(2) 241-246	
<b>Prof. R. Siva Prasad</b>	Hall effects on steady hydro magnetic flow of a couple stress fluid through a composite medium in a rotating parallel plate channel with porous bed on the lower half	Advanced Studies in Contemporary Mathematics, (ISSN 1229-3067), Vol. 20(3), pp. 457 -468.		
	Hydromantic Two – Phase Viscous – Ideal Fluid Flow in a Parallel plate channel under a pulsatile pressure gradient	Begell house inc. – Journals, Vol. 2, Page No. 1-11 ISSN 1064-2277		
	Peristaltic flow of a couple stress fluid in a flexible channel under pressure gradient	International of Applied Mathematics and Mech, 6 (13) 58-71	0.745	
	Peristaltic flow of a second order fluid in a planner flexible channel	International of Applied Mathematics and Mech.	1.37755 10	
	Finite Difference Analysis of magneto hydrodynamic fluid in a vertical channel with plane Poiseuille and couette flows	Global Journal of computational science and mathematics, Vol 1 , No.1, pp 65-79		
	Axisymmetric steady two – phase liquid – gas flow in a coaxial varying cylindrical space bounded internally by a rige pipe	ARPJ Journal of Engineering and Applied Sciences, Vol. 6 No.1 ISSN 1819-6608 Impact Factor 0.1097		
	Unsteady two-phase viscous – ideal fluid flow through a parallel plate channel under a pulsatile pressure gradient subjected to a body acceleration	ARPJ Journal of Engineering and Applied Sciences , Vol. 6 No.1, ISSN 1819-6608 Impact Factor 0.1097		
	<b>Prof. U. Rajeswar Rao</b>			
	Effect of Heat Transfer on Peristaltic Transport of a Newtonian Fluid through a Porous Medium in an Asymmetric Vertical Channel	European Journal of Scientific Research, United Kingdom (U.K), Vol.44, No.1 August -2010, pp.79-92	0.416	
	Peristaltic Pumping of Williamson fluid through a porous medium in a Horizontal channel with heat transfer	American Journal of Scientific and Industrial Research, United States of America (U.S.A), Vol.1, Issue No 3, December 2010, pp. 656-666	0.167 .	
	Influence of magnetic field	ARPJ Journal of	0.74	

		and Heat transfer on Peristaltic flow of Jeffrey Fluid through a Porous medium in an asymmetric channel	Engineering and Applied Sciences, Vol. 5, Issue No. 12, December 2010, pp.87-103, International Journal Information Technology, Vol.3, No.2,pp.126-132, 2010.	
		Performance analysis on AODV and AOMDV Routing Protocol	International Journal Information Technology, Vol.3, No.2,pp.126-132, 2010	1.0285.
		Trust based routing security in MANETS	<i>International journal of Computer science &amp; Information Technology, Vol. 4, No.3, pp.547-553, 2010</i>	0.687
		Performance issues on AODV and AOMDV for MANETS	<i>International journal of Computer science &amp; Information Technologies, Vol. 1, No.2, pp.38-43, June 2010</i>	0.687
		Performance analysis of AODV and DSDV Routing protocol	International Journal of Theoretical and Applied Information Technology, Vol 17, No.2, July 2010	
		Unsteady hydro magnetic mixed convection flow in a vertical channel with travelling thermal wave and Quadratic temperature variation	International Journal of Computer and Mathematical Sciences, Vol.2, No.2, pp.304-314, 2011	2.65
		MHD peristaltic flow of a Newtonian fluid through a porous medium in an asymmetric vertical channel with heat transfer	International Journal of Science and Advanced Technology, Vol. 1, Issue No. 3, pp.1-11, May 2011	3.843
	<b>Prof. A. Mallikarjuna Reddy</b>	Evaluation of Reliability of a power plant with four generators by using Boolean Function Techniques	Journal of Pure and Applied Physics, Vol.No.3,Oct-Dec 2010,pp 443-457, ISSN No. 0975-1041.	

		Evaluation of Reliability of a power plant with aid of Boolean Function Expansion Algorithm	Global Journal of Mathematical Sciences Theory and Practical vol. no.3, issue no.5 (2011) ISSN No. 0974-3200	
	<b>Prof. G. Shobhalatha</b>	Sub shift $C^*$ -Algebras	Journal of Pure & Applied Physics(ISSN:0974-8970), Vol.22,No.3pp.443-449 Vol.22,No.3pp.43-449	2.824
		Sub product systems of Semi groups	International Journal of Applied Mathematics and Physics(ISSN:0974-8059), Vol.2,No.2, pp.231-234	2.072
		Congruence on Semi groups	International journal of Mathematics and Mathematical Sciences , volume 2	0.745
		Congruence on Semirings	Proceedings of International Conference on Advances in Mathematical & Computational Methods, Vol. II, ISBN 978-0381177-04-4	
		Semiprime rings with identity $(x^2, y) - (x, y^2)$ in $2(R)$	" , Proceedings of International Conference on Advances in Mathematical & Computational Methods	
		Commutativity of Semi groups	International Conference on "Advances in Mathematical and Computational Methods, Vol.II, pp.436-439.	
		Congruence on Semi groups	Indian Journal of Mathematics and mathematical Sciences, Vol. 7, No. 1, ISSN 0973-3329	0.745
2011-2012	<b>Prof. K. Suvarna</b>	Nilpotency of right alternative rings with $(xy)z$	Pacific -Asian journal of	

		$=x(zy).$	mathematics, vol.6, no.1, pp. 83-88	
		commutativity of accessible rings.	International journal of mathematical Science & Engineering and its Applications. (IJMSEA) ISSN 0973-9424, vol.. 6, pp. 175-180.	1.318
		Commutativity of semiprime rings with derivations.	International journal of mathematical Science & Engineering and its Applications. (IJMSEA) ISSN 0973-9424, vol. 6, no.v, pp. 329-335	1.318
		Rings with $[x, y^n] - [x^n, y]$ in the center.	International j. of math. Sci&Engg. Appls. (IJMSEA) ISSN 0973-9424, vol. 6, no. v (September, 2012), pp. 31-37.	1.318
		Non associative rings with a derivation	International journal of mathematics Archive-3(10), 2012, 3788-3790.	4.091
		Anticommutative elements in alternative rings.	International journal of mathematics Archive -3(7), 2012, 2646-2650	4.091
	<b>Prof. R. Siva Prasad</b>	Axisymmetric two-phase immiscible viscous fluid flow in a coaxial non uniform cylindrical duct	International journal of Applied Mathematics and Computation, Vol. 4 (2) Page. No. 128-139, ISSN 1064-2277	1.284.
	<b>Prof. U. Rajeswar Rao</b>	Effects of Heat Transfer on the Peristaltic Flow of Jeffrey Fluid through a Porous Medium in a Vertical Annulus	Journal of Basic and Applied Scientific Research Vol. 1, Issue No. 7, pp. 751-758, July 2011	0.227
		Peristaltic flow of a Newtonian fluid through a porous medium in a vertical tube under the effect of a magnetic field	International Journal of Current Scientific Research, Vol. 1, Issue No. 2, pp.105-110, July 2011	
		Radiation Effects on Unsteady Free convection with Mass Transfer In a Walters-B Viscoelastic Flow Past a Semi-infinite	International Journal of Mathematics and Applications, Vol. 5, No 2, 2012	1.217

		Vertical Plate		
		Effect of chemical reaction and radiation absorption on unsteady double diffusive flow in a vertical channel with heat generating sources	International Journal of Applied Mathematics and Mechanics, Vol.8, No.5, pp.12-27, 2012	1.37755 10
		Unsteady convective heat transfer through a porous medium in a horizontal wavy channel with oscillatory flux	PARIPEX-Indian Journal of Research, Vol.2, No.1, pp.120-123, 2013	
	<b>Prof. A. Mallikarjuna Reddy</b>	Neural Network for the Reliability of a three Unit Series Parallel System Subjected to Common- Cause and Human Error Failures	Acta Ciencia India, 2011, ISSN No: 0970-0455.	
		Evaluation of Reliability of a parallel system with multi common-cause Failures and critical Human errors-General and Special Cases	International journal of Statistics and Analysis. Vol.No.1, November 2011, pp 85-92. ISSN No. 2248-9959.	
		Reliability Analysis of Bridge Network with critical and Non-Critical Human Errors	International Journal of Statistics and Systems. Vol.No.6 November 2, 2011, pp 201-207, ISSN No. 0973-2675	
	<b>Prof. G. Shobhalatha</b>	(m,n)- Quasi Gama ideals of Gama Semi groups	Indian Journal of Mathematics and Mathematical Sciences, Volume: 7, ISSN: 0973-3329	0.745 .
		Regular semigroups satisfying the identity $abc = cb''$ ,	proceedings of the national seminar on algebra and its applications, J.M.J college, pp.105-111	
		A Faster Negative cycle Detection Algorithm	Global Journal of Mathematical Sciences" Theory and Sciences, Vol. 3, No. 4, ISSN 0974-3200.	2.38
		Regular semigroups satisfying the identity $ab = a$	International journal of Mathematical Sciences Vol.10, No.3-4, PP.375-381	2.31
		Some properties on left regular semigroups	Proceedings of the international Conference (AMCM-2011), SPM	



			University, Vol.1, pp.85-88	
		Semiring satisfying the identity $a+1 = 1+a = a$ ,	Bulletin of Pure and Applied Sciences Vol.31E (Math & stat.) issue No.1 :pp.63-66.	
		Congruence on regular Semigroups,	International journal of Algebra and statistics vol.1,pp.75-79	0.453.
		Simple Semirings	International journal of Mathematical Sciences Vol. 10, No.3-4	2.31
		Fuzzy Gama ideals of regular Gama semi groups	International Journal of Applied Mathematics and Engineering Sciences, Volume: 6, Number :1, ISSN: 0973-5275	1.745
		Cancellativeleft(Right) regular Semigroups	”, International journal of Algebra and statistics vol.2,pp.98-101	0.453
2012-2013	<b>Prof. K. Suvarna</b>	Commutativity of nonassociative ringswith some identities in the center.	International Journal of Mathematical Archive-3(10), 2012, 3745-3750.	0.491
		Rings with $(x, y, x)$ in the center.	Global journal of pure & Applied mathematics vol.6, no. v (sep-2013).	2.38
		Commutativity of alternative left s-unital rings with $x[x^n, y] = y^r [x, y^m]$ .	International journal of mathematical Archive-4(8), 2013, 241-246.	0.491
		Strong commutativity-preserving derivations on near rings.	International Journal of Mathematical Archive-4(2), 2012, 311-313.	0.491
		Power of derivations on semiprime rings.	International Journal of Scientific & Engineering Research, Volume 4, Issue 6, June-2013,ISSN 2229-5518.	3.2
		Simple $(-1, 1)$ rings.	Asian journal of mathematics and statistics, 2010 ISSN 1994-5418.	
	<b>Prof. R. Siva Prasad</b>	Laminar MHD Flow in the Entrance Region of an Annular Channel	IOSR journal of Mathematics, Vol 3,	1.759

			Issue 1 , PP 40-45	
		Laminar MHD Flow in the Entrance Region of an Plane Channel	International Journal of Advance Research in Engineering & Applied Sciences , Vol 1, No.3	
		Axisymmetric hydromantic two-phase immiscible viscous fluid flow in and annular duct under a radial magnetic field	International Journal of Mathematical Archive, Vol. 4 (1) Page No 36-52	0.491
		Hall current effects on unsteady MHD three dimensional flow of a couple stress fluid through a porous medium in parallel plate channel	International Journal of physics and Mathematical sciences (ISSN 2277-2111) Vol.3, No.1, pp. 18-31	
		MHD Effects on Peristaltic flow of a Bingham Fluid in a channel with permeable walls	International Journal of innovative Technology and Creative Engineering, Vol.3, No.2	
	Prof. U. Rajeswar Rao	Effect of chemical reaction and radiation absorption on unsteady double diffusive flow in a vertical channel with heat generating sources	International Journal of Applied Mathematics and Mechanics, Vol.8, No.5, pp.12-27, 2012.	1.37755 10
		Unsteady convective heat transfer through a porous medium in a horizontal wavy channel with oscillatory flux	PARIPEX-Indian Journal of Research, Vol.2, No.1, pp.120-123, 2013.	
		Dissipation effect on the flow and heat transfer through non-Darcian porous medium in a coaxial duct	International Journal of Applied Mathematics and Mechanics, Vol.9, no.7, pp-1-13, 2013.	1.37755 10
		Effects of Radiation and hall currents on mixed convective heat and mass transfer in a vertical wavy channel	International Journal of Emerging Trends in Engineering and Development, Vol.2, No.3, pp.559-574 2013.	
		Chemical reaction and thermo-diffusion effects on hydromagnetic free convective Walter's memory flow with constant suction and heat sink	International Journal of Mathematical Archive, Vol.4, No.7, pp.94-104, 2013	4.091
		Unsteady convective heat and mass transfer flow in a	International Journal of Mathematical	4.091

		vertical channel with chemical reaction, radiation absorption and dissipation	Archive, Vol.4, No.9, pp.16-28, 2013	
		Effect of radiation absorption and chemical reaction on convective heat and mass transfer flow of Walter's memory fluid over a vertical plate	International Journal of Mathematical Archive, Vol.4, No.9, pp.119-131, 2013	4.091
	<b>Prof. A. Mallikarjuna Reddy</b>	Evaluation of M.T.T.F and Reliability of a Gas Separation Plant with Double Filtration of Gases By Boolean Function Techniques".	International Journal of Mathematical Archive, Vol. No.4, April 2013, pp 320-327.ISSN No 2229 – 5046,	4.09
	<b>Prof. G. Shobha latha</b>	Ordered Properties in Semirings	the Proceedings of International Conference on Mathematics in Engineering and Business Management which is held on March , Volume 2.	
		Some properties in B-lattice semirings	Proceedings of International Conference on CLOUD COMPUTING AND SERVICE ENGINEERING	
		Structures of E-inversive Semigroups	Calcutta Mathematical Society	
		Semi groups satisfying the identity $xyz=xz$	Bulletin of pure and applied sciences Vol.32 E (Maths and Stats)issue no :1	0.847
	<b>Prof. R. Siva Prasad</b>	MHD Run-up flow of Oldroyd-B fluid through a porous medium in a parallel plate channel	Proceedings of 58th Congress of ISTAM	.....
		Free convection in a vertical annular cylinder in porous media with effect of viscous dissipation	International Journal of Electrical Electronics & Computing Technologies, Vol. (9), Issue 1 Page 93-105 ISSN: 229-3027	
		Heat transfer of Unsteady MHD Oscillatory Visco	International Journal of Engineering and	

		elastic flow through a porous medium in a rotating parallel plate channel	sciences , Vol.3, Issue. 5, Pages 01-08	
	<b>Prof. U. RajeswarRao</b>	Unsteady convective heat and mass transfer flow in a vertical channel with chemical reaction, radiation absorption and dissipation	International Journal of Mathematical Archive, Vol.4, No.9, pp.16-28, 2013	0.491
		Effect of radiation absorption and chemical reaction on convective heat and mass transfer flow of Walter's memory fluid over a vertical plate	International Journal of Mathematical Archive, Vol.4, No.9, pp.119-131, 2013	0.491
		Mixed convective heat and mass transfer flow of a viscous fluid in a vertical channel with Thermal radiation and Soret effect	International Journal of Mathematical Archive, Vol.5, No.3, pp.59-70, 2014	0.491
		Non-Darcy convective heat and mass transfer flow in a vertical channel with temperature dependent heat source, radiation and dissipation	International Journal of Mathematical Archive, Vol.5, No.5, pp.238-247, 2014	0.491
		Effect of Radiation, dissipation and thermo-diffusion on convective heat and mass transfer flow of a chemically reacting fluid in a non-uniformly heated vertical channel	International Journal of Mathematical Archive, Vol.5, No.6, pp.35-49, 2014	0.491
		Transient convective heat and mass transfer flow of a chemically reacting viscous fluid in a vertical wavy channel with oscillatory flux with heat sources	International Journal of Emerging Trends in Engineering and Development, Vol.4, No.4, pp.137-150, 2014.	2.87
		Effect of thermo diffusion and chemical reaction on convective heat and mass transfer flow of a rotating micro polar fluid with Hall effect past a vertical plate	International Journal of Advanced Scientific and Technical Research, Vol.3, No.4, pp.585-597, 2014	2.94
		Effect of non-linear density temperature variation on Mixed convective heat and mass transfer flow of a Jeffrey's fluid through a porous medium in concentric cylindrical	International Journal of Mathematical Archive, Vol.5, No.7, pp.162-171, 2014	0.491

		annulus		
	<b>Prof. A. Mallikarjuna Reddy</b>	Probabilistic Analysis of a three unit series parallel system with common-cause and human error Failures -Special cases of Gamma Distribution	International journal of Mathematical Archive 5(5), 2014, 272-286. May 2014, ISSN No. 2229-5046,	4.09
		"Simulation four Component Series-Parallel System".	International journal of Emerging Trends in Engineering and Developments. vol. no.3, issue no.4 May 2014 ISSN No. 2249-6149,	2.87
		"Probabilistic Behaviour of Redundant complex system with Imperfect switching, Environmental Common-Cause and Human error Effects under Head-of-Line Repair Discipline".	International journal of Engineering Research and Applications. Vol.No.4, Issue No.6, June 2014, ISSN No. 2248-9622,	1.69
	<b>Prof. G. Shobhalatha</b>	PROPERTIES OF VARIANTS OF SEMIGROUPS	Asian Journal of Current Engineering and Maths 2: 4 281 - 282	2.367
		Semirings satisfying the identity $a+b+ab=a$	International journal of Mathematical Science and Engineering Applications (IJMSEA) ISSN 0973-9424 Vol.7	1.318
		ON BIT-IDEALS OF T-SEMI GROUPS	International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 8	1.318
		On Fuzzy Interior Gamma - Ideals Of gamma - Semi Groups	IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN:2319-765X. Volume 10, Issue 3	1.759.
	<b>Prof. R. Siva Prasad</b>	MHD free convection flow through porous medium in a vertical channel	i-managers journal of mathematics, Vol.3, No.3	
		Natural connective MHD Heat Mass Transfer flow through porous medium with rotation	International Journal of Mathematics Archive, Vol.5 Page. 8-16	0.491
		Oscillatory flow of a fluid between two infinite plates with and effect of heat transfer	International Journal of Mathematical Archive, Vol.5 (9) Page. 222-229.	0.491

		Free connective fully developed flow of Williamson fluid in a vertical channel with an effect of inclined magnetic field	Journal of Computer and Mathematical Sciences, Vol. 5 (5) Page. 412- 420	
		Free and Forced connective flow a second grade fluid in a vertical channel with the effects of Radiation and Magnetic field	International Journal of Mathematics Sciences and Engg applications, Vol. 8, No. 1 Page 183-196	1.318
		On properties and implication for conditional chromatic number of Graphs	International Journal of Mathematical Archive, Vol. 5 (9) Page 22-26	0.491
		On chromatic number calculation of Generated Graphs	International Journal of Mathematical Archive, Vol5(9) Page 144 -146	0.491
		On value of conditional chromatic number of the Hamiltonian Graphs	International Journal of Mathematics Archive, Vol. 5 (9) Page 153-157	0.491
		Unsteady MHD flow through porous medium in a rotating parallel plate channel	International Journal of Advanced Scientific and Technology Research, Vol 4 Issue .5 Page 643	2.94
		Hall current effects on steady hydro magnetic rotating flow of a viscous incompressible fluid through a porous medium in a parallel plate channel with radiative heat transfer	Journal of research in applied athematics, Vol.2, Issue 2, pp 01-11	
<b>Prof. U. Rajeswar Rao</b>		Effect of chemical reaction and radiation absorption on mixed convective heat and mass transfer flow of a Jeffrey's fluid in a cylindrical annulus with heat generating sources and non-linear density-temperature relation	International Journal of Mathematical Archive, Vol.5, No.9, pp.158-168, 2014	0.491
		Effect of chemical reaction and radiation absorption on unsteady convective heat and mass transfer in a vertical wavy channel with heat sources	International Journal of Mathematical Archive, Vol.6, No.2, pp.42-53, 2015	0.491
		Effect of magnetic field on unsteady convective heat and mass transfer flow in a vertical wavy channel with	International Journal of Mathematical Archive, Vol.6, No.3, pp.66-77, 2015	0.491

		oscillatory flux with radiation absorption		
		Non-Darcy convective heat and mass transfer flow in a concentric cylindrical annulus with non-linear density temperature variation and outer cylinder and maintained at constant heat flux	International Journal of Emerging Trends in Engineering and Development, Vol.2, No.5, pp.164-179, 2015.	2.87
		MHD Transient free convection and chemically reactive flow past a porous vertical plate with radiation and temperature gradient dependent heat source in slip flow regime	International Journal of Emerging Trends in Engineering and Development, Vol.2, No.5, pp.198-208, 2015	2.87
		Effect of thermal Radiation and Thermo diffusion on convective heat and mass transfer flow in a vertical channel with chemical reaction and periodic permeability	International Journal of Advanced Scientific and Technical Research, Vol.3, No.5, pp.254-264, 2015	2.94
	<b>Prof. A. Mallikarjuna Reddy</b>	"Cycle Dominating Sets of Euler Totient Cayley Graphs".	Mathematical Sciences International Research Journal, Vol. No.3, Issue No.2, Aug 2014, ISSN No. 2278-8697	
		Neural Network for the Reliability Analysis of a Series-Parallel System Subjected to Finite Common-Cause and Finite Human error Failures	International journal of Advanced Research in Engineering and Technology. Vol. 5, Issue No.12, December 2014, ISSN NO. 0976-6499	7.82
		"Evaluation of Reliability of a parallel system with multi common-cause, Environmental Failure and Critical Human error- General and Special cases".	International journal of Emerging Trends in Engineering and Developments. Vol. No.1, Issue No.5, Dec-Jan 2015, ISSN No 2249-6149	3.22
	<b>Prof. G. Shobhalatha</b>	On Fuzzy Weakly Completely Prime - Ideals of Ternary - Semi groups,	International Journal of mathematical archive-5(5), 254-258	4.091
		Characterization of Zero Divisor Graphs of Connected Rings	Mathematical Sciences International Research Journal: Volume 3, ISSN	2.089



			2278-8697	
		Ideals in regular po $\Gamma$ -ternary semi groups	International Journal of Research in Engineering and Technology, Volume: 04 Issue: 04 eISSN: 2319-1163	2.375.

## Department of Physical Education and Sports & Games

1. **Name of the Department** : **Physical Education And Sports & Games**
2. **Year of establishment** : **1991**
3. **Is the Department part of a School/Faculty of the University?** : **YES, Faculty of Physical Sciences**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

**Research** : **Ph.D and M.Phil**

**P.G.** : **Master of Physical Education (M.P.Ed.) – Self-Finance**

5. **Interdisciplinary programmes and departments involved**

Sl. No.	Title of OE Paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Modern Concepts of Yoga	35	53	1. Chemistry 2. Computer Science 3. Mathematics 4. Statistics 5. Biotechnology 6. Botany 7. Sericulture 8. Zoology
OE-2	Nutrition and Wellness	--	42	1. Chemistry 2. Mathematics 3. Microbiology 4. Sericulture 5. Statistics 6. Zoology

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
**NIL**
7. **Details of programmes discontinued, if any, with reasons:**  
**Master of Physical Education – Summer Course** – was discontinued due the norms of NCTE
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
**Semester with Choice Based Credit System**

9. **Participation of the Department in the Courses offered by other Departments**

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
II Semester				
1.	Adult Education	Human Resource Development	22	32
2.	Statistics	Statistical Methods - I	08	02
3.	Rural Development	Rural Development Policies and Programmes in India	04	--
4.	Social Work	Social Legislation in India	02	--
5.	Political Science	Centre State Relations in India	02	--
6.	History	National Movement	--	02
III Semester				
1	Adult Education	Career Guidelines and Counseling	--	31
2	Rural Development	Non Governmental Organizations and Participatory approaches for Rural Development	--	04
3	Computer Science	Green IT	--	02

10. **Number of Teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor / Director	01	--	--
Asst. Director	02	01	01
Associate Professor	-	--	--
Asst. Professor	01#	01	01
Others (Teaching Assistants)	---	--	02

# UGC X Plan Post continued as per Govt. Orders

11. **Faculty Profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 Years
Dr. M.V. Srinivasan	M.P.Ed., M.Phil., Ph.D.	Assistant Professor	1. Science of Sports Training 2. Exercise Physiology 3. Biomechanics of Sports	10 years	Ph.D. - 07 M.Phil. - 11

			4. Research and Statistics in Physical Education		
Dr. B. Jessy	M.P.Ed., M.Phil., Ph.D.	Assistant Director	Exercisse Physiology	09 Years	M.Phil. – 01

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil  
But Senior Faculty members from different universities in India and from other countries and also Senior coaches from Sports Authority of India and Sports Authority of Andhra Pradesh have been invited to give Guest Lectures to MPED students regularly. – List enclosed in Annexure II

13. **Percentage of classes taken by Temporary Faculty – programme-wise information:**  
Dr. C. Kiranchakravarthi, Teaching Assistant (w.e.f. 2006-07)  
1. Dr. K. Sunil Kumar, Teaching Assistant (2012-13)  
2. Ms. B. Vijayalakshmi, Teaching Assistant (w.e.f. 2012-13)

Year	Programme (UG/PG)	No. of Temporary Faculty Engaged	Percentage of classes taken
2010-11	M.P.Ed (PG)	02	40
2011-12	M.P.Ed (PG)	02	40
2012-13	M.P.Ed (PG)	03	60
2013-14	M.P.Ed (PG)	02	40
2014-15	M.P.Ed (PG)	02	40

14. **Programme-wise Student Teacher Ratio**  
**1:20** (including Teaching Assistants, Guest Faculty and Guest Coaches)

Year	Programme (UG/PG)	Student-Teacher Ratio
2010-11	M.P.Ed (PG)	1:20
2011-12	M.P.Ed (PG)	1:20
2012-13	M.P.Ed (PG)	1:20
2013-14	M.P.Ed (PG)	1:20
2014-15	M.P.Ed (PG)	1:20

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :**

Sl. No.	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1	Coaches	03	-	-
2	Junior Assistant	01	-	01
3	Marker	01	-	01
4	Attender	02	-	04

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research Thrust Area</i>	<i>Name(s) of the funding agency</i>
1.	Science of Sports Training	UGC
2.	Physiology of Exercise	UGC
3.	Sports Medicine	UGC
4.	Sports Psychology	UGC
5.	Test, Measurement and Evaluation in Physical Education and Sports Sciences	UGC
6.	Sports Journalism and Mass Media Communications	UGC

17. Number of faculty with **ongoing projects** from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **NIL**

18. Inter-institutional **collaborative projects** and associated grants received : **NIL**  
a) National collaboration      b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

<i>Sl. No.</i>	<i>Name of the Project</i>	<i>Funding Agency</i>	<i>Period</i>	<i>Grants Received (Rs. Lakhs)</i>
1.	<b>Non-SAP</b> (Lr. F. No. 4-7/2009(BSR)/11-127/2009(BSR), dt. 02-03-2009)	UGC	--	20.0
2.	Non-SAP Lr.No.F.4-1/2006(BSR/11-27/2008(BSR), dt. 23-01-2012	UGC	2011-12	3.6
3.	Non-SAP Lr. No.F.11-127/2008 (BSR), dt. 24-01-2014	UGC	2013-14	3.6

20. Research facility/centre with : **Nil**

- state recognition :
- national recognition : **YES**
- international recognition

21. Special research laboratories sponsored by/created by industry or corporate bodies : **NIL**

22. **Publications:** (Détails vide Annexure-I)

<i>Sl. No.</i>	<i>Particulars</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>
1	Number of papers published in peer reviewed journals:					
a)	National	--	01	03	01	03
b)	International	02	--	12	02	09
2	Monographs	--	--	--	--	--

**Sri Krishnadevaraya University, Ananthapuramu**

3	Chapters in Books	--	--	--	--	--
4	Edited Books	--	--	--	--	--
5	Text/ Reference books	--	--	03	--	02
6	Number listed in International Database	--	--	--	--	--
7	Citation Index - range / average	--	--	--	--	--
8	Impact Factor - range / average					
9	h-index					

- 23 Details of **patents** and income generated : **Nil**
- 24 **Areas of consultancy** and income generated : **Nil**
- 25 Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad : **Nil**
- 26 **Faculty serving in**
- a) National committees b) International committees c) Editorial Boards d) any other (please specify) : **Nil**
- 27 **Faculty recharging strategies** (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

Sl. No.	Name of the Faculty member	Name of the Programme attended	Dates
1.	Dr. M.V. Srinivasan	Orientation Programme (UGC Academic Staff College, S.V. University, Tirupati)	04-05-2009 to 30-05-2009 (4 weeks)
2.	Dr. B. Jessy	Refresher course (UGC Academic Staff College, Andhra University, Vizag)	22-10-2010 to 11-11-2010 (4 weeks)
3.	Dr. M.V. Srinivasan	Refresher Course (HRDC Academic Staff College, S.V. University, Tirupati)	01-06-2015 to 20-06-2015 (3 weeks)

- 28 **Student projects** :
- percentage of students who have done in-house projects including inter-departmental projects - **MPed IV Semester Students - 100 %**
  - percentage of students doing projects in collaboration with other universities/industry /institute - **Nil**
- 29 **Awards / recognitions** received at the national and international level by : **NIL**
- Faculty
  - Doctoral / post doctoral fellows :
  - Students

30 Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any. Nil

- 31 Code of **ethics for research** followed by the departments
- Avoiding duplicity in the selection of research problem
  - Since all the men and women subjects have to involve into the intensive physical and mental exertion, human rights are being followed.
  - Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission form authors to use the information
  - Avoiding plagiarism
  - Use of data collected from the respondents strictly for research purpose only.

32 **Student profile** programme-wise:

Name of the Programme (Refer to Question No.4)	Applications Received	Selected		Pass Percentage (%)	
		Male	Female	Male	Female
Master of Physical Education (MPed.)					
2010-2011	212	28	12	100	100
2011-2012	253	35	05	100	100
2012-2013	346	28	12	100	100
2013-2014	273	32	08	100	100
2014-2015	365	32	08	100	100
Ph.D					
2010-2011	26	06	--	100	--

33 **Diversity of students**

Name of the Programme (refer to question no. 4)	% of Students from the same University	% of Students from other Universities within the State	% of Students from Universities outside the State	% of Students from other Countries
<b>PG (M.P.Ed.)</b>				
2010-11	64	36	-	-
2011-12	72	28	-	-
2012-13	68	32	-	-
2013-14	36	60	04	-
2014-15	40	60	-	-

34 How many **students have cleared** Civil Services and Defense Services examinations, **NET, SET, GATE** and other competitive examinations? Give details category-wise.

Year	APSET	NET
2010-11	--	02
2011-12	--	05
2012-13	45	09
2013-14	21	03
2014-15	15	04



**35 Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	07
Ph.D. to Post-Doctoral	--
Employed	20
<input type="checkbox"/> Campus selection	60
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	-

**36 Diversity of Staff**

<i>Percentage of faculty who are graduates</i>	
of the same University	--
from other universities within the State	100%
from universities from other States from	--
universities outside the country	

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period. - **NIL**

38 Present details of **Departmental infrastructural facilities** with regard to

- a) Library : **YES (2012 Books)**
- b) Internet facilities for staff and students : **YES**
- c) Total number of class rooms : **02**
- d) Class rooms with ICT facility : **Yes - 01**
- e) Students' laboratories : **No**
- f) Research laboratories : **No**
- g) Gymnasium for Boys : **Yes**
- h) Stadium : **Tracks, Foot Ball, Hockey, Basketbal, Volley Ball Courts, Kho-Kho, Kabadi, Ball Badminton Play courts are available**

39 List of doctoral, post-doctoral students and Research Associates : **NIL**

- a) from the host institution/University : **--**
- b) from other institutions/universities : **--**

40 Number of post graduate **students getting financial assistance** from the University

<i>Sl. No</i>	<i>Year</i>	<i>No. of students obtaining</i>				
		<i>SC/ST scholarship</i>	<i>OBC scholarship</i>	<i>Minority scholarship</i>	<i>Fees reimburse ment</i>	<i>RDT Scholar-ship</i>
1.	2010-11	04	19	01	22	08
2.	2011-12	13	28	--	37	11
3.	2012-13	10	14	03	26	13
4.	2013-14	08	19	01	25	14
5.	2014-15	11	32	02	14	16

More than 30% of the MPED students are getting financial assistance from Rural Development Trust (RDT), Anantapuramu every year.

- 41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : **No**
- 42 Does the department obtain feedback from : **Yes**
- a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : **Yes**  
Every year the Department conducts BOS Meeting in Physical Education and the curriculum and syllabus for MPED course has been revising once in two years based on the feedback from the staff and also to meet the academic standards and also for success of students in SET, NET, JRF and other competitive examinations.
- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Based on the feedback from the students the curriculum and syllabus for MPED course has been revising frequently to meet the need of the students. Methods of teaching and coaching different skills in games and sports are also modifying as per the students' interests.
- c) alumni and employers on the programmes offered and how does the department utilize the feedback? : **No**
- 43 List the **distinguished alumni** of the department (maximum 10) :  
Prof. N.S. Dilip - JNTU, Hyderabad  
Dr. Ravi Kumar - NIT, Warangal  
Dr. P. Johnson - Acharya Nagarjuna University, Guntur  
Dr. Sivasankar Reddy - S.V. University, Tirupati  
Dr. Kareemulla - Dravidian University, Kuppam  
Dr. S. Chan Basha - Yogi Vemana University, Kadapa  
Dr. Srinivasa Rao - Krishna University, Machalipatnam  
Mr. G. Syam Kumar - JNTU, Kakinada  
Ms. G. Hari Priya - Sri Venkateswara Veterinary University, Tirupati  
Mr. K. Sunil Kumar - Wolaita Sodu Univesity, Ethiopia  
Mr. Syed Kaleemulla - Bahirdar University, Ethiopia
- 44 Give details of **student enrichment programmes** (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
			<b>Invited Talk on</b>
1.	2010-11	1. Prof. Y. Kishore 2. Sri D. Jagannatha Reddy	Research in Physical Education Teaching and Coaching Football
2.	2011-12	1. Prof. Sundara Raj Urs 2. Sri K.V. Ramana Rao	Biomechanics of Sports Teaching and Coaching Volleyball
3.	2012-13	1. Prof. Venkata Reddy 2. Sri G. Sathyanarayana	Physiology of Exercise Teaching and Coaching Kho-Kho

4.	2013-14	1. Dr. K.V. Rajasekhar 2. Sri C.L.N. Reddy 3. Dr. M. Sreevas Reddy	Fitness and Wellness Teaching and Coaching Athletics Teaching and Coaching Cricket
5.	2014-15	1. Dr. P. Johnson 2. Dr. K. Ramasubba Reddy 3. Sri Lakshminarayana	Test, Measurement and Evaluation in Physical Education Science of Sports Training Teaching and Coaching Hockey

- 45 **List the teaching methods adopted by the faculty for different programmes.**  
 a) Lecture Method  
 b) Demonstrative Method  
 c) Comparative Method  
 d) Analysis Method  
 e) Interrogative Method &  
 f) Scientific Method
- 46 **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**  
  
 Through Seminar, Assignments and conducting the Examinations both in Theory and Practicals
- 47 **Highlight the participation of students and faculty in extension activities.**  
  
 ➤ Organized various Physical and Mental fitness programmes by conducting courses in Yoga, Martial Arts and Other Co-curricular Activities.  
 ➤ Imparting available knowledge of Physical Education to Public regarding their Health.  
 ➤ Testing the capabilities of Physical Fitness components of various sports persons.  
 ➤ Staff and students are performing duties as Officials and Technical Managers in various Tournaments.  
 ➤ Creating awareness of Physical Education and Health among society.  
 ➤ Counseling in various games and sports are conducted to the school students of various age groups of Anantapur town.
- 48 **Give details of “beyond syllabus scholarly activities” of the department :**  
 ▪ Conducting Health Awareness Programmes nearby villages of S.K. University.  
 ▪ Meetings are conducted outside the class work to counsel students on career plans, health, and other related matters.
- 49 **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. :**  
 Recognized by National Council for Teacher Education (NCTE) vide No.SRC/NCTE/2009/M.P.ED/RO/14897-APS03255, dated 30-07-2009.
- 50 **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
 a) Department of Physical Education and Sports Sciences is producing qualified, well knowledged and highly skilled Physical Education Teachers to the Society at various levels and also promoting Health, Physical fitness, and sports among the student community.

- b) A substantial number of MPED students got jobs as PETs, Physical Directors and Assistant Professor/Director of Physical Education in Government Schools, Junior Colleges, Degree Colleges, Engineering Colleges and Universities. The remaining students were absorbed by private schools and colleges (100%).
- c) In most of the Universities in Andhra Pradesh and Telangana, the Department of Physical Educations are headed by the students of this Department.
- d) The department staff hardly works to encourage for NET or SET Examinations.
- e) To encourage the students for preparation of DSC/APSET/NET/JRF Examinations.
- f) Many students of the Department participated at various levels in various sports and games competitions as players and officials.
- g) Research in the areas of Health Maintenance, Sports Training Methods, and Physiology of Exercise is being pursued.
- h) The members of the faculty and the research scholars actively participated in workshops, seminars, and conferences.
- i) The students of MPED course are sent to various institutions to conduct extensive teaching and training programmes.
- j) The Teaching Assistants and the students acted as Dope Testing Marshals and Volunteers National Games, Inter-University Competitions, etc.
- k) The students are sent to act as Officials and Referees to many tournaments to gain experience in officiating and organizing various tournaments.

51 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

- 1. The Department is producing qualified Teachers in Physical Education and Sports Sciences.
- 2. The Department is providing Sports facilities for all the students of the University.
- 3. The Department is the Centre for Research Activities in Physical Education, Sports and Health Sciences.
- 4. It is Centre for treating Sports Injuries and Rehabilitation
- 5. The Department is serving as Centre for Fitness and Yoga to the students of other departments in the University and also for staff members of the University.

**Weaknesses:**

- 1. Lack of Teaching Staff and Non-teaching Staff
- 2. Insufficient Financial Support
- 3. Inadequate Infrastructure - Buildings, Play fields, Multi Purpose Indoor Stadium and Sanitation
- 4. Insufficient Laboratories and Equipment for Research
- 5. The Department did not have Synthetic outdoor Track and Playfields

**Opportunities:**

- 1. Able Man power for Sports Event Management
- 2. Publication of Journals

3. To form Walking club, Fitness club and Recreation club.
4. Strengthen Alumni Association
5. Interdisciplinary Research
6. Promotion of Yoga

**Challenges:**

1. To attract high caliber students
2. Develop awareness among students, teachers and public on health and fitness.
3. Motivate the residential students of the University for the best utilization of available sports facilities in the Department.
4. Financial restraints
5. Best utilization of other available facilities of the University.

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**Future plans of the Department:**

- Establishment of New Trends in Physical Education, Sports and Health Sciences
- Imparting New Teaching, Training and Coaching Methods
- Conducting Orientation Classes, Clinics and Workshops
- Establishment of valid Research in Physical Education, Sports and Health Sciences.
- Establishment of Multi Gymnasium

**Annexure-I: List of Publications**

**Dr. M. V. Srinivasan, Assistant Professor - Papers published in peer reviewed journals (national/ international)**

1. "Effects of Endurance Training and Resistance Training in Series and Parallel on Maximal Cardio Vascular Parameters Among Men", Asian Journal of Physical Education and Computer Science in Sports, Vol. 1, No.1, ISSN 0975-7732, (January – June, 2010).
2. "Effect of Conditioning Exercise on Physical and Physiological Variables of Under-19 Cricket Players", Asian Journal Physical Education and Computer Science in Sports, Vol. 1, No.1, ISSN 0975-7732, (January – June, 2010).
3. "Effects of Different Exercise Training Protocols on Triglyride Levels among Middle Aged Men", NAPERSS – Journal of Physical Education and Sports Science, ISSN 2229-7049, Vol.-II (2012).
4. "Morphological, Nutritional and Health Related Physical Fitness Status of Slum Area School Students in Anantapur Town", Asian Journal of Physical Education and Computer Science in Sports, Vol. 8, No.2 , ISSN 097 5-7732, Impact Factor 0.5190 (January – June, 2013).
5. "Effect of 12 Weeks Yogic Training on Selected Variable on Middle Aged Walkers", Asian Journal of Physical of Physical Education and Computer Science in Sports, Vol. 8, No.2, ISSN 0975-7732, Impact Factor 0.5190, (January – June, 2013).
6. "Analysis on the Effects of Different Circuit Weight Training Protocols on Blood Lactate, Heart Rate and Rating of Perceived Exertion in Recreationally Active Women", Asian Journal of Physical Education and Computer Science in Sports, Vol. 8, No.2, ISSN 0975-7732, Impact Factor 0.5190, (January – June, 2013).
7. "Role of Physiotherapist in Sports Injuries and Rehabilitation", Asian Journal of Physical Education and Computer Science in Sports, Vol. 8, No. 2, ISSN 0975-7732, Impact Factor 0.5190, (January – June, 2013).
8. "Effects of Interval Training, Circuit Training and Combined Trainings on Selected Physical Fitness Variables and Performance Variables among Football Players", Asian Journal of Physical Education and Computer Science in Sports, Vol. 8, No.2, ISSN 0975-7732, Impact Factor 0.5190, (January – June, 2013).
9. "Effects of Progressive Plyometric Training and Reversibility Preceded by Progressive Ploymetric Training on Selected Elastic Strength Parameters", Asian Journal of Physical Education and Computer Science in Sports, Vol. 8, No.2, ISSN 0975-7732, Impact Factor 0.5190, (January – June, 2013).
10. "Effects of Different Intensities of Aerobic Running on the Resting State Blood Glucose, Platelet Account and Plasma Fibrinogen among Type II Diabetics", International Journal of Health, Physical Education & Computer Science in Sports, Vol. 11, Issue No.01, ISSN 2231-3265, Impact factor 0.624, (July - September, 2013).
11. "Effects of Different Intensities of Aerobic Running on the Resting State Blood Glucose, Platelet Account and Plasma Fibrinogen among Type II Diabetics", International Journal of Multidisciplinary Educational Research, Vol. 02, Issue 11(1), ISSN 2277-7881, Impact Factor 2.735, (October, 2013).
12. "Effect of Diet and Exercise on Quality Life and Fitness Parameters among Obese Individuals", International Journal of Multidisciplinary Educational Research, Vol. 02, Issue 12(2), ISSN 2277-7881, Impact Factor 2.735, IC Value 5.16, (November, 2013).



13. "Effects of Resistance Training and Circuit Training in Series and Parallel on Selected Cardio-vascular Parameters", International Journal of Multidisciplinary Educational Research, Vol. 02, Issue 12(2), ISSN 2277-7881, Impact Factor 2.735, IC Value 5.16, (November, 2013).
14. "Effect of Resistance Training and Circuit Training in Series and Parallel on Selected Cardio-Vascular Parameters" in the International Journal of Multidisciplinary Educational Research with ISSN 2277-7881, Vol. 2, Issue 12 (2), November, 2013.
15. "Effects of Three Modified Plyometric Depth Jumps and Periodized Weight Training on Lower Extremity Power" in the International Journal of Multidisciplinary Educational Research with ISSN 2277-7881, Vol. 2, Issue 12 (2), November, 2013.
16. "The Effects of Psycho-Physiologic Self-Regulation on Running Economy", International Journal of Health, Physical Education & Computer Science in Sports, ISSN 2231-3265, Vol. 12, Issue No.01, Impact factor 0.624, (October - December, 2013).
17. "Comparison of Exercise Responses of Patients with Cardiac Transplantation Using 3 and 6 Minute Stage Duration Protocols", International Journal of Multidisciplinary Educational Research, Vol. 02, Issue 13(3), ISSN 2277-7881, Impact Factor 2.735, IC Value 5.16, (December, 2013).
18. "The Reliability of A Run to Exhaustion : Sports Performance", International Journal of Health, Physical Education & Computer Science in Sports, Vol. 13, Issue 1, ISSN 2231-3265, (Jan - March, 2014).
19. "Role of Physiotherapy in Management Treatment and Rehabilitation of Ankle Injuries" in the International Congress on Renaissance in Sports-Strategies, Challenges and Choices with ISSN 978-81-908942-2-7, ICRS, 2014.
20. "Effect of Aerobic Training on Quality of Life and Fitness Parameters among Obese Adolescents" in the International Journal of Multidisciplinary Educational Research With ISSN 2277-7881, IJMER, Volume 3, Issue 8(2), Impact Factor: 2.735, IC Value: 5.16, August, 2014.
21. "Physical activity and its effect on forced expiratory volume" in the International journal of Health, Physical Education and Computer Science in Sports. ISSN No: 2231-3265 Vol-15, No:1 July 2014 to September, 2014
22. "A Perceptive on Running Exercise Prescription" in the International Journal **IJMER** with ISSN 2277-7881, Volume 4, Issue 4 (3), , Impact Factor 2.972, IC Value: 5.16, January, 2015
23. "Physiological Characteristics of Long Term Bikram Yoga Practitioners" in the International Journal **IJMER** with ISSN 2277-7881, Volume 4, Issue 4 (3), , Impact Factor 2.972, IC Value: 5.16, January, 2015
24. "Effects of Music on Enhancement of Aerobic and Anaerobic Performance" in the in International Journal of Physical Education with ISSN 0974-2638, Volume: 8, Issue 1, April- 2015
25. "The Physiological Responses of Yogic Breathing Technique: A Case Study" in the International Journal with ISSN 2277-7881, Volume 4, Issue 5 (1), Impact Factor 2.972, IC Value: 5.16, ISI Value: 2.286 May, 2015,
26. "Effects of Ultrasound Therapy, Ultrasound Therapy with Taping PNF Training and PNF Training with Taping in Treatment and Rehabilitation of Sports Injuries of Inversion Ankle Sprain" in the International Journal of Recent Research and Applied Studies with ISSN 2349-4891, Volume 2, Issue 4, 2015.
27. "Effects of Ultrasound Therapy, Ultrasound Therapy with Taping PNF Training and PNF Training with Taping in Treatment and Rehabilitation of Sports Injuries of High Ankle Sprain" in the International Research Journal on Health Fitness and Sports Sciences with ISSN 2320-5202, , Volume 3, Issue 1, April, 2015.



28. "The Influence of Socio-Cultural, Political and Religious Factors on Sports in Indian Society" in the International Journal Engineering Research and Sports Science With ISSN 2348-2400, IJERSS, Volume 2, Issue 4, Impact Factor: 0.621, April, 2015.
29. "A study on Effects of Aerobic Dance and Plyometric Training on Motor Ability of Cricket Players" with ISSN 2277-7881, Vol..4, Issue 5(1). (May, 2015)
30. "Effect of Aerobics, Step Aerobics and Combined Aerobics and Step Aerobics on selected Physical Fitness Variables among School Girls with ISSN 2349-2015, Vol. 3, Issue - 5, May- 2015.
31. "Comparative Study of Self Confidence between Football Players and Athletes" in the International Journal of Health, Physical Education and Computer Science in Sports with ISSN 2231-3265, Volume 18, Issue 2, July, 2015.
32. "A Study on the Physical Fitness Among Basketball Players and Handball Players of Sri Krishnadevaraya University" in the International Journal of Health, Physical Education and Computer Science in Sports with ISSN 2231-3265, Volume 18, Issue 2, July, 2015.
33. "Effects of Pranayama and Yogasanas on Apolipoproteins, Lipid Profile and Atherogenic Index in Healthy Subjects" in the International Journal of Recent Research and Applied Studies (Multidisciplinary Open Access Refereed e-Journal) with ISSN 2349-4891, Volume 2, Issue 8 (3), August, 2015.

**Books published:**

1. *"Research Methods in Physical Education"*, Swastik Publications, ISBN 978-93-81991-12-1, New Delhi, 2013.
2. *"Hand Book of Physical Education"*, Swastik Publications, ISBN 978-93-81991-13-8, New Delhi, 2013.
3. *"Science of Sports Training"*, Swastik Publications, ISBN 978-93-81991-14-5, New Delhi, 2013.
4. *"Biomechanics and Applied Kinesiology"*, Navayug Book International, ISBN 948-93-82974-04-8, Delhi, 2014.
5. *"Sports Psychology"*, Navayug Book International, ISBN 948-93-82974-14-7, Delhi, 2014.
6. *"Research in Health and Physical Education"*, Astha Publishers and Distributors, ISBN 978-93-82126-79-9, Delhi, 2015.

***Annexure-II: List of Guest Faculty***

***Faculty from within the Country***

<b><i>Sl. No.</i></b>	<b><i>Name</i></b>	<b><i>Institution and Place</i></b>
1.	Prof. Y. Kishore	Dean Faculty of Physical Education and Sports Sciences, Acharya Nagarjuna University, Guntur.
2.	Prof. Sundar Raj Urs	Principal and Chairman, University College of Physical Education, Bangalore University, Bengaluru.
3.	Prof. Grace Halena	Vice Chancellor, Tamil Nadu Physical Education and Sports University, Chennai.
4.	Prof. C.S. Prasad Babu	Director of Physical Education, S.V. University, Tirupati.
5.	Dr. P. Johnson	Principal, University College of Physical Education and Sports Sciences, Acharya Nagarjuna University, Guntur.
6.	Prof. Syam Babu	Head, Department of Physical Education and Sports Sciences, Andhra University, Visakapatnam.
7.	Prof. Venkat Reddy	Principal, University College of Physical Education, Osmania University, Guntur.
8.	Dr. K.V. Rajasekhar, Head	Department of Physical Education, University of Hyderabad, Hyderabad.
9.	Dr. K. Ramasubba Reddy	Coordinator, Department of Physical Education and Sports Sciences, Yogi Vemana University, Kadapa.
10.	Prof. R. Sreenivas	Professor of Physical Education, University College of Physical Education, Bangalore University, Bengaluru.
11.	Prof. N.S. Dilip	Professor, Department of Physical Education, JNT University, Hyderabad.
12.	Prof. P. Gopinath, Professor	Department of Physical Education and Sports Sciences, Annamalai University, Chidambaram, Tamil Nadu

***Faculty from outside the Country***

<b><i>Sl. No.</i></b>	<b><i>Name</i></b>	<b><i>Institution and Place</i></b>
1	Dr. P. Sunil Kumar	Assistant Professor in Physical Education, Wolaita Soddu University, Assosa, Ethiopia.
2	Dr. Syed Kaleemulla	Associate Professor in Physical Education, Bahirdar University, Ethiopia.

**Senior Coaches from within the Country**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Sri K.V. Ramana Rao	Junior India Volleyball Coach, Sports Authority of India, Visakapatnam.
2.	Sri D. Jagannatha Reddy	Football Coach, Deputy Director (Rtd.), Sports Authority of Andhra Pradesh, Hyderabad
3.	Sri G. Sathyanarayana	Kabaddi and Kho-Kho Coach, Sports Authority of India, Vijayawada.
4.	Sri CLN Reddy	Athletic Coach, District Sports Development Officer, SAAP, Anantapur.
5.	Sri M. Sreenivas Reddy	BCCI Panel Cricket Coach, Anantapur.
6.	Sri B. Sreenivas Kumar	Athletic Coach, District Sports Development Officer, SAAP, Sreekakulam, A.P.

**Annexure-III: Major Sports and Games events Organised and Participated**

- 1. Organised South Zone Inter-University Men's Hockey Tournament – Dec 06-13, 2013**
- 2. Organised All India Inter-University Men's Hockey Tournament – Dec 15-21, 2013.**

**Major Sports and Games events participated by the University players  
in South Zone/All India, Inter-University Tournament from 2010-11 to 2014-15**

Sl. No	Name of the event	No. of Players									
		2010-11		2011-12		2012-13		2013-14		2014-15	
		M	W	M	W	M	W	M	W	M	W
1.	Athletics	08	06	08	04	05	--	05	--	05	--
2.	Badminton	5	3	7	5	7	5	07	05	06	05
3.	Ball badminton	10	7	10	8	10	10	10	10	10	08
4.	Basketball	12	10	12	09	11	--	12	12	12	12
5.	Boxing	--	--	04	--	03	--	10	--	02	--
6.	Cricket	16	--	16	--	16	--	16	--	16	--
7.	Chess	5	--	6	--	5	--	06	--	06	--
8.	Football	18	--	18	--	18	--	18	--	18	--
9.	Handball	16	--	16	--	16	--	16	--	17	--
10.	Hockey	16	--	16	--	16	--	18	--	18	--
11.	Judo	3	--	7	--	05	--	08	--	06	--
12.	Kabaddi	12	11	12	12	12	12	12	--	12	12
13.	Kho -Kho	12	12	12	12	12	12	12	--	12	12
14.	SoftBall	--	--	--	--	--	--	--	--	15	--
15.	Table Tennis	5	4	6	6	6	4	07	05	05	05
16.	Taekwondo	--	--	--	--	--	--	--	--	02	--
17.	Volley ball	12	12	12	12	12	12	12	12	12	09

## Department of Physics

1. Name of the Department : **PHYSICS**
2. Year of establishment : **1967**
3. Is the Department part of a School/Faculty of the University?  
**Yes, Faculty of Physical Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
**M.Sc. Physics, M.Phil., & Ph.D in Physics**

5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Renewable energy physics	31	15	Chemistry, Polymer science & Mathematics, Computer science
OE-2	Programming in 'C'	21	4	Mathematics

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**Nil**
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:  
**Semester with Choice Based Credit System**

9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Mathematics	Mathematical techniques for science and technology	45	43
2.	Mathematics	Discrete Mathematical structures	45	43

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual ( Including CAS & MPS)
Professors	2		4
Associate Professors	3	1	-
Assistant Professors	10#	6	3
Others			

# Of which two posts sanctioned by UGC during X Plan continued as par Govt. Orders

**11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Specializatio n</i>	<i>No. of Years of Experienc e</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof. T. Ramajappa	Ph.D	Professor	Electronics	36	<b>04</b>
Prof. K. Raghavendra Rao	Ph.D	Professor	Electronics	30	<b>05</b>
Prof. R. Jeevan Kumar	Ph.D	Professor	Biophysics	26	<b>07</b>
Prof. T. Subba Rao	Ph.D	Professor	Thin films & Materials Science	25	<b>12</b>
Prof. R. Ramakrishna Reddy#	Ph.D	Professor	Spectroscopy	28	<b>07</b>
Dr. M. V. Lakshumaiah	Ph.D	Assistant Prof.	Electronics	12	<b>01</b>
Dr. K. Rama Gopal	Ph.D	Assistant Prof.	Solid state Physics (Theory)	10	<b>04</b>
L. Siva Sankar Reddy	Ph.D	Assistant Prof.	Atmospheric Science	05	<b>NIL</b>

#Retired on 30<sup>th</sup> June 2012

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. R. Ramakrishna Reddy	BSR fellow for three years July 2012 to June 2015 SK University, Anantapuramu

**13 Percentage of classes taken by temporary faculty – programme-wise information : Nil**

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	12: 1
2011-12	PG	12:1
2012-13	PG	15:1
2013-14	PG	15:1
2014-15	PG	15:1

- 15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Technical Assistant	01	01	01
2.	Store Keeper	01	01	01
3.	Jr. Assistant	01	01	01
4.	Record Assistant	03	01	01
5.	Attenders (NMR)	03	02	02

- 16 Research thrust areas as recognized by major funding agencies

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	<b>Materials Science, Thin films &amp; Atmospheric Sciences, Biophysics</b>	UGC, IUAC, DST, ISRO & DRDO

- 17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof. T. Subba Rao	Development of high K dielectric thin films for device applications	UGC	2009-2012	11.87
2.	Prof. T. Subba Rao	Ion Irradiation studies on metal oxides	IUAC	2012-2015	7.00
3.	Prof. R. Jeevan Kumar	Development of liquid crystals	UGC	2009-2012	8.0
4.	Dr.K. Rama Gopal	Physical and optical characterization of aerosols over Rayalaseema region.	ISRO-GBP (ARFI), Bangalore	2005 to till date	165.00
5.	Dr. K. Rama Gopal	Measurement of surface ozone and its precursor gases in Anantapuramu, a semi-arid region	ISRO-GBP (AT-CTM) Bangalore	2007 to till date	128.13



6.	Dr. K. Rama Gopal	Observational study on atmospheric boundary layer over a semi-arid zone at Anantapuramu (A.P.) using PROWNAM data	ISRO – PROWNAM, Bangalore	2010 to till date	13.78
7.	Dr. K. Rama Gopal	Characterization of atmospheric boundary layer parameters over a semi-arid zone at Anantapur, Andhra Pradesh	ISRO-GBP (NOBLE), Bangalore	2008 to till date.	147.9

18 Inter-institutional collaborative projects and associated grants received:

a) National collaboration

b) International collaboration

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the Project</i>	<i>Collaborating Institution</i>	<i>National/ International</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof. T. Subba Rao	Heavy Ion Irradiation in Metal oxide thin films	IUAC, New Delhi	National	07.00

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	SAP: Phase-I	UGC	2009-14	15.00
2.	SAP: Phase-II	UGC	2015-20	60.00

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

<i>Sl. No.</i>	<i>Name of the Research facility/ centre</i>	<i>Agencies recognising the facility/ centre</i>	<i>State/National/ International</i>
1.	HIOKI LCR HiTesor for Dielectric Measurements	DRDO	International
2.	Ball Mill (imported)	DRDO	International
3.	Multi target DC magnetron Sputtering	UGC	National
4.	Keithaley Electrometer	DRDO	International
5.	SiC furnaces	DRDO	National

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications: **(Details vide Annexure -I)**

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	19	46	24	30	82
a)	National	10	11	9	4	16
b)	International	9	35	15	26	66
2	Monographs					
3	Chapters in Books					
4	Edited Books					1
5	Text/ Reference books					
6	Number listed in International Database					
7	Citation Index – range / average	10 to100	8 to 120	10to 80	10 to 180	8 to 110
8	Impact Factor – range / average	1to 5	1to 4	1 to 5	1 to 5	1 to 5
9	h-index	30-35	40-50	45-56	46-55	50-70

23. Details of patents and income generated : **NIL**

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**

26. Faculty serving in  
a)National committees b) International committees c) Editorial Boards d) any other (please specify): **Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	Prof. T. Subba Rao	Indian Academy of Sciences sponsored Refresher course on Experimental Physics	07-22 <sup>nd</sup> October, 2014.
2.	Dr. L. Siva Sankar Reddy	Indian Academy of Sciences sponsored Refresher course on Experimental Physics	07-22 <sup>nd</sup> October, 2014.

28. Student projects : **NIL**

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by
- Faculty
  - Doctoral / post doctoral fellows
  - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<b>Sl. No.</b>	<b>Name of the Seminar/ Conference/ Workshop organized</b>	<b>Name of the Director/ Co-Director</b>	<b>Funding Agency</b>	<b>Dates</b>	<b>Names of outstanding participants</b>
1.	<b>DST Inspire Programme</b>	Prof.R Rama krishna Reddy	DST	<b>Jan 9 -13, 2012</b>	--
2.	<b>Environmental pollution and Impacts on Public health and Agriculture</b>	Prof.R Rama krishna Reddy	ISRO	<b>Feb 21-22, 2012</b>	
3.	<b>Facing challenges on climate change: earth and atmospheric systems (FCCC-2012)</b>	Prof.R Rama krishna Reddy	ISRO	<b>Oct 30-31, 2012</b>	
4.	<b>Emerging Trends in Soft Materials (ETSM)</b>	Prof. R. Jeevan Kumar	UGC	<b>Nov., 1-2, 2012</b>	
5.	<b>Transit of Venus and Related Phenomenon (NWTV)</b>	Dr.K. Rama gopal	DST & UGC	<b>2<sup>nd</sup> -3<sup>rd</sup> March 2013</b>	
6.	<b>National science day</b>	Prof. T. Subba Rao	SKU	<b>28 Feb 2014</b>	
7.	<b>Emerging Nano Materials (NCENM-14)</b>	Prof. T. Subba Rao	SKU & UGC	<b>21<sup>st</sup> and 22<sup>nd</sup> March, 2014</b>	
08	<b>Science Academies '63<sup>rd</sup> Refresher's Course in Experimental Physics</b>	Prof. R. Srinivasan & Prof. T. Subba Rao	IAS	<b>7-22<sup>nd</sup> October, 2014</b>	
09	<b>Recent Developments in Physics (NSRDP-2105)</b>	Prof. R. Jeevan Kumar	UGC-SAP	<b>26<sup>th</sup> &amp; 27<sup>th</sup> March, 2015</b>	
10	<b>National conference on materials Science</b>	Prof. T. Subba Rao	SKU & UGC	<b>13-14<sup>th</sup> November, 2015.</b>	

31. Code of ethics for research followed by the departments
- Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission from authors to use the information
  - Avoiding plagiarism

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme	PG( M.Sc., Physics)				
2010-11	400	26	21	100	100
2011-12	380	24	17	100	100
2012-13	580	25	24	100	100
2013-14	520	22	29	100	100
2014-15	480	19	24	100	100
M. Phil./Ph.D	1000	14	40	100	100

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of Students from other countries
PG programme				
2010-11	65	35	--	--
2011-12	65	35	--	--
2012-13	65	35	--	--
2013-14	68	32	--	--
2014-15	72	28	--	--
M.Phil.	71	29	--	--
Ph.D.	75	25	--	--

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11						
2.	2011-12						
3.	2012-13						
4.	2013-14		2				1
	2014-15						

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil.	5%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	10%

Employed- Campus selection	50%
Other than campus recruitment	
Entrepreneurs	NIL

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	86%
From other universities within the State	NIL
From universities in other states	14% (IIT Kharagpur)
From universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a. Library : **Yes**
- b. Internet facilities for staff and students : **Yes**
- c. Total number of class rooms : **2**
- d. Class rooms with ICT facility : **Yes**
- e. Students' laboratories : **6**
- f. Research laboratories : **4**

39. List of doctoral, post-doctoral students and Research Associates :  
(Details vide **Annexure-II**)

from the host institution/ University : **25**

from other institutions/ universities : **05**

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	<i>No. of students obtaining</i>				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	14	9	20	1	-
2.	2011-12	15	10	22	2	-
3.	2012-13	14	10	20	2	-
4.	2013-14	11	8	21	4	-
5.	2014-15	12	9	22	5	-

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Through internal and external BOS meetings and modification of syllabus once in 3 years

- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Departmental meetings we will discuss feed back matters through IQAC and used for improvement of teaching performance

- c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Representation to Industry in BOS (one member) and feedback used in modifying curriculum.

43. **List the distinguished alumni of the department (maximum 10)**

<i>J. A. Chowdary</i>	<i>K. Raghunath Reddy</i>
Prof.K. Subbaramaiah	K. R. Gopinath
Dr. G. Erranna	M. Bharadwaj
Dr. B.J. Rao	Prof .Narayana Rao
K.S. Srinivasulu	S.K.R.C. Prasad

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

<i>Sl. No.</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1.	2012-13	Prof S Mohan, IISc.,	
2.	2013-14	Prof Koteswara Rao, IISc.,	
3.	2014-15	Prof. R Srinivasan IIT Chennai, NOW IAS, Bangalore, Dr Ramesh, IAS, Bangalore	

45. **List the teaching methods adopted by the faculty for different programmes.**

- LCD Projectors
- ICT learning materials through Internet

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- **Discussions in regular staff council meetings**

47. **Highlight the participation of students and faculty in extension activities.**

- Arranging conferences and refresher courses, clean and green programmes, extension works through Sai Society

48. **Give details of “beyond syllabus scholarly activities” of the department.**

- Clean and green programmes arranged, Social Service through Sai Society

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No**

- Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Basic or applied Research projects highlight new Knowledge in basic & applied physics.

- 50 **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Major Strengths:**

- 1.Experienced Teaching Faculty
- 2.M.Sc., Labs Strengthened by DST-FIST & UGC-SAP.
- 3.Research facilities also available in Material Science, Remote sensing, Electronics and Bio-Physics
- 4.Student computer labs and
- 5.Online exam centre are available in the department.

**Weaknesses:**

1. Projects for students
2. E Class rooms
3. International standard equipments.
4. Water problem
5. Continuous electricity for laboratories.

**Opportunities**

1. Various University Ph.D scholars use our facilities.
2. Titanates and high K materials for microwave & Micro-electric Applications
3. Transparent conducting oxide thin films for solar cells
4. Remote Sensing Operators
5. Microcontroller lab

**Challenges**

1. Training students from poor academic background
2. Inadequate infrastructure and equipment
3. Dwindling of experienced faculty due to superannuation

52. **Future plans of the department.**

- To establish international centre on Material Science & Nanotechnology research centres in the campus
- MOOC courses
- Online examinations
- FIST (DST) may enhance the student research attitude and motivation.



**Annexure I**  
**List of Publications of the faculty**

**Prof. T. Subbarao**

1. B.Rajesh Kumar and **T.Subba Rao**, Effect of Substrate Temperature on Structural Properties of Nanostructured Zinc Oxide Thin Films Prepared By Reactive DC Magnetron Sputtering, Digest Journal of Nanomaterials and Biostructures, Issue 3, July-September, 2011, Pp 1281- 1287. (If: 2.078)
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**Prof. T. Ramanjappa**

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**Prof. R. Jeevan Kumar**

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**Dr. K. Ramagopal**

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**Dr. L.Siva Sankar Reddy**

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**Annexure - II  
RESEARCH SCHOLARS LIST**

Sl. No	Description	Name
1	Ph.D	A. Guru Sampath Kumar
2	Ph.D	C. Rajeswari
3	Ph.D	D. Jansi Rani
4	Ph.D	K. Raja Obul Reddy
5	Ph.D	N. Siva Kumar Reddy
6	Ph.D	P. Divaya Vani
7	Ph.D	P. Pandu Ranga
8	Ph.D	P. Ramanjaneya Reddy
9	Ph.D	S. Pavan Kumari
10	JRF	T. Chakradhar Rao
11	JRF	T. Lokeswara Reddy
12	Ph.D	T. Sofi Sarmash
13	Ph.D	U. Mahesh Kumar
14	Ph.D (Part time)	V. Koteswara Rao
15	Ph.D (industrial)	G V Vijaya Basakara Rao
16	Ph.D(industrial)	C.C.Mohan Reddy
17	Ph.D(JNTUA)	Venkata Rao
18	Ph.D(JNTU A)	S. Geetha Vani
19	Ph.D(JNTU A)	D. Kavitha
20	Ph.D	B Rajeev Kumar(Nri)
21	Ph.D	D V A Raghva Murthy
22	Ph.D	A Bala Vemkateswarulu
23	Ph.D	V. Narasinhna Reddy
24	Ph.D	Samuktha
25	Ph.D (SV Univ.)	S. Tanveer
26	Ph.D Part time(Industrial)	Sreelatha M.
27	Ph.D Part time(NRI)	Harish
28	Ph.D Full time	Asraf Ahmad
29	Ph.D Full time	Narmada

**RESEARCH SCIENTIST LIST**

Sl. No	Designation	Name
1.	RESEARCH SCIENTIST	Dr. G. BALA KRISHNAIAH



## Department of Polymer Science & Technology

1. **Name of the Department** : Polymer Science & Technology
2. **Year of establishment** : 1981
3. **Is the Department part of a School/Faculty of the University?**  
Yes, Faculty of Physical Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)** : PG, M.Phil, and Ph.D courses in Polymer Science
5. **Interdisciplinary programmes and departments involved**

SL No	Title of OE Paper	No. of students opted			
		2013-14	Departments	2014-15	Departments
1.	Basic concepts of polymer Science (II Semester)	30	Chemistry - 30	05	Botany-4 Zoology-1
2.	Industrial applications of polymers (III Semester)	--	--	04	Botany -4

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
For the last thirty years, Two week "Polymer Processing Course" is being conducted for every batch of S.K.University Polymer Science students at Central Institute of Plastic Institute and Technology, Hyderabad as part of M.Sc. Curriculum.
7. **Details of programmes discontinued, if any, with reasons** : Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester with Choice Based Credit System
9. **Participation of the department in the courses offered by other departments:**  
The Open Elective papers have been opted by the students in II and III semesters in PG course under Choice Based Credit System.

### II Semester

SL No	Name of the Department	Title of OE Paper	No of students opted	
			13-'14	14-'15
1	Physics	Renewable energy physics-RC40204	8	11
2	Biochemistry	Bio molecules and instrumental methods	1	2
3	Mathematics	Mathematical techniques for Science & Technology	1	1

**III Semester**

SL No	Name of the Dept	Title of OE Paper	No of students opted	
			13-'14	14-'15
1.	Geography	Fundamentals of Remote Sensing	7	6
2.	Computer Science	Green I.T	2	4

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others) (as on 30-06-2015)

Designation	Sanctioned	Filled	Actual (Including CAS & MPS)
Professors	01	-	01
Associate Professors	02	-	-
Assistant Professors	03	01	-
Others (Teaching Assistant)		-	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 5 Years
Prof. K. Chowdoji Rao	M.Sc, Ph.D	Professor	1. Polymer Blends 2. Composites 3. Drug Delivery 4. Membrane Science Pervaporation	28 years	M.Phil - 1No Ph.D - 11 Nos
Prof. K. Mohana Raju#	M.Sc, Ph.D	Professor	1. Super absorbent polymers 2. Propellant binders 3. Adhesive materials 4. Nano-Composites 5. Stimuli responsive Hydrogels for Drug Delivery 6. Magnetic Nanocomposites	28 years	M.Phil - Nil Ph.D - 16Nos
Prof. A. Varada Rajulu**	M.Sc, Ph.D	Professor	1. Eco-Friendly polymer composites 2. Nano-composites	25 years	M.Phil - 'Nil Ph.D - 05 No's

			3. Polymer blends 4. Physical properties of polymers and characterization of polymers		
Prof. S. Venkata Naidu*	M.Sc, Ph.D	Professor	1. Polymer Blends and Composites 2. Synthesis and characterization of Polymers	25 years	M.Phil - 'Nil Ph.D - 03 No's
Prof. N.Subbarami Reddy##	M.Sc, Ph.D	Professor	1. Degradation and Stabilization of Industrial polymers 2. Physico-chemical studies of polymers synthesis of polymer hydrogels and metal nano particles	26 years	M.Phil-1No Ph.D-2No's

#Retd on 30-06-201

\* Retd on 31<sup>st</sup> May 2010 and continued as UGC emeritus Professor upto 31-12-2013

\*\* Retd on 30-06-2010, and continued as Professor on court direction till 30-06-2011.

## Retd on 30-06-2011, and continued upto 30-04-2012 as Principal Investigator of UGC MRP Project.

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for last 3 Years</i>
Dr. A. Varada Rajulu	M.Sc., Ph.D.	UGC Emeritus Professor	Polymer Composites and blends	3 years (Dec 2010 to Dec 2013)	Ph.D: 1

**13 Percentage of classes taken by temporary faculty - programme-wise information: Not applicable**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No.of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2012-13	-	-	-
2013-14	PG	1. Dr. Madri Prasad 2. Dr. H.Sudhakar	30% 20%
2014-15	PG	1. Dr. Madri Prasad	10%

**14 Programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Name of Course</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	9 :1

2011-12	PG	12:1
2012-13	PG	12:1
2013-14	PG	36:1
2014-15	PG	36:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sl. No.	Name of the post	Sanctioned no.	Filled no.	Actual staff
1.	Junior Asst	-	-	01
2.	Attender	0	0	01

16. Research thrust areas as recognized by major funding agencies

Sl. No.	Thrust areas
1.	Polymers for biomedical applications
2.	Polymeric membranes for prevaporation studies
3.	Polymer blends and composites
4.	Natural fiber reinforces composites or green composites
5.	Polymers used in drug delivery vehicles
6.	Super absorbent polymers
7.	Magnetic Nanocomposites
8.	Stimuli responsive Hydrogels for Drug Delivery
9.	Nano-Composites
10.	Adhesive materials
11.	Propellant binders
12.	Synthesis and characterization of polymers
13.	Degradation and stabilization of industrial polymers
14.	Physico - chemical studies of polymers
15.	Ecofriendly polymer composites
16.	Nanocomposites
17.	Physical properties of polymers and characterization of polymers

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**All teachers in the department during 2010-2015 have operated major research projects funded by UGC, SERB, DST, BRNS, ISRO, DRDO, etc. (Please see below)**

Name of the Teacher	Title of the project	Funding agency	Total grant (in lakhs)	Duration (From-to)	Remarks
Prof. K.Chowdoji Rao	Development of Biopolymer based Micro/Nano particle systems for Drug Delivery Applications	UGC New Delhi	Rs.10.00	2011-2014	Completed

**Sri Krishnadevaraya University, Ananthapuramu**

-do-	Development and haracterization of Biopolymer based Micro / Nanoparticle Systems for controlled drug delivery applications	DRDO , New Delhi	Rs.19.80	2011-2014	Com pleted
-do-	UGC BSR One Time Grant	UGC New Delhi	Rs.7.00	2012-2014	Com pleted
-do-	Fabrication of organic – inorganic hybrid nano composite membranes for pervaporation and gas separation	DST, New Delhi	Rs.22.80	2013-2016	Ongoing
Prof.K.Mohan a Raju	Design and development of embedded magnetic nano particles into modified intelligent polymers for biomedical applications	UGC, New Delhi	Rs.6.47	2010-2013	Com pleted
Prof.T.Subbarami Reddy	Design of Novel hydrogel reactors for the development of metal nano particals for different applications UGC-2009	UGC, New Delhi	Rs.9.96	2009-2012	Comple ted
<b>Total grants received during July 2010-June 2015</b>			<b>Rs.76.03 Lakhs</b>		

18. **Inter-institutional collaborative projects and associated grants received**

a) **National collaboration - Yes**

b) **International collaboration- Yes**

An International collaborative FONDEF-CONICYT research project entitled “PIEZO ELECTRIC ENERGY Harvesting by free available Mechanical disturbances through polymers for Industrial and social usage as green energy” between Prof.K.V.S.Ramam, Dept.of Engineering and Materials, University of concepcion, Chile, South America and Prof.K.Chowdoji Rao, Dept. of Polymer Science & Technology, Sri Krishnadevaraya University, Ananthapuramu in 2015 worth Rs.15.00 crores of Chile Government.

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

The department has received

Sl. No.	Name of the project	Funding agency	Period	Grants received (Rs. in lakhs)
1.	DST FIST phase-I	DST, New Delhi	2003-2008	65.00
2.	DST FIST phase-II	DST, New Delhi	2013-2018	160.00
3.	UGC SAP Phase – I	UGC, New Delhi	2007-2012	45.00
4.	UGC SAP Phase – II	UGC, New Delhi	2013-2018	61.50
<b>Total grant</b>				<b>Rs.331.5 lakhs</b>

20. **Research facility / centre with**

- **state recognition - Yes**
- **national recognition - Yes**
- **international recognition - Yes**

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: 151 (List enclosed in Annexure -I)

Sl. No	Particulars	2010-'11	2011-'12	2012-'13	2013-'14	2014-'15
1.	Number of papers published in peer reviewed journals	52	17	23	31	28
A	National	03	-	1	5	5
B	International	49	17	22	26	23
2.	Monographs	-	-	-	-	-
3.	Chapters in Books	-	-	-	-	-
4.	Edited Books	2	-	-	-	-
5.	Text/Reference Books	-	-	-	-	-
6.	No listed in Int.database	15	14	18	18	15
7.	Citation Index-range / average	136	185	259	306	269
8.	Impact Factor range/average	1-3	1-3	1-4	1-4	1-3
9.	h-Index	18	18	18	18	18

23. Details of patents and income generated

**Prof. K.Chowdoji Rao**

C. Suryanarayana, S.S.Pawar, **K. Chowdoji Rao** and Dhirendra Kumar, Process

- for preparation of microcapsules containing linseed oil with improved stability for use in self healing coatings, **Indian Patent** -2010.

C. Suryanarayana, **K.Chowdoji Rao** and Dhirendra Kumar "Smart pH sensitive microcapsules for sustained release of active materials in alkaline environment and their methods of preparation" **Indian Patent** - 2010.

**Prof.K.Mohana Raju**

Brajesh Kumar Sinha, **Konduru Rajasekhara Raju**, Budidet Shankar Reddy, Vaddi Pandu Ranga Rao, Aminul Islam, Meenakshi Sunderam Sivakumaran,

- An improved process for the preparation of 4-(1,1-Dimethylethyl)-n- [6-Halo-5- (2-Methylphenoxy)- [2,2'-Bipyrimidin] -4-YL] Bensene-sulfonamide, International Patent, 08-03-2011.

Brajesh, **Konduru Rajasekhara Raju**, Shankar Reddy, Vaddi Pandu Ranga Rao, Aminul Islam, Meenakshisunderam Sivakumaran, An Improved Process for the Preparation of Bosentan, International Patent Classification, 04-03-2011.

24. Areas of consultancy and income generated:

Around an amount of Rs.1,20,000/- generated through characterization of samples from other Institutes by using the modern equipment like UTM(UK), DSC/TGA(USA).

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and Abroad:

Sl. No	Name of the Teacher	Purpose of Visit	Place
1.	Prof. A Varada Rajulu	Visiting Research Scientist China	Institute of Chemistry, Beijing, China-May-July, 2010
2.	Prof. A Varada Rajulu	Research Scientist	Institute of Chemistry, Beijing, China-May-July, 2011 Wuhan University
3.	Prof. A Varada Rajulu	Research Scientist	Wuhan University of China, May-July 2012
4.	Prof. A Varada Rajulu	Research Scientist	Wuhan University of China, May-July 2013.
5.	Prof. K.Chowdoji Rao	Visiting Scientist	Department of Chemistry, Princeton University, USA - August ,2011
6.	Prof. K.Chowdoji Rao	Visiting Scientist	Department of Chemistry, New Jersey Institute of Technology, USA-Sept, 2011
7.	Prof. K.Chowdoji Rao	Visiting Scientist	Department of Mechatronics, Changwon National University, South Korea - Feb 2012.

26. Faculty serving in

- a) National committees : NIL
- b) International committees : NIL
- c) Editorial Boards : NIL
- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs) : Nil

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects - 5%
- percentage of students doing projects in collaboration with other universities / industry / institute - 95%

29. Awards / recognitions received at the national and international level by

- Faculty - Nil
- Post doctoral fellows - NIL
- Students - 1. One student in 2012 Mr. G.M.Raghavendra has received Inspire fellowship (DST, New Delhi) for doing Ph.D

30. Seminars/ Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any.



<i>Sl. No.</i>	<i>Name of the Seminar/Conference/ Workshop</i>	<i>Name of the Convener and Co-Convener</i>	<i>International/ National</i>	<i>Date(s)</i>
1.	Advances in Polymeric Materials (APM-2012)	Convener: Prof. K. Chowdoji Rao Co-convener: Prof. K.Mohana Raju	National	16 <sup>th</sup> -17 <sup>th</sup> March, 2012-
2	Recent Trends in Polymer Science & Technology (RTPST-2013)	Convener: Prof. K. Chowdoji Rao Co-convener: Prof. K.Mohana Raju	National	29 <sup>th</sup> -30 <sup>th</sup> June, 2013-
3	National Seminar on Advances In Polymer Science & Technology (NSAPST-2014)	Convener: Prof.K.Chowdoji Rao	National	June -22 to 23 -2014
4	Advanced Studies on Polymeric Materials and Applications	Convener: Prof.K.Chowdoji Rao	National	March 14th - 15th ,2015

- 31 **Code of ethics for research followed by the departments**
- The faculty in the department have been organised in the form of sub-committees in order to maintain originality in the selection of research problems and also to avoid duplication of titles for doctoral programs
  - Established perfection in review of literature and maintain uniformity in expressing the acknowledgements.
- 32 **Student profile programme-wise:**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications received</i>	<i>Selected</i>		<i>Pass percentage</i>	
		<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
<b>PG : 2010-11</b>	52	10	2	100%	100%
<b>PG :2011-12</b>	68	12	-	100%	100%
<b>PG :2012-13</b>	54	13	1	100%	100%
<b>PG :2013-14</b>	63	17	1	100%	100%
<b>PG :2014-15</b>	47	16	1	100%	100%
<b>M.Phil: 2010-2011</b>	10	1	0	100%	100%
<b>Ph.D: 2010-2011</b>	30	7	2	100%	100%

**33. Diversity of students**

<i>Name of the Programme (refer to Question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students From Universities outside the State</i>	<i>% of students from other countries</i>
M.Sc : 2010-11	40	60	Nil	Nil
M.Sc :2011-12	40	60	Nil	Nil
M.Sc : 2012-13	40	60	Nil	Nil
M.Sc :2013-14	50	50	Nil	Nil
M.Sc :2014-15	50	50	Nil	Nil
M.Phil: 2010-11	100	0	Nil	Nil
Ph.D : 2010-11	100	0	Nil	Nil

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

- a. CSIR NET & Lectureship : Nil  
b. SET : Nil  
c. GATE : Nil

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	10 %
PG to Ph.D.	20 %
Ph.D. to Post-Doctoral	60 %
Employed - Campus selection	10%
Employed - Other than campus selection	50 % (Mainly in Industries)
Entrepreneurs	5 %

**36. Diversity of staff**

<i>Percentage of Faculty who are graduates</i>	
Of the same University	100%
From other universities within the state	NIL
From other universities of other state	NIL
From other universities outside the country	NIL

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- . Library : 500 Books, contributed/ donated by the Alumni of the Department  
a) Internet facilities for staff and students : University LAN  
**Separate Computer network lab facility is available with Internet facility for students and research scholars**  
b) Total number of classrooms : 04  
c) Class rooms with ICT facility : 02  
d) Students' laboratories : 04  
e) Research laboratories : 04

**The equipment facilities in the laboratories:**

- Mechanical stirrers
- Roto-flash evaporator
- Refrigerated Centrifuge
- Laminar flow chambers
  - Shaking incubator
  - Thermostat Heating Blocks
  - Electronic Pipettes
  - UV-vis spectrophotometer
  - Tablet Dissolution tester
  - Lab bar coater
  - Ultrasonic probe sonicator
  - Sonicator
  - High speed mechanical stirrer
  - Heating baths
  - pH meters
  - -20 Freezers
  - Incubator shaker Electrophoresis unit with power supply
  - Compression Moulding machine
  - Electrical Balances
  - Hot air oven
  - Pervaporation set up
  - Tensiometer
  - Flexural Strength measuring instrument
  - Impact tester
  - Rockwell hardness tester
  - Shore tester

**Facilities Acquired under DST FIST: 2007-2012**

- Injection molding machine
- Extrusion molding machine
- Blow molding machine
- Two roll mill Compression molding machine
- Universal Testing Machine

**Facilities to be acquired under DST FIST 2013-18 (Under process)**

- X-RD
- Gas Chromatography cum mass spectroscopy
- UV-Visible near Infra Red Spectrophotometer
- HPLC

**Facilities Acquired under UGC- SAP: 2007-2012**

- DSC (TGA), TA. Instruments, SDT Q<sub>600</sub>, Germany)
- FT-IR (Bomem, Model: MB3000, Canada)
- Facilities to be acquired under UGC- SAP: 2013-2018 (Under process)
- Particle Size analyzer

**39 List of doctoral, post-doctoral students and Research Associates**

a. from the host institution/University

<i>Sl. No.</i>	<i>Name of the student</i>	<i>Designation</i>	<i>Period</i>	<i>Funding Agency</i>
1.	H.Sudhakar	Post Doctoral Student	2013-2018	UGC, New Delhi
2.	S.Veerapratap	Doctoral student	2011-2015	UGC, New Delhi
3.	P.Kumara Babu	Doctoral student	2013-2015	SERB,DST,New Delhi
4.	Y. Maruthi	Doctoral student	2013-2015	SERB,DST,New Delhi
5.	P. Upendra	Doctoral student	2012-2017	-
6.	G. Venkatesulu	Doctoral student	2011-2015	UGC, New Delhi
7.	R. Pathana	Doctoral student	2012-2017	-
8.	C. Nagarjuna	Doctoral student	2012-2017	-

Post doctoral fellows : 24

1. Dr. C. Venkata Prasad has been awarded Post Doctoral Fellowship from Changwon National University, South Korea. 2010.
2. Dr. N.Narayana Reddy been awarded Post doctoral Fellowship from Belgium. 2010.
3. Dr. D.Jagadeesh has been awarded Post Doctoral Fellowship from Sen Yet University, Chaina. 2010.
4. Dr. D. Jeevan Prasad Reddy has been awarded Post Doctoral Fellowship from University of Canada. 2010.
5. Dr. K.Obi Reddy has been awarded Post Doctoral Fellowship from University of Pretoria, South Africa. 2010.
6. Dr. C.Umamaheswari has been awarded Post Doctoral Fellowship from University of Pretoria, South Africa. 2010.
7. Dr. J.Jayaramudu has been awarded Post Doctoral Fellowship from University of Pretoria, South Africa. 2010.
8. Dr. N.Mithil Kumar has been awarded Post Doctoral Fellowship from University of Pretoria, South Africa. 2010.
9. Dr. N.Ramesh has been awarded Post Doctoral Fellowship from Italy. 2010.
10. Dr. P.Noorunnisha Khannam has been awarded Post Doctoral Fellowship from University of Malaysia, Malaysia. 2011.
11. Dr. S.Ravindra has been awarded Post Doctoral Fellowship from University of South Africa, South Africa. 2010.
12. Dr.V. Rajinikanth has been awarded Post Doctoral Fellowship from University of South Africa, South Africa. 2011.
13. Dr.K.Varaprasad has been awarded Post Doctoral Fellowship from Tshwane University of Technology, South Africa. 2011.
14. Dr. K.Vimala has been awarded Post Doctoral Fellowship from Durbal University of Technology, South Africa. 2011.
15. Dr.G.Sivamohan Reddy has been awarded Post Doctoral Fellowship from Tshwane University of Technology, South Africa. 2010.
16. Dr. K.Mohan Reddy been awarded Post doctoral Fellowship from Taiwan. 2010.
17. Dr. P.Sudhakar been awarded Post doctoral Fellowship from Changwon National University, South Korea 2011.

18. Dr. M.N.Prabhakar has been awarded Post Doctoral Fellowship from Changwon National University, South Korea. 2013.
19. Dr. K.Sudhakar has been awarded Post doctoral Fellowship from Tshwane University of Technology, South Africa. 2013.
20. Dr. M. Chandrasekhar has been awarded Post doctoral Fellowship from Korea. 2013.
21. Dr. T. Jayaramudu awarded Post Doctoral Fellowship from Tshwane University of Technology, South Korea. 2013.
22. Dr. B.Manjula has been awarded Post doctoral Fellowship from Tshwane University of Technology, South Africa. 2013.
23. Dr. G. M. Raghavendra, Post Doctoral Fellow from Korea University, South Korea. 2014.
24. Dr K Sudhakar Naidu, Asst Professor, DST Inspire Programme at NCL Pune Since 2013.

b) from other institutions/universities : Nil

**40 Number of post graduate students getting financial assistance from the University.**

Year	Category		
	OBC	SC	ST
2010-2011	7	2	2
2011-2012	7	2	2
2012-2013	8	2	2
2013-2014	8	2	2
2014-2015	6	2	2

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : **NIL**

42. Does the department obtain feedback from

- i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, The feedback obtained from the faculty on the curriculum through internal and external BoS meetings is used to revise the curriculum to strengthen the aspects as per the requirement.

- ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The feedback given by the students is utilized to improve the standard of teaching by (a) Conducting of no. of seminars (b) No. of interaction programmes (c) Invited lectures (d) teaching through online lessons

- iii. alumni and employers on the programmes offered and how does the department utilize the feedback?

The department invites professors from other universities and industries especially alumni to BOS meeting to utilize this feedback to revise the syllabus.

Sl. No	Name of the Industry representative As BOS member	Period
1.	<b>Dr. Sudhakar Dantiki</b> Former Managing Director Akzonobel car refinishes Ltd, Bangalore	05-11-2011 to 04-11-2014 & 19-03-2015 to 18-03-2018

2.	<b>Prof. Siddaramaiah</b> Dept.of Polymer Science & Technology S.J.College Of Engineering, Mysore	05-11-2011 to 04-11-2014 & 19-03-2015 to 18-03-2018
3.	<b>Prof.K.Bhoje Naik</b> Dept.of Chemistry, Kuvempu University, Jnanasahyadri, Shankara Ghatta	05-11-2011 to 04-11-2014
4.	<b>Dr.A.V.Sesha Sainath</b> Senior Scientist Indian Institute of Chemical Technology	05-11-2011 to 04-11-2014
5.	<b>Dr. N. Anbananthan</b> Vice President - R&D Ionexhng India Ltd, Hyderabad	19-03-2015 to 18-03-2018
6.	<b>Prof.K. Vasanthakumar Pai</b> Dept.of Industrial Chemistry Jnana Sahyadri, Shankaraghatta	19-03-2015 to 18-03-2018

43. List the distinguished alumni of the department (maximum 10)

<i>Sl. No</i>	<i>Name</i>	<i>Period of study</i>	<i>Position</i>
1.	Dr. E.Bhoje Gowd	1994-97	Senior Scientist, NIIST, Kerala
2.	Dr. B.Vijaya Kumar Naidu	1995-98	Assistant Professor, Yogivemana University, Kadapa
3.	Dr. M.J.Yanjarappa	1995-98	Senior Team Leader, Akzonobel, Bangalore
4.	Dr. Sreekanth Reddy	1996-98	Scientist, DRDO, Hyderabad
5.	Dr. A.V. Sesha Sainath	1990-92	Senior Scientist, CSIR-Indian Institute of Chemical Technology, Hyderabad
6.	Dr. G. Sumana	1991-93	Scientist, CSIR-National Physical Laboratory, Delhi
7.	Dr. Ramasubba Reddy	1996-98	Scientist, DRDO, Hyderabad
8.	Dr. Padmanabha Raju	1996-98	Scientist, DRDO, Hyderabad
9.	Dr.Jayarami Reddy	1998-2000	Scientist, DRDO, Hyderabad
10.	Dr. C. Venkata Prasad	2003-2005	Scientist, Central Power Research Institute, Bangalore

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

<i>Sl. No.</i>	<i>Name</i>	<i>Period</i>	<i>Topic</i>
1	Dr. K.Adisheshaiah President, Saint-Gobain, B're	July 2010- Jun-2011	Structural adhesives and resins
2	Dr.T. Narasimha Swamy Scientist, CLRI, Chennai	-do	IR and NMR spectroscopy
3	Prof. Siddaramaiah Dept.of Polymer Science & Technology, SJ College of	-do-	Polymer blends and composites

	Engineering, Mysore		
4	Dr.N.Anbananthan President, Ionexchange India Ltd, Hyderabad	-do-	Ion exchange polymer membranes for purification technology
5	Dr.G.Jayasimha Reddy Asst.Professor, Tumkur Engineering college	-do-	Paint properties and application
6	Dr.B.Vijaya Kumar Naidu, Dept. of Material Science & nanotechnology, Yogi Vemana University, Kadapa	-do-	Polymeric membranes for pervaporation studies
7	Dr.K.Madhusudhan Rao, Ion exchange India Ltd, Hyderabad	-do-	Ion exchange resins
8	Mr.K.V.Ramana Reddy, Nippon Paints, Bangalore	-do-	Paints and pigments
9	Prof.Siddaramaiah, S.J.College of Engineering, Mysore	July 2011- June 2012	Polymer composites
10	Dr. Sudhakar Dantiki Managing Director, Akzonobel Coatings, B're	June 2013	Car refinishes and coatings
11	Prof.S.V. Satyanarayana, JNTUA, Ananthapuramu	June 2014	Polymer membranes for pervaporations studies
12	Dr. E. Bhoje Gowd Sr.Scientist, CSIR, NIIST	June 2014	X-RD Technique for polymer Characterization.
13	Prof. S.Sivaram, CSIR Bhatnagar Fellow, NCI, Pune	March 2015	Science of polymers: Quo Wadis?

45. **List the teaching methods adopted by the faculty for different programmes.**
1. Power point presentations through electronic gadgets
  2. One to one interactions on latest trends in the subject
  3. Tutorials for different groups as per the student options with special reference to the student projects.
  4. Oral presentations
  5. Interactive sessions
  6. Question-Answer sessions
  7. Recapping sessions
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
- a. Evaluation system is critical to monitor the performance of students phase-wise through internal assessments, seminars on concerned topics in the curriculum and also on popular topics related to academic and R & D issues.
  - b. Conducting on line tests besides the regular semester end examinations.
  - c. English language classes are being conducted for PG students-with the financial support by Alumni  
Rs. 50,000-00 (Fifty thousand rupees only) received from our department alumni for the purpose of spoken English language classes.



47. Highlight the participation of students and faculty in extension activities.

<b>1.</b>	Every third Saturday of the month students are participating in clean & green programme in and around the department.
<b>2.</b>	Students and Faculty attend Plast India since 2003 “an exhibition on polymer processing instruments”, which is being conducted by Indian Plastic Institute, Mumbai for every 3 years.
<b>3.</b>	Every year students are sent to CIPET Hyderabad (2 Weeks) - to learn plastic technology & handling of polymer processing instruments as a part of curriculum under the supervision of Faculty by frequent visits during the programme.

48. Give details of “beyond syllabus scholarly activities” of the department.
- (i) Learning spoken English & communicative skills
  - (ii) Learning of Computer skills
  - (iii) Encouraging students to improve their skills by conducting student seminars & assignments
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department is continuously encouraging the students in generating new knowledge, basic/applies through

- (i) Sending them for training project work (6Months) where they learn practical knowledge in various polymer based industries/well equipped national research laboratories.  
The department is taking students for industrial tours every year in which they attend different polymer based industry to acquire knowledge which in turn help them to get jobs or to establish industries as entrepreneur.
- (ii) Text Book of polymer science – by Gowarikar, Sreedhar and Viswanathan, Wiley-Eastern Publications.  
Contemporary polymer chemistry – by H.R.Allcock and F.W.Lampe, Prentice-Hall, Inc., New Jersey.  
Text Book of polymer science – by P.L.Nayak & Dr (Mrs) S.Lenka, Kalyani Publishers, New Delhi.  
Introduction to polymers – by R.J.Young, Chapman and Hall.

51. Detail **five** major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. Vast potential in R & D activities due to the availability of highly sophisticated polymer testing and Characterisation equipments like UTM, FTIR, DSC, TGA, UV visible Spectrophotometer, Dissolution Tester etc.
2. Research Students are getting UGC meritorious fellowship, RGNF fellowship by which they are able to continue their research leading to

3. Research facilities improved by getting funds from various agencies like UGC SAP, DST FIST etc to help the students.
4. As the dept has a unique facility of project work in their IV semester with financial support, the students are getting absorbed in various industries immediately after their completion of their course.

**Weaknesses:**

1. Insufficient teaching staff
2. Non-availability of technical staff to handle the highly sophisticated equipments like FTIR, DSC, UTM, Injection moulding, Blow moulding, Extrusion moulding, Two roll mill etc.,
3. The scarcity of water makes the research difficult to carry out the research work.
4. As the students are not having fluency in speaking English it is making the students difficult to face the interviews and get number of placements

**Opportunities:**

1. Job opportunities for most of the students while carrying out their project work in the IV semester of M.Sc course.
2. Some students are joining doctoral study with fellowships in R & D Labs of National & International labs after completing M.Sc. course
3. Many students are awarded Post Doctoral fellowships in different countries like South Africa, South Korea, Chile after completing their Ph.D.
4. Many Ph.D students are awarded fellowships like
  - BSR Meritorious fellowships by UGC, New Delhi
  - RGNF fellowships for SC/ST students by UGC, New Delhi
  - Inspire Fellowship by DST, New Delhi.

**Challenges:**

- 1 To establish teaching & research laboratories with internationally standard facilities by attracting funds from different funding agencies.
- 2 To establish the centre for potential excellence in Polymer Science in SKU.
- 3 Shortage of experienced faculty

52. **Future plans of the department.**

1.	By procuring the highly sophisticated equipment from DST FIST Phase-II & UGC SAP DRS-II, which are under process we can train our students improve their research skills in future for better placements after the PG & Ph.D courses.
2.	Further it is planned to procure the highly sophisticated and expensive SEM by approximately the different funding agencies like DST,UGC, DRDO, BRNS etc. so that we can publish research papers international research journals which high impact factors which in turn will help the students to get placements and Post doctoral fellowships in India & abroad.
3.	<b>Biodegradable Polymer composites:</b> identifying new type of natural fibres/fabric for usage in making the green composites, with a potential for job opportunities and contribution to the economy of this area and to national economy to some extent.

ANNEXURE – I  
Research Publications

Prof. K. Chowdoji Rao

Research Papers

1. K. Narashima Sharma, M.C.S. Subha, **K. Chowdoji Rao**, A Facial Synthesis and Anti-microbial activity of some Pyrazole derivatives carrying Indole, *E- journal of Chemistry*, 7 (2010)49.
2. T. Sobha Rani, MCS. Subha, G. Venkata Reddy, Yong Ha Kim, **K. Chowdoji Rao** and C.V Prasad, Synthesis and characterization of Poly (vinyl alcohol)/ water glass (sio<sub>2</sub>) Nano-Hybrids via Sol-Gel process, *Journal of applied polymer science*, 117 (2010) 3533.
3. C.L.N. Reddy, B. Yerriswamy. C.V. Prasad, **K. Chowdoji Rao** and M.C.S. Subha, Control release of chlorophenylamine maleate through IPN beads of sodium alginate-g-methyl methacrylate, *Journal of Applied Polymer Science*, 118 (2010) 2342.
4. G. Venkata Reddy, C.V. Prasad, T. Sobha Rani, M.C.S. Subha and **K. Chowdoji Rao**, Tensile and Lignocellulosic Properties of Prosopis Chilensis Natural Fabric, *Journal of Applied Polymer Science*, 117 (2010) 2907.
5. H.M.P. Naveen Kumar, T.V. Ashok Kumar Reddy, M.N. Prabhakar, K. Madhusudhan Rao, **K. Chowdoji Rao** and M.C.S. Subha, Miscibility studies of Acacia (AC)/Poly (Methacrylic Acid) PMA and Acacia (AC)/Poly (Ethylene Oxide) PEO in water at 30°C using viscosity, Ultrasonic and Refractometric studies. *Bulletin of Physical Sciences*, 4 (2010) 1.
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11. N. Jayachandra Reddy, **K. Chowdoji Rao**, M. C. S. Subha, Zinc perchlorate- Alumina : A mild , efficient catalyst for ring opening of epoxides with amines : An Improved Protocol for the syntesis of B-Aminno alcohols. *Intern.J.appl.Biol andPharm.Tech.*3(2010)851.
12. B. Yerriswamy, C. Lakshmi Narayana Reddy, C. Venkata Reddy, MCS. Subha, **K. Chowdoji Rao** and G. Venkata Reddy, Controlled release studies of 5-Flurouracil through poly (vinyl caprolactum-co-vinyl acetate) microspheres, *Asian Journal of Pharmaceutics*, 4 (2010) 200-204.
13. C. Lakshmi Narayana Reddy, B. Yerriswamy, C. Venkata Prasad, C. Aswini, P. Mamatha, MCS. Subha and **K. Chowdoji Rao**, Synthesis and characterization of poly (NIPAM-co-caprolactam) thermoresponsive microspheres for controlled release of

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| 28 | Preparation and properties of biodegradable films from Sterculia urens short fiber/cellulose green composites, J. Jayaramudu, G. Siva Mohan Reddy, K. Varaprasad, E.R. Sadiku, S. Sinha Ray and <u>A. Varada Rajulu</u> , <i>Carbohydrate Polymers</i> , 93 :622- 627, 2013.                |
| 29 | Structure and properties of poly (lactic acid)/Sterculia urens uniaxial fabric biocomposites, J. Jayaramudu, G. Siva Mohan Reddy, K. Varaprasad, E.R. Sadiku, S. Sinha Ray and <u>A. Varada Rajulu</u> , <i>Carbohydrate Polymers</i> 94 : 822- 828, 2013.                                  |
| 30 | Physico-chemical, Tensile, and Thermal Characterization of Napier Grass (Native African) Fiber Strands, V. P. Kommula, K. Obi Reddy, M. Shukla, T. Marwala, and <u>A. Varada Rajulu</u> , <i>International Journal of Polymer Anal. Charact.</i> , 18: 303-314, 2013.                       |
| 31 | Effect of microcrystal cellulose and cellulose whisker on biocompatibility of cellulose-based electrospun scaffolds Baoquan Jia, Yutao li, Bin Yang, Di Xiao, Shengnan Zhang, <u>A. Varada Rajulu</u> , Tetsuo Kondo, Lina Zhang and Jinping Zhou, <i>Cellulose</i> , 20, 1911-1923 (2013). |
| 32 | Extraction and Characterization of Novel Lignocellulosic Fibers from <i>Thespesia lampas</i> Plant. K. Obi Reddy, B. Ashok, K. Raja Narendra Reddy, Y. E. Feng, Jun   |

	Zhang and <b>A. Varada Rajulu</b> , <i>International Journal of Polymer Anal. Charact.</i> , 19: 48-61, 2014
33	Preparation and properties of self-reinforced cellulose composite films from Agave microfibrils using an ionic liquid, K.Obi Reddy, Jinming Zhang, Jun Zhang and <b>A.Varada Rajulu</b> , <i>Carbohydrate Polymers</i> , <b>114</b> , 537-545 (2014).
34	Preparation and Characterization of Polypropylene Carbonate Bio-Filler (Eggshell Powder) Composite Films, Ye Feng, B.Ashok, K.Madhukar, Jinming Zhang, Jun Zhang, K.Obi Reddy and <b>A.Varada Rajulu</b> , <i>Int.J.Polym. Analys.Charct.</i> , <b>19</b> , 637-647 (2014).
35	Tensile and Thermal Properties of Poly(lactic acid)/Eggshell Powder Composite Films, B.Ashok, S.Naresh, K.Obi Reddy, K.Madhukar, J.Cai, L.Zhang and <b>A.Varada Rajulu</b> , <i>Int.J.Polym. Analys.Charct.</i> , <b>19</b> , 245-255 (2014).
36	Mechanical Properties, Water Absorption, and Chemical Resistance of Napier Grass Fiber Strand-Reinforced Epoxy Resin Composites, V.kommula, K.Obi Reddy, Mukul Shukla, . Tshilidzi Marwala and <b>A.Varada Rajulu</b> , <i>Int.J.Polym. Analys.Charct.</i> , <b>19</b> , Issue 8 (2014).
37	Mechanical Properties of Uniaxial Natural Fabric Grewia tilifolia Reinforced Epoxy Based Composites: Effects of Chemical Treatment, J.Jayaramudu, G.Siva Mohan Reddy, K.Varaprasad, E.R.Sadiku, S.S.Ray and <b>A.Varada Rajulu</b> , <i>Fibers and Polymers</i> , <b>15</b> , 1462-1468 (2014).
38	Properties of Cellulose/Turmeric Powder Green Composite Films., R.li, J.Cai, L.Zhang, S.Naresh and <b>A.Varada Rajulu</b> , <i>Cellulose Chemistry and Technology</i> , <b>48</b> , 321-324 (2014).
39	Preparation and Properties of Biodegradable Spent Tea Leaf Powder/Poly(propylene carbonate) composite films, Guangmei Xia, K. Obi Reddy, C. Uma Maheswari, J. Jayaramudu, Jinming Zhang, Jun Zhang, <b>A. Varada Rajulu</b> , <i>Int.J.Polym. Analys.Charct.</i> , 20: 377-387, 2015.
40	Effect of Chemicals Treatment and Fiber Loading on Mechanical Properties of Borassus (Toddy palm) Fiber/Epoxy Composites, K.Obi Reddy, <b>A.Varada Rajulu</b> , <i>Int.J.Polym. Analys.Charct.</i> , 20: 612-626, 2015.
41	Preparation and Properties of Cellulose/Waste Leather Buff Biocomposites, Guangmei Xia, V. Sadanand, B. Ashok, K. Obi Reddy, Jun Zhang & <b>A. Varada Rajulu</b> , <i>Int.J.Polym.Analys.Charct.</i> , 20: 693-703, 2015.

Prof. N. Subbirami Reddy

Books

1. Text book on Polymer Science in Telugu for B.Sc Degree.

## Department of Statistics

1. Name of the Department : STATISTICS
2. Year of establishment : 1981
3. Is the Department part of a School/Faculty of the University?  
Yes, Faculty of Physical Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
  - a) M.Sc. Statistics
  - b) M.Phil.
  - c) Ph.D.

5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Statistical Methods-I	35	36	Mathematics, Computer Science, Physical Education
OE-2	Statistical Methods-II	36	54	-do-

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**Nil**

7. Details of programmes discontinued, if any, with reasons : **Nil**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :  
**Semester with CBCS**

9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Physical Education	Yoga and Modern concepts of Yoga	09	17
2.	Computer Science	Computer Ethics	4	---
3.	Geography	Disaster management	2	--
4.	Mathematics	Mathematical Techniques for Science and Technology	2	---

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (as on 30-06-2015)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	02
Associate Professors	02	-	-
Asst. Professors	04	02	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. Of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof.K.L.A.P. Sarma*	M.Sc., Ph.D.,	Professor	Stochastic process Sampling Plans, computer Networks	28 Years	
Prof.Y.Krishna Reddy#	M.Sc., M.Phil., Ph.D	Professor	Reliability Theory Operations research	27 Years	
Prof.P.Mohammed Akhtar	M.Sc., M.Phil., Ph.D.	Professor	Sampling Plans, Data Mining, Computer Science	30 Years	
Prof. K.Pushpanjali	M.Sc., M.Phil., Ph.D.	Professor	Reliability Theory, Data Envelopment Analysis	30 Years	

# Retired on 30-06-2012, \*Retired on 31-05-2013

- 12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. Sujatha,I	Gulbarga University, Karnataka
2.	Prof. R.R.L.Kantham	Acharya Nagarjuna University, Andhra Pradesh

- 13 Percentage of classes taken by temporary faculty – programme-wise information

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	M.Sc. Statistics	01	20%
2011-12	-do-	01	20%
2012-13	-do-	02	40%
2013-14	-do-	03	50%
2014-15	-do-	03	50%

14 Programme-wise Student Teacher Ratio

Year	Programme (UG/ PG)	Student-Teacher Ratio*
2010-11	M.Sc., Statistics	6 : 1
2011-12	M.Sc., Statistics	6 : 1
2012-13	M.Sc., Statistics	14 : 1
2013-14	M.Sc., Statistics	20 : 1
2014-15	M.Sc., Statistics	20 : 1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sl. No.	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1.	Jr. Asst.	-	-	01
2.	Attender	-	-	01

14 Research thrust areas as recognized by major funding agencies : Nil

15 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. Nil

16 Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration Nil

17 Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No.	Name of the Project	Funding Agency	Period	Grants received (Rs. Lakhs)
1.	Non-SAP Infrastructure Development	UGC	2009-10 2010-11	10 lakhs 10 lakhs

20 Research facility / centre with

- a. state recognition :
- b. national recognition :
- c. international recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

**22. Publications:** (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	04	10	04		01
a)	National	02	01	--	--	--
b)	International	02	09	04	--	01
2.	Monographs					
3.	Chapters in Books					
4.	Edited Books					
5.	Text/ Reference books					
6.	Number listed in International Database					
7.	Citation Index – range / average					
8.	Impact Factor – range / average					
9.	h-index					

23 Details of patents and income generated : Nil

24 Areas of consultancy and income generated : Nil

25 Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26 Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil

27 Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). : Nil

28 Student projects

Percentage of students who have done in-house projects including inter-departmental projects : Nil

Percentage of students doing projects in collaboration with other universities / industry / institute : Nil

29 Awards / recognitions received at the national and international level by

30 Faculty : Nil

31 Doctoral / post doctoral fellows : Nil

32 Students

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1.	G.Venkatesulu	Prathibha	State Govt. Of A.P.	June,2015

33 Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any. : Nil

34 Code of ethics for research followed by the department:

Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism

35 Student profile programme-wise:

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications Received</i>	<i>Selected</i>		<i>Pass percentage</i>	
		<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
UG/PG programme					
2010-11	128	9	3		
2011-12	106	11	1	100	100
2012-13	134	8	10	100	100
2013-14	186	9	10	100	100
2014-15	214	10	10	100	100
M. Phil.	--	--	--	--	--
Ph.D.	1(ONE) Inspire Fellow	1(one)	--	--	--

36 Diversity of students

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
UG/ PG programme	M.Sc.,			
2010-11	90%	10%		
2011-12	78%	22%	--	--



**Sri Krishnadevaraya University, Ananthapuramu**

2012-13	80%	20%	---	---
2013-14	90%	10%	---	---
2014-15	85%	15%	---	---
M.Phil.				
Ph.D.				

37. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Nil**

40. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	Not Applicable
PG to M.Phil.	NIL
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	NIL
Employed - Campus selection	NIL
Other than campus recruitment	50%
Entrepreneurs	--

36. **Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
<i>Of the same University</i>	----
<i>From other universities within the State</i>	100%
<i>From universities in other states</i>	---
<i>From universities outside the country</i>	----

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Nil
- b) Internet facilities for staff and students : yes
- c) Total number of class rooms : 3 three
- d) Class rooms with ICT facility : 2 two
- e) Students' laboratories : one
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/ University

- i) Dr. B.R.N.Murthy
- ii) Dr.A.Janaki Ram
- iii) Dr. P.Chandra Sekhar
- iv) Dr. P.Lakshmi, Ph.D.
- v) Dr. C.Manmatheswara Reddy
- vi) Dr. R.P.Sridevi, Ph.D.
- vii) Dr. B.R. Sreedhar, Ph.D.

b) from other institutions/ universities : **Nil**

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11		02	06		
2.	2011-12		03	06		
3.	2012-13		02	05		
4.	2013-14		03	05		
5.	2014-15		03	06		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Not Applicable

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Every three years revising the M.Sc., Statistics Syllabus in External Board of Studies meetings and every year we are updating the syllabus according to the necessities.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

*Improving the teaching methods on the basis of feedback of students on staff.*

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, through conferences/ seminars and e-mail, and the feedback is used for revising the curriculum.

43. List the distinguished alumni of the department (maximum 10)

- Mr.Khadar Basha, Dy. Superintendent of Police
- Dr. Ravindra Reddy, Asst. Professor, Agriculture University, Tirupathi
- Dr. K.Bhavani, P.O. Syndicate Bank.
- Mr. Somasekhar, P.O. Syndicate Bank.
- Mr. Ranga Reddy, Asst. Statistical Officer
- Mr. Viswanath, S.I of Police
- Mr. Harsha vardhan, Asst. Statistical Officer.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. : Nil

45. List the teaching methods adopted by the faculty for different programmes.

- Discussing with students at the end of every class.
- Random Students seminars in the classes.
- Using Latest equipment in the class rooms such as Interactive panels.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
*Through Student's' feed back.*
47. Highlight the participation of students and faculty in extension activities.  
*The students are participating in Sports and NSS programmes.  
One of the Faculty working as Co-ordinator, UG Examinations.*
48. Give details of “beyond syllabus scholarly activities” of the department.  
*The students are participating in Sports activities and N.S.S. activities.*
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
*The Department of Statistics has been involved in Data Analysis work of researchers in all the other departments for the award of their M.Phil., and Ph.D., degrees. For this Analysis the Department has developed some statistical computer programm which are useful for researchers.*
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

- a) Expertise in any type of Analysis of Data.
- b) Department equipped with a computer lab.
- c) Course includes Computer related papers, useful for promoting research
- d) The Department has latest teaching equipment in the Class rooms such as Interactive panels.

**Weaknesses**

- a) Shortage of Faculty
- b) Most of the students are coming from the background of telugu medium

**Opportunities**

- a) The Department of Statistics has a computer Lab with 25 computers which are very much useful to the students to make practice on them.
- b) In the Department we have a smart Class room with Interactive panel and LCD projector.
- c) In M.Sc., Statistics we have a computer oriented paper “Data Analysis using Statistical Software” with a latest “R-Software & Language” which is very useful to our students in System analysts.
- d) In the M.Sc., Statistics we also provided necessary Mathematical Background to the students.
- e) We are conducting regular Seminars to all the students in all the Papers.

**Challenges**

- a) Employability of students, as there is demand for Statistics Subject in almost all fields.
- b) Inadequate Computer Lab facilities in the Department.
- c) Shortage of experienced faculty to introduce another course like M.Sc.,(Statistics and Computer Science).
- d) Training of students from poor academic background

52. **Future plans of the department.**

The Department plans to introduce M.Sc. Statistics with Computer Science course, which is very much useful in getting jobs to the students in various Computer Software companies, and as Systems Analysts in various companies like Medical and Health care institutions, etc., provided adequate staff is available.

**ANNEXURE-I:  
LIST OF PUBLICATIONS**

**Prof K.L.A.P. Sarma**

1. K.L.A.P. Sarma, and Mythili Subramanian (2011) "Designing and development of Computer Programs for estimating Areas of Shapes – A simulation Approach" Bullietin of Pure and Applied Sciences Volume 30 E (Math & Stat.) issue (No.1) 2011. Pp 31 – 52. **ISSN 0970 – 6577.**
2. K.L.A.P. Sarma, Mythili Subramanian (2012) "Design and Development of an Area estimating system to find the Body Surface Area affected by Vitiligo Using Simulation Approach" Published in the E-journal International Journal of Advanced Research In Computer Science and Software Engineering. **Paper ID: V2130035** appeared in Volume 2 Issue 3 of IJARCSSE , Website Address: [www.ijarcsse.Com/http://ijarcsse.Com/March2012.php](http://www.ijarcsse.Com/http://ijarcsse.Com/March2012.php).
3. K.L.A.P. Sarma, Mythili Subramanian (2012) "design and Development of Computer Procedures to Estimate Area of Irregular Shapes" Accepted for publication in the International Journal of Computer and information and Technology (E-journal) Paper ID: 943.
4. K.L.A.P. Sarma, Ramesh Reddy, P (2012) "Faculty Stress at Higher Educational Institutions – A Statistical Study" Published in the International Journal of Business, Management and Social Sciences" Vol. 1. Issue 8(1), April 2012 pp.56 – 59. ISSN: 2249 – 7463.
5. K.L.A.P. Sarma,G.S. Devasena (2012) "Analytic Solutions of a Stochastic Banking Model with upper Truncated Amount of withdrawals" Published in the Bulletin of Pure and Applied Scieces, Volume 31 E (Math & Stat) Issue (no.2) 2012 pp 267-274.
6. K.L.A.P. Sarma, P.Ramesh Reddy and Ankireddy Sailaja(2013) "Sources of Job Stress in Engineering Faculty: A Statistical Study" IJMT Vol.3 Issue 7, june 13 pp 205 – 221. ISSN:2249-1058.

**Prof. Y. Krishna Reddy**

1. Krishna Reddy,Y, Manmatheswara Reddy, Venkataramudu,B (2011) "An optimal arithmetic – geometric process replacement problem for a two unit cold stand by repairable system, IJCAM, Vol.6 No. 1, pp13-22.
2. Krishna Reddy, Y, Janaki Ram, Venkataramudu,B, (2011) " an optimal replacement policy for single unit cold stand by system using Arthmetico – geometric process" International journal of Statistics and Analysis, Vol. 1 No.1, pp71-83.
3. Krishna Reddy, Janaki Ram, Venkataramudu,B, (2012) "Optimal Replacement Policy for a two unit cold standby system using geometric process, IJSA,Vol.2, No.1, pp.59-66.

**Prof.P.Mohammed Akhtar**

1. Narayana Murthy, B.R., Akhtar, P.Md and Venkata Ramudu, B. (2012) "Optimization of CASP-CUSUM Schemes based on TrunCated Log-Logistic Distribution", Bulletin of Pure and Applied Sciences,Vol-31 E(Maths&Statistics) No.2, pp.243-255.
2. Chandra Sekhar,P and P.Md.Akhtar(2013) " Advantages of using Laplacian kernel over Gaussian RBF in a support Vector Machine ", International Journal of Merging technology Advanced Research in Computing, Issue IV, Vol1, ISSN:2320-1363, .10.
3. Narayana Muryhy ,B.R., Akhtar,P.Md and Venkata Ramudu,B.(2013)" Optimization of CASP-CUSUM Schemes based on TrunCated Rayleigh Distribution",

International journal of Engineering Research and Development, ISSN:2278-067Y, Vol-6, No.2,pp.37-44.

4. Chandra Sekhar,P and P.Md.Akhtar(2013) “ Support Vector Classifier using Cauchy Laplacian Product Kernel “, International Journal of Computer Science Information and Engg. Technologies, ISSN-2277-4408, pp.1-9.
5. Narayana Muryhy ,B.R., Akhtar,P.Md and Venkata Ramudu,B.(2015)“Optimization of CASP-CUSUM Schemes Based on truncated Log-logistic Distribution Using Lobatto Integration Method”, International Journal of Emerging Technology and Innovation Engineering , ISSN:2394-6598, Vol-1,

**Prof.K.Pushpanjali**

1. Sreedhar.B.R.,Pushpanjali,K.,Sager,G.Y.,Reddy,Y.R.(2011) “ Evaluation of System Availability and Frequency of Failures with lethal and non-lethal CCS failures by Maximum Likelihood Estimation”. Proceedings of International Congress On Productivity, Quality Reliability Optimization and Modeling, Vol1.pp.75-80.
2. Sreedhar.B.R., Pushpanjali,K.,Sager,G.Y.,Reddy,Y.R.(2012)“Stochastic Analysis of a three Component Genetical System under influence of two kinds of Common Cause Shock Failures” International Journal of Enginnering Science and Technology, ISSN: 0975-5462,Vol.4, No.6, pp.267-269.
3. Sreedhar.B.R., Pushpanjali,K.,Sager,G.Y.,Reddy,Y.R.(2012)“Estimation of The Reliability Measures of a System with Human Errors and Common Cause Failures”. International Journal of Computer Applications, USA, Vol.49. No.18, pp.22-28.
4. Sreedhar.B.R., Pushpanjali,K.,Sager,G.Y.,Reddy,Y.R.(2012)“MLEstimation of the Reliability Measures of a Two unit System in the presence of Two kinds of CCS Failures” ARPN Journal of Engineering and applied sciences (International journal),Vol.7, No.8,pp.980-986.
5. Sreedhar. B.R.,Pushpanjali,K.,Sager,G.Y.,Reddy,Y.R.(2012)“Maximum Likelihood Estimation for Availability Measures of a Three Component Identical System in the present of Human Errors and CCS Failures “ American Journal of Mathematics and Statistics, USA, Vol.2, No.6, pp191-198.

## Department of Adult, Continuing Education & Extension

1. **Name of the Department** : **Adult, Continuing Education & Extension**
2. **Year of establishment** : **1985**
3. **Is the Department part of a School/Faculty of the University?**  
**Yes, Faculty of Social Sciences**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
  1. M.A., Adult, Continuing Education & Extension
  2. M.Phil.
  3. Ph.D.
5. **Interdisciplinary programmes and departments involved**

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Human Resource Development (HRD)	23	55	Physical Education, English, Political Science, Telugu.
OE-2	Career Guidance & Counseling (CG&C)	---	31	Physical Education.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : **Nil**
7. **Details of programmes discontinued, if any, with reasons** : **Nil**
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
**Semester with CBCS**
9. **Participation of the department in the courses offered by other departments**

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Economics	Economic Development of India and Andhra Pradesh	03	-----
		Economics of Social Sector	-----	03
2.	History	National Movement	02	-----
		Leaders of Modern India	-----	02
3.	Political Science	Centre State Relations in India	04	-----
		Recent Trends in Indian's Foreign Policy	-----	04
	Public Administration	Centre State Relations in India	-----	01
4.	Rural Development	Rural Development Policies and Programmes in India	06	05
		NGO's and Participatory Approaches to Rural Development	-----	06
5.	Library Science	Electronic Information Sources and Services	-----	06



**Sri Krishnadevaraya University, Ananthapuramu**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (Details as on 30-06-2015)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	-	-	01
Associate Professors	-	-	01
Assistant Professor	02	01	-
Others (Teaching Assistant)			

- 11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Designa- tion</i>	<i>Speciali- zation</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Dr. G. Vidya Sagar Reddy	M.Com., LL.B. M.Phil., Ph.D.	Associate Professor	Adult Education	25 years	2 Ph.Ds

- 12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. Ch. Uma Mohan (Rtd)	Dept. of Sociology, S.K.University, Anantapuramu.
2.	Dr. G.V.R.R Prasad	Deputy Director (Rtd), Directorate of Adult Education, Hyderabad.

- 13 Percentage of classes taken by temporary faculty – programme-wise information

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2012-13	PG	2 (Teaching Assistants)	60
2013-14	PG	2 (Teaching Assistants)	60
2014-15	PG	2 (Teaching Assistants)	60

- 14 Programme-wise Student Teacher Ratio

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG	15:1
2011-12	PG	15:1
2012-13	PG	15:1
2013-14	PG	10:1
2014-15	PG	10:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled  
and actual

Sl. No.	Designation	No. of Posts	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1	Accounts Clerk	01	-	01	01
2	Attender	-	-	-	01

## 16 Research thrust areas as recognized by major funding agencies

Sl. No.	Research thrust area	Name(s) of the funding agency
1.	Life Long Learning & Extension	UGC
2.	Economic Development of Women in SHGs	ICSSR

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1	Dr. G. Vidya Sagar Reddy	Scheme of Lifelong Learning & Extension	UGC	2011-12	11.00
			UGC	2012-13	11.00

18 Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: **Nil**

Nil

20. Research facility / centre

Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22 **Publications:** (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:					
a)	National	01	---	---	01	---
b)	International	---	---	---	04	03
2.	Monographs	---	---	---	---	---

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3.	Chapters in Books	01	02	01	01	05
4.	Edited Books	---	01	---	---	---
5.	Text/ Reference books	---	---	---	02	02
6.	Number listed in International Database					
7.	Citation Index - range / average					
8.	Impact Factor - range / average					1.393 to 2.2052
9.	h-index					

21. Details of patents and income generated **-No-**
22. Areas of consultancy and income generated **-No-**
23. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **: Nil**
24. Faculty serving in **: Nil**
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects : **IV Semester (PG) Project - 100 %**
  - percentage of students doing projects in collaboration with other universities / industry / institute: **Nil**
29. Awards / recognitions received at the national and international level by : **Nil**
- Faculty
  - Doctoral / post doctoral fellows
  - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1	Lifelong Learning: Issues and Challenges (National	Dr. G. Vidya Sagar Reddy	UGC	26 <sup>th</sup> & 27 <sup>th</sup> Dec, 2011.	<b>Prof. Sugun Bhatia</b> President, Indian University Association for Continuing

	<b>Seminar)</b>				<p>Education, University of Delhi, Delhi.</p> <p><b>Prof. K. Venkata Reddy</b> Former Principal, S.K.University College, Anantapuramu.</p> <p><b>Dr. G.V.R.R Prasad</b> Deputy Director (Rtd) Directorate of Adult Education, Hyderabad.</p> <p><b>Prof. P. Adinarayana Reddy</b> Former Registrar, Dravidian University, Kuppam &amp; Director, Dept. of Adult &amp; Continuing Education, S.V.University, Tirupathi.</p>
2	Lifelong Learning and Sustainable Development <b>(National Seminar)</b>	Dr. G.Vidya Sagar Reddy	UGC	1 <sup>st</sup> & 2 <sup>nd</sup> Feb, 2013.	<p><b>Prof. A. Ramachandra Reddy</b> Vice-Chancellor Yogi Vemana University, Kadapa.</p> <p><b>Prof. K. Venkata Reddy</b> Former Principal, S.K.University College, Anantapuramu.</p> <p><b>Dr. G.V.R.R Prasad</b> Deputy Director (Rtd) Directorate of Adult Education, Hyderabad.</p> <p><b>Prof. P. Adinarayana Reddy</b> Former Registrar, Dravidian University, Kuppam &amp; Director, Dept. of Adult &amp; Continuing Education, S.V.University, Tirupathi.</p>
3	Value-based Education and Professional Ethics in the Changing Global Scenario in	Dr. G. Vidya Sagar Reddy	UGC	13 <sup>th</sup> & 14 <sup>th</sup> March , 2014.	<p><b>Prof. L. Venugopal Reddy</b> Chairman, A.P State Council of Higher Education.</p>

	the 21 <sup>st</sup> Century (National Seminar)				<p><b>Prof. K. Venkata Reddy</b> Former Principal, S.K.University College, Anantapuramu.</p> <p><b>Dr. G.V.R.R Prasad</b> Deputy Director (Rtd) Directorate of Adult Education, Hyderabad.</p> <p><b>Prof. P. Adinarayana Reddy</b> Former Registrar, Dravidian University, Kuppam &amp; Director, Dept. of Adult &amp; Continuing Education, S.V.University, Tirupathi.</p>
4	Material Development of Source Book (National Workshop)	Dr. G. Vidya Sagar Reddy	UGC	17 <sup>th</sup> & 18 <sup>th</sup> Oct, 2011.	<p><b>Prof. K. Parthasaradhy</b> Ex Syndicate Member Bhrathidasan University Thiruchirapalli, Tamil Nadu.</p> <p><b>Prof. P. Adinarayana Reddy</b> Former Registrar, Dravidian University, Kuppam &amp; Director, Dept. of Adult &amp; Continuing Education, S.V.University, Tirupathi.</p> <p><b>Dr. G.V.R.R Prasad</b> Deputy Director (Rtd) Directorate of Adult Education, Hyderabad.</p>

31. **Code of ethics for research followed by the departments**

In order to avoid duplication of research work, there is a practice in the department that, besides the plagiarism test, the research scholars are required to give two seminars before the departmental research committee – one at the time of submission of synopsis and the other before the submission of final thesis as to ensure ethical standards and code of conduct in research.

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11	102	13	02	100 %	100 %
2011-12	102	13	02	100 %	100 %
2012-13	99	11	04	100 %	100 %
2013-14	99	11	04	100 %	100 %
2014-15	90	11	04	100 %	100 %
M. Phil.	---	---	---	---	---
Ph.D.	04	04	---		

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	80 %	20%	----	----
2011-12	60%	40%	----	----
2012-13	70 %	30%	----	----
2013-14	80 %	20%	----	----
2014-15	70 %	30%	----	----
M.Phil.	----	----	----	----
Ph.D.	100%	----	----	----

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11						
2.	2011-12					01	02
3.	2012-13					01	
4.	2013-14	01				03	02
5.	2014-15						02

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	----
PG to M.Phil.	----
PG to Ph.D.	33%
Ph.D. to Post-Doctoral	6.66%
Employed	

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Campus selection	Nil
Other than campus recruitment	50%
Entrepreneurs	Nil

**36. Diversity of staff**

Percentage of faculty who are graduates	
Of the same University	-----
From other universities within the State	-----
From universities in other states	100%
From universities outside the country	-----

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

**Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- a) **Library** : Department Library with 203 books
- b) **Internet facilities for staff and students** : Yes
- c) **Total number of class rooms** : 2
- d) **Class rooms with ICT facility** : LCD Projector
- e) **Students' laboratories** : Not Applicable
- f) **Research laboratories** : Not Applicable

**39. List of doctoral, post-doctoral students and Research Associates**

**a) from the host institution/University**

1. A. Narasimha Murthy - Ph.D.
2. P. Ravi - Ph.D.
3. G. Gangadhara - Ph.D.
4. B. Kannaiah - Ph.D.

1. H.T. Thippeswamy - UGC Rajiv Gandhi National Fellowship
2. S. Pratap - UGC Post-Doctoral Fellowship
3. H.T. Thippeswamy - ICSSR Post-Doctoral Fellowship

**b) from other institutions/universities : Nil**

**40. Number of post graduate students getting financial assistance from the University:**

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11		2	6		
2.	2011-12		4	5		
3.	2012-13		4	6		04
4.	2013-14		6	8		04
5.	2014-15		7	14		00



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **No**
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Yes, takes the opinion and suggestions on the curriculum and teaching –learning-evaluation in the departmental meetings. The Department utilises the feedback at the time of BOS meeting for restructuring the existing curriculum and modify the methodology of teaching, learning and evaluation.
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Yes, takes the feedback from the students through informal discussions in the classroom about the curriculum and teaching methodologies followed by faculty.
  - alumni and employers on the programmes offered and how does the department utilize the feedback?  
The Department obtains/gets the feedback from the alumni about the uses of the programmes offered by the department. Accordingly the Department implements the suggestions offered by alumni in the departmental meetings and meetings of the BOS.
43. List the distinguished alumni of the department (maximum 10)
1. Suryanarayana (Assistant Labour Officer)
  2. C. Maddulety (Assistant Statistical Office)
  3. M. Ramanjaneyulu (Librarian, Govt. Junior College)
  4. Yerriswamy (Secondary Grade Teacher)
  5. Narayana Das (Secondary Grade Teacher)
  6. Venkata Ratnam (Secondary Grade Teacher)
  7. C. Bhaskara (Group-D, RRB, Hubli Zone)
  8. G.K. Mukunda (Village Revenue Officer)
  9. S. Narayanaswamy (Panchayat Secretary)
  10. C. Ankalappa Naidu (Village Revenue Officer)
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	---	---
2.	2011-12	Prof. K. Parthasaradhy Prof. P. Adinarayana Reddy Dr. G. V. R. R. Prasad	Workshop
		Prof. Sugun Bhatia Prof. K. Venkata Reddy	Seminar

3.	2012-13	Prof. A. Ramachandra Reddy Prof. K. Venkata Reddy	Seminar
4.	2013-14	Prof. L. Venugopal Reddy Prof. K. Venkata Reddy	Seminar
5.	2014-15	---	---

45. **List the teaching methods adopted by the faculty for different programmes.**  
The faculty members use different teaching methods for different programmes to have best outcome – Lectures, group discussions & presentations are used in theory classes, whereas demonstrations and presentations are used in practical sessions. Project methods, extension lectures and seminars are used in field intervention programmes.
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**  
Self-assessment & Feedback from students
47. **Highlight the participation of students and faculty in extension activities.**
- Training programmes organized for youth, Literacy / Government & NGO functionaries, Students and Non-student youth
  - Student Counseling and Career Guidance Camps
  - Community based Awareness Programmes
  - Free Medical Camps
- (Details are given in Annexure – II)**
48. **Give details of “beyond syllabus scholarly activities” of the department.**
- International Literacy Day Programme (every year)**
  - National Education Day (2013)**
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**
- Life Long Learning  
Literacy promotion  
Health & Sanitation  
Promoting women literacy in the District
- The Department brought out a Source Book on “Adult and Lifelong Education” – Dr. G. Vidya Sagar Reddy, APH Publishing Corporation, New Delhi. ISBN: 978-93-313-1697-4, 2012 and
  - A Book on “Continuing Education: A Strategy for Women Development – Dr. G. Vidya Sagar Reddy, Laxmi Book Publication, Raviwar Peth, Solapur. Maharashtra. India. ISBN: 978-1-312-85611-0, 2014.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

- a. Extension activities, commitment, dedication, pursuance.
- b. Organising training programmes.
- c. Organising orientation programmes.
- d. Organising Community counselling.
- e. Female literacy promotion campaigns.

**Weaknesses**

- a. Lack of Teaching faculty.
- b. Lack of Funding for extension activities by the University.
- c. Non-allocation of UGC funds by the University.
- d. Lack of Accommodation (space).
- e. Limitation of transport and accommodation for community extension programs.

**Opportunities**

- a. Adequate freedom with faculty members in designing course curriculum and also to conduct extension activities under the UGC scheme of lifelong learning and extension.
- b. Sufficient opportunities for undertaking research activities.
- c. Sufficient employer organizations and NGOs are available in close vicinity and good numbers of employed alumni are readily available to interact with department and students and enhance department-industry relations.
- d. To obtain new information and knowledge, internet facilities have been provided to all teachers.

**Challenges**

- a. To percolate the extension function to every department of University and to make the departments understand and accept extension as a third dimension.
- b. To enhance Community-University-Industry interaction.
- c. Integration of ICT in educational process to enhance quality of teaching.
- d. Catering to the diverse needs of students and bring uniformity in learning experience.

52. Future plans of the department.

**Teaching**

To increase employability of students by providing soft skills.

**Research**

To undertake research projects in the areas of Development, Extension, Communication, Extension Management, Training Needs, etc.

**Extension**

To undertake community extension activities on a regular basis.

**Annexure - I**

**Details of Publications**

**A. Books:**

1. Adult and Life Long Education – Dr. G. Vidya Sagar Reddy, APH Publishing Corporation, New Delhi. ISBN: 978-93-313-1697-4, (2012).
2. Women Empowerment - Dr. G. Vidya Sagar Reddy, Book Enclave Publishers, Dhamani Street, Choura Rasta, Jaipur, Rajasthan. ISBN: 978-81-8152-364-8, (2014).
3. Methods of Modern Education- Changing Perspective – Dr. G. Vidya Sagar Reddy, SBW Publishers, Darya Ganj, New Delhi. ISBN: 978-81-8570-828-7, (2014).
4. Literacy Achievement and Women Empowerment – Dr. G. Vidya Sagar Reddy & Dr. G. Vasudevaiah, Commonwealth Publishers Pvt. Ltd. Ansari Road, New Delhi. ISBN: 978-81-311-0523-8, (2014).
5. Continuing Education: A Strategy for Women Development – Dr. G. Vidya Sagar Reddy, Laxmi Book Publication, Raviwar Peth, Solapur. Maharashtra. India. ISBN: 978-1-312-85611-0, (2014).

**A) Research Papers in Journals:**

Sl. No	Title of the Paper	Name of the Journal	Year
1.	A Study on Economic Transformation of Scheduled Castes in Anantapur District	Journal of Adult Education and Extension Vol. 7&8 (By Dept. of Adult and Continuing Education, Tirupati)	2011
2.	Role of Education in Social Transformation	Journal of Research, Extension and Development, Vol.1, No.11, ISSN No. 2319-1899	July, 2013
3.	Self-Help Groups in Income Generating Activities	Golden Research Thoughts, Vol.3 Issue 4, ISSN No. 2231-5063	Oct, 2013
4.	Technology and Its Impact on Social Changes: Some Positive and Harsh Realities	International Journal of Physical and Social Sciences, Vol.3, Issue-10, ISSN No.2249-5894 <b>(Referred Journal)</b>	Oct,2013
5.	Socio-Economic Development of Scheduled Castes during Five Year Plans in India	Education and Welfare (An International Journal of Education and Humanities), Vol. II, No.1, ISSN No. 2320-1762	Jan-Dec, 2013
6.	Education and Globalization: Challenges and Opportunities	International Journal of Contemporary Issues, Vol. 1, Issue.4, ISSN No.2321-8576	Jan-March, 2014
7.	Role of Media in propagation of Adult Education – An Overview	Journal of International Academic Research for Multidisciplinary Vol. 2,	August, 2014

		Issue. 7, pp. 205-213, ISSN No. 2320-5083 ( <b>Impact Factor: 1.393</b> )	
8.	Life-Long Learning: An Inclusive Strategy for Development	Golden Research Thoughts (International Journal), Vol. IV, Issue. III, pp. 1-4, ISSN No. 2231-5063, <b>Impact Factor: 2.2052 (UIF)</b>	September, 2014
9.	Life Long Learning: A Key for building Knowledge Society pp. 249-254	Education Plus (International Journal), Vol. III, No.1, ISSN No. 2277-2405	Jan-Dec, 2014

**B) Chapters/Articles in Edited Books:**

Sl. No	Title of the Paper	Name of the Book	Year
1.	Pragmatic Strategies for People's Participation in Sustainable Development	People's Participation in Development, Edited by Prof. K. Sudha Rani, Discovery Publishing House Pvt. Ltd., New Delhi. PP.243-251. ISBN No. 978-81-8356-916-3	2011
2.	Participation of Women in Income Generation Activities	Women and Work Participation: Status and Training Opportunities, Edited by Prof. P. Adinaraya Reddy, Dr. B. Syam Mohan David & Dr. R. B. Satyavathi, Sonali Publications, Darya Gunj, New Delhi. ISBN No. 978-81-8411-300-6.	2011
3.	Management of Adult Education	Adult and Lifelong Education, Edited by Dr. G. Vidya Sagar Reddy, APH Publishing Corporation, Darya Gunj, New Delhi. PP. 135-148, ISBN No. 978-93-313-1697-4.	2012
4.	Factors Contributing for Successful Implementation of Saakshar Bharat	Spectrum of Literacy, Edited by Dr. P.Viswanadha Gupta & Prof. B.S.Vasudeva Rao, Discovery Publishing House Pvt. Ltd. New Delhi. PP. 126-133. ISBN No. 93-5056-318-5	2013
5.	Management of Vocational Education in India – A Study	Vocational Education and Training: Youth and Development, Edited by Prof. P. Adinarayana Reddy & Dr. D. Uma Devi, Sarup Book Publishers Pvt. Ltd. New Delhi. PP. 195-204. ISBN No. 978-81-7625-954-5.	2014
6.	A Study of the Relationship between the Degree of Hearing Impairment and the Mean Length of Utterance	Inclusive Education – Quality Aspect, Edited by Dr. M.T.V. Nagaraju, Commonwealth Publishers Pvt. Ltd., New Delhi. PP. 101-108. ISBN No. 978-81-311-0530-6.	2014

7.	Management of Adult Education	Dimensions of Adult and Continuing Education, Edited by T. Kumaraswamy, Commonwealth Publishers Pvt. Ltd. Ansari Road, New Delhi. PP No. 215-234, ISBN No. 978-81-311-0549-8.	2015
8.	Leadership	Dimensions of Adult and Continuing Education, Edited by T. Kumaraswamy, Commonwealth Publishers Pvt. Ltd. Ansari Road, New Delhi. PP No. 235-247, ISBN No. 978-81-311-0549-8.	2015
9.	Career Guidance and Counselling	Handbook of Adult and Continuing Education, Edited by T. Kumaraswamy, Commonwealth Publishers Pvt. Ltd. Ansari Road, New Delhi. PP No. 353-371, ISBN No. 978-81-311-0548-1.	2015
10.	Adult Education and Economic Development	Adult Education and National Development, Edited by Dr. B. Krishna Reddy, Society for Promotion of Adult Continuing Education (SPACE) & State Resource Centre for Adult and Continuing Education, Hyderabad. PP No. 211-222.	March, 2015

**Annexure - II**

**a) Training programmes organized for youth, Literacy / Government & NGO functionaries, Students and Non-student youth**

Sl. No.	Name of the Programme	Venue	Date
1	Workshop cum Training Programme for Sakshara Bharath Mandal Literacy Co-ordinators of Anantapur District	Dept. of Adult, Continuing Education & Extension	01.02.2012
2	Orientation Training Programme for Mandal Literacy Co-ordinators Anantapur Rural & Rappthadu Mandal on Saakshara Bharath	Dept. of Adult, Continuing Education & Extension	17.02.2012
3	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Bathapalli Mandal of Anantapur District	Junior College at Bathalapalli	13.02.2012
4	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Rayadurg & Gummagutta Mandal of Anantapur District	M P D O Office Rayadurg Mandal	16.02.2012

5	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Anantapur Rural & Rappthadu Mandal of Anantapur District	Dept. of Adult, Continuing Education & Extension	17.02.2012
6	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Kadiri Mandal of Anantapur District	M P D O Office Kadiri	
7	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Puttaparthi and Bukkapatnam Mandals of Anantapur District	MPDO Office at Puttaparthi	06.03.2013
8	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Garladinne & Pamidi Mandals of Anantapur District	MPDO Office at Garladinne	07.03.2013
9	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Anantapur Rural, Tadipatri, Yellanur & Putlur Mandals of Anantapur District	MPDO Office at Tadipatri	19.03.2013
10	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Madakasira & Amarapuram Mandals of Anantapur District	MPDO Office at Madakasira	20-03-2013
11	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Kanaganapalli & Ramagiri Mandals of Anantapur District	MPDO Office at Kanaganapalli	23-03-2013
12	Workshop cum Training Programme for Village Literacy Coordinators on Saakshara Bharath of Uravakonda & Vidapanakal Mandals of Anantapur District	MPDO Office at Uravakonda	28-03-2013

**b) Student Counseling and Career Guidance Camps**

Sl. No.	Name of the Programme	Where Held	Date	Name of the Faculty Member (s)
1	Career Guidance and Counseling Programmes	SKU College of Engineering S.K.University Anantapur	06.02.2012	Dr. G.Vidya Sagar Reddy
2	Career Guidance and Counseling Programmes	Sri Krishnadevaraya Institute of Management S.K.University Anantapur	06.02.2012	
3	Career Guidance and Counseling	Dept. of Commerce, S.K.University	02.03.2013	



	Programme for PG Students	Anantapur		
4	Career Guidance and Counseling Programmes for Engineering Students	SKU College of Engineering, S.K.University Anantapur	22.03.2013	
5	Career Development Programme for women of SC Community	At Chiyyedu Village of Anantapur District	27.03.2013	
6	Career Guidance and Counseling Programmes for Engineering Students	SKU College of Engineering, S.K.University Anantapur	30.03.2013	Dr. G.Vidya Sagar Reddy

**c) Community based Awareness Programmes**

Sl. No.	Name of the Programme	Where held	Date	Name of the Faculty Members
1	International Literacy Day Celebrations	Chiyyedu Village at Anantapur District	08.09.2010	Dr. G.Vidya Sagar Reddy
2.	International Literacy Day Celebrations	Sri Krishnadevaraya University, Anantapur.	08.09.2012	Dr. G.Vidya Sagar Reddy
3.	Safe drinking, Sanitation & Hygiene Programme	Chinnakunta Village of Anantapur District	21.03.2013	Dr. G.Vidya Sagar Reddy
4.	Safe drinking, Sanitation & Hygiene Programme	Kandukuru Village of Anantapur District	22.03.2013	Dr. G.Vidya Sagar Reddy
5.	Safe drinking, Sanitation & Hygiene Programme	Lattavaram Village of Anantapur District	28.03.2013	Dr. G.Vidya Sagar Reddy
6.	Safe drinking, Sanitation & Hygiene Programme	Rachanapalli Village of Anantapur District	29.03.2013	Dr. G.Vidya Sagar Reddy
7.	Safe drinking, Sanitation & Hygiene Programme	Kodimi Village of Anantapur District	29.03.2013	Dr. G.Vidya Sagar Reddy
8.	Safe drinking, Sanitation & Hygiene Programme	Chiyyedu Village of Anantapur District	30.03.2013	Dr. G.Vidya Sagar Reddy

**d) Free Medical Camps**

<b>Sl. No.</b>	<b>Name of the Programme</b>	<b>Where held</b>	<b>Date</b>	<b>Name of the Faculty Members</b>
1.	Free Medical Camp	Akuthotapalli Village of Anantapur District	03-03-2013	Dr. G.Vidya Sagar Reddy
2.	Free Medical Camp	Kandukur Village of Anantapur District	24-03-2013	Dr. G.Vidya Sagar Reddy

## Department of Economics & Applied Economics

1. Name of the Department : Economics & Applied Economics
2. Year of establishment : 1972-73
3. Is the Department part of a School/Faculty of the University? :  
Yes, Faculty of Social Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :  
 (a). P.G (Economics)  
 (b). P.G (Applied Economics)  
 (c). M.Phil in Economics  
 (d). Ph.D. in Economics
5. Interdisciplinary programmes and departments involved

The Department is offering the following Open Elective papers under CBCS and the number of students from other Departments opting for the Open Elective papers:

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Economic Development of India and A.P.	76	91	Commerce, M.B.A, R.D, Political Science, MLISc, M.S.W, English & Telugu
OE-2	Economics of Social Sector	76	91	Commerce, M.B.A, R.D, Political Science, MLISc, M.S.W, English & Telugu

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
Nil
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
Semester with Choice Based Credit System for PG courses
9. Participation of the department in the courses offered by other departments  
The number of students of the Department opting for Open Elective papers offered by other departments are as follows:

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	English	1. English for Communication 2. General Literature	8	11
2.	Political Science & Public Administration	1. Centre-State Relations in India 2. Recent Trends in India's Foreign Policy	13	15

3.	Rural Development	1. Rural development policies and programmes in India 2. Non-Governmental Organisations and Participatory Approaches for Rural Development	30	26
4.	History	1. National Movement 2. Leaders of Modern India	20	20

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	03	01	07
Associate Professors	02	01	-
Assistant Professors	08	05	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Sl. No</i>	<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
1.	Prof. G.Satya narayana*	Professor	M.A., M.Phill., Ph.D.	Industrial Economics	32	14
2.	Prof. M.Jaya Raj	Professor	M.A., M.Phill., Ph.D.	Poverty Alleviation Programme	28	10
3.	Prof.K. Dasaratha Ramaiah	Professor	M.A., Ph.D.	Local Finance	24	08
4.	Prof.M.D.Bav aiah	Professor	M.A., M.Phill., Ph.D.	Public Economics	24	01
5.	Prof.M.Siva sankaraiah	Professor	M.A., M.Phill., Ph.D.	Transport Economics	22	04
6.	Prof. P.Ramappa	Professor	M.A., M.Phill., Ph.D.	Rural Banking	22	02
7.	Prof. G. Venkata Naidu	Professor	M.A., Ph.D.	Rural Banking	17	05
8.	Prof. K.Thulasi	Professor	M.A., M.Phill.,	Tribal Economics	16	02

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	Naik		Ph.D.			
9.	Dr. G. Jayaraju#	Associate Professor	M.A., M.Phill., Ph.D.	Poverty Alleviation Programme	15	02

\* retired on 30-06-2013; # expired on 10-07-2012.

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors : NIL

13 Percentage of classes taken by temporary faculty – programme-wise information : Nil

14 Programme-wise Student -Teacher Ratio

Year	Programme (UG/ PG)	Student-Teacher Ratio
2010-11	P.G	20:1
2011-12	P.G	20:1
2012-13	P.G	20:1
2013-14	P.G	23:1
2014-15	P.G	23:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sl. No.	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1.	Senior Research Officer	01	-	-
2.	Junior Assistant	01	-	01
3.	Typist-cum-clerk	01	-	-
4.	Attender	02	-	01

16 Research thrust areas as recognized by major funding agencies

Sl. No.	Research thrust area	Name(s) of the funding agency
1.	Agricultural Economics	UGC/ICSSR
2.	Drought Management	UGC/ICSSR
3.	Irrigation Development	UGC/ICSSR
4.	Women Empowerment	UGC/ICSSR
5.	Rural Development	UGC/ICSSR
6.	Public Finance	UGC/ICSSR
7.	Development Economics	UGC/ICSSR
8.	Industrial Economics	UGC/ICSSR
9.	Monetary Economics	UGC/ICSSR
10.	Banking and Finance	UGC/ICSSR

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No	Name of the Staff Member	Title of the project	Funding Agency	Amount Sanctioned	Year of Sanction	Year of Completion
1.	Prof. M.Jaya Raj	Empowerment of women in Andhra Pradesh with special reference to Suicide Deaths in DWCRA families in A.P.	UGC	Rs.3,04,700	2007	2011
2.	Prof. G.Venkata Naidu	MGNREGA Antapuramu district	UGC	Rs.4,38,000	2012	2014

- 18 Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration : Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : Nil
20. Research facility / centre with
- state recognition
  - national recognition
  - international recognition : Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil
22. Publications: (Details furnished in Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals/Books:	10	11	07	06	05
a)	National	09	10	05	06	05
b)	International	01	01	02	-	-
2	Monographs					
3	Chapters in Books					
4	Edited Books			2		

5	Text/ Reference books					
6	Number listed in International Database					
7	Citation Index – range / average					
8	Impact Factor – range / average					
9	h-index					

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
28. Student projects  
  - percentage of students who have done in-house projects including inter-departmental projects : Nil
  - percentage of students doing projects in collaboration with other universities / industry / institute : Nil
29. Awards / recognitions received at the national and international level by  
  - Faculty
  - Doctoral / Post Doctoral Fellows
  - Students : Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Financial Inclusion for development of People in backward areas of India	Prof. M.D.Bavaiah	UGC and A.P.E.A.	22-12-2013	Prof. S. Galab, Director, CESS, Hyderabad, Prof. M. Koteswara Rao, Secretary, AP Economic Association, & Prof. M. Ramanjaneyulu, Department of Economics, Bangalore University, Bangalore



2.	Women Empowerment	Prof. M. Jayaraj	UGC	March 2012	Prof. S. Galab, Director, CESS, Hyderabad, Prof. G. Chandra Shekhara Rao, Dept. of Economics, S.V. University, Tirupati & Smt. Vijaya Bharathi, NGO, Kurnool.
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31. **Code of ethics for research followed by the departments**  
 Research Monitoring Committee Consisting of HOD, Chairman B.O.S & One Senior Professor is formed. This committee has been monitoring the research work undertaken by the staff and research scholars in terms of

- Avoiding duplicity in the selection of research problem
- Ensuring the acknowledgement of the sources including websites in the references
- Obtaining permission from authors to use the information
- Avoiding plagiarism
- Use of data collected from the respondents strictly for research purpose only

32. **Student profile programme-wise:**

Name of the Programme (Refer to Question No. 4)	Applications Received	Admitted		Pass percentage	
		Male	Female	Male	Female
Economics – 2010-11	625	27	13	98%	99%
Applied Economics-2010-11		22	10	97%	98%
Economics – 2011-12	680	25	12	96%	97%
Applied Economics-2011-12		20	9	99%	98%
Economics – 2012-13	712	23	17	98%	99%
Applied Economics-2012-13		23	17	96%	98%
Economics – 2013-14	738	29	12	97%	99%
Applied Economics 2013-14		28	12	99%	98%
Economics – 2014-15	761	27	12	97%	98%
Applied Economics 2014-15		27	13	96%	98%
M.Phil 2011	458	11	3	94%	100%
Ph.D. 2011		27	8	95%	98%

33. **Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	57	43	-	-
2011-12	76	20	2	-

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2012-13	68	25	2	-
2013-14	57	40	2	-
2014-15	61	35	2	-
M.Phil.	80	20	-	-
Ph.D.	65	25	10	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify) (DSC,Police,)
1	2010-11	-	-	-	-	-	15
2.	2011-12	-	-	-	-	-	5
3.	2012-13	-	25	-	-	5	15
4.	2013-14	-	10	-	-	4	5
5.	2014-15	-	10	-	-	-	5

35. Student progression

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	Not Applicable
PG to M.Phil.	5%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	30%
Employed - Campus selection	50%
Employed - Other than campus recruitment	5%
Entrepreneurs	

36. Diversity of staff

<i>Percentage of faculty who are graduates</i>	
Of the same University	87.5
From other universities within the State	12.5
From universities in other states	Nil
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- Library --
- Internet facilities for staff and students : Available
- Total number of class rooms : 6 rooms
- Class rooms with ICT facility : Nil
- Students' laboratories : Computer Lab
- Research laboratories : Computer Lab

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/University

Sl. No	NAME	Date of Joining	Description
1.	Dr. D. Sreenivasa Rao	01-04-2008	UGC/PDF
2.	Dr. H. Subbarayudu	01-08-2013	UGC/PDF
3.	Dr. G. Raju	13-03-2013	ICSSR/PDF
4.	Dr. G. Mallikarjuna	13-03-2013	ICSSR/PDF
5.	Dr. B. Venkatappa	16-09-2013	ICSSR/PDF
6.	Dr. M. Dastagiri	17-07-2013	ICSSR/PDF
7.	Dr. M. Guruswamy	01-08-2013	ICSSR/PDF
8.	Dr. G. Sivaiah	09-09-2013	ICSSR/PDF
9.	Dr. B. Srenivasa Reddy	16-09-2013	ICSSR/PDF
10.	Dr. M. Nagaraju	12-09-2013	ICSSR/PDF
11.	Dr. S. Narayana Swamy	16-09-2013	ICSSR/PDF
12.	Dr. K. Krishnama Naidu	12-09-2013	ICSSR/PDF
13.	Dr. P. Durgappa	12-09-2013	ICSSR/PDF
14.	Dr. A. Rama Mohan	12-09-2013	ICSSR/PDF
15.	Dr. P. Adinarayana Reddy	16-09-2013	ICSSR/PDF
16.	Dr. K. Kishore Kumar	18-11-2013	ICSSR/PDF
17.	Dr. K. E. Ramana	29-11-2013	ICSSR/PDF
18.	Dr. G. Maddulety Swamy	29-11-2013	ICSSR/PDF
19.	K. Ravikumar	2012-14	ICSSR/DF
20.	M. Ramanjaneyulu	13-03-2013	ICSSR/DF
21.	M. Anjaneyulu	16-09-2013	ICSSR/DF
22.	H. Jhothamma	12-09-2013	ICSSR/DF
23.	Dr. S. Subbarayudu	01-12-2014	ICSSR/PDF
24.	Dr. C. Thirupalu	15-12-2014	ICSSR/PDF

b) from other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	4	18	38	3	72
2.	2011-12	3	19	36	2	76
3.	2012-13	4	25	41	2	78
4.	2013-14	2	19	44	3	78
5.	2014-15	2	24	43	2	75

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not Applicable**
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
The feedback of all the members of faculty considered while revising the curriculum
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
The head of the Department and Chairperson, BOS frequently used to meet with students and takes feedback on teaching abilities of staff, coverage of syllabus and teaching-learning-methods adopted by teachers. Based on the student feedback the head of the Department used to give proper instructions to the concerned teachers to enrich the teaching levels and coverage of syllabus. In addition to this, student feedback has also been obtained by the IQAC at the end of each academic year.
  - Alumni and employers on the programmes offered and how does the department utilize the feedback?  
The Department has been utilising the feedback from the members of Alumni in the modification of curriculum and introduction of new courses now and then.
43. List the distinguished alumni of the department (maximum 10)

<i>Sl. No.</i>	<i>Name</i>	<i>Designation</i>
1.	I.Y.R. Krishna Rao, I.A.S.	Chief Secretary to Government, Govt. of A.P.
2.	J. V. Ramudu, I.P.S.	Director General of Police, Govt. of A.P.
3.	Dr.N.Sreedevi	Registrar, Centre for Economic and Social Studies, Hyderabad.
4.	Dr.M.C. Venkataramana	Principal, Govt. Degree College, Punganoor.
5.	Dr. Raja Mohan Rao	Director, Centre for Social Exclusion and Inclusion Policy, Bhartidasan University, T.N.
6.	Dr. M. Ramajaneyulu	Professor of Economics, Bangalore University, Jnanabhrathi, Bangalore.
7.	Visweswrara Reddy	M.L.A, Uravakonda.
8.	Dr.K.Suresh	Principal, Govt. Degree College, Bukkapatnam.
9.	Dr.N.S.Manoranjan	Project Director, Nehru Yuva Kendra, Siddipeta.
10.	Dr. H.K.Amarnath	Professor, N.I.P.F.P, New Delhi.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

The Department has been arranging Guest Lecturers on the Analysis of Central and State Budgets in every year in the month of March, Internal Student Seminars on local problems such as Poverty, Unemployment, Drought conditions, Migration of Rural people to nearby urban cities for employment, Environmental Awareness Creation Programmes, Farmers' Suicides, etc. during the visits of external faculty from other Universities for the purposes of Meetings of BOS, Spot Valuation and Ph.D. Viva-Voce Examinations.

<i>Sl. No.</i>	<i>Year</i>	<i>External experts invited</i>	<i>Programme organised</i>
1	2010-11	4	Seminars conducted on local problems such as drought, farmers suicides etc.
2	2011-12	6	Current problems relating to foreign trade and policy, impact of globalization on Indian economy
3	2012-13	5	Environmental awareness creation programmes lectures on central and state budgets.
4	2013-14	6	Rural development programmes and employment generation programmes
5	2014-15	6	Recent trends in Indian economy, Poverty and Women empowerment

45. List the teaching methods adopted by the faculty for different programmes.

Using OHPs to project Charts, Graphs, etc. in the class rooms;  
Using the LCD facility for PPTs in the class rooms;  
Organising Students' Seminars, Group Discussions; and  
Giving Assignments for Students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Department has Alumni of Economics and the teachers of the Department frequently meet the members of Alumni both personally and on phone and ensures that their learning outcomes in the Department are useful for their academic and research fields. The knowledge learned in the Department of Economics is useful for our students in the form of presenting their papers in Seminars, Conferences and Workshops in addition to their employment in teaching and research positions in various institutions.

47. Highlight the participation of students and faculty in extension activities?

The Faculty of the Department have participated as Resource Persons and Students have participated as Volunteers in various Awareness Creation Camps organised by the NGOs in different parts of Anantapuramu District on Swaach Bharat Programmes, Blood Donation Camps, Awareness Camps on Farmers' Suicides, Child Protection Awareness Programmes, Women Empowerment Programmes, Consumer Awareness Programmes, etc.

<i>Sl. No.</i>	<i>Year</i>	<i>Programme organised</i>
1.	2010-11	Blood Donation Camps, Awareness Camps on Farmers' Suicides
2.	2011-12	Child Protection Awareness Programmes
3.	2012-13	Women Empowerment Programmes
4.	2013-14	Consumer Awareness Programmes
5.	2014-15	Swaach Bharat Programmes

48. Give details of “beyond syllabus scholarly activities” of the department.

The Department has been organising quiz programmes and awareness lectures on the eve of celebration of important national or international events within the department every year. The details are as follows:

<i>Year</i>	<i>Programme organised</i>	<i>Date</i>
2010-11	International Youth Day	August 12
	World Food Day	October 16
2011-12	World Literacy Day	September 8
	International Volunteer Day for Economic and Social Development	December 5
2012-13	International Day of the Girl Child	October 11
	World Computer Literacy Day	December 2
2013-14	International Poverty Day	October 17
	International Women's Day	March 8
2014-15	World Anti-Suicide Day	September 10
	World Health Day	April 7

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
The staff of the Department (Prof. M. D. Bavaiah and Prof. P. Ramappa) have been involved as course writers in preparation of study material for M.A. Economics Course of Open Learning System of Acharya Nagarjuna University, Guntur.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

1. Good computer lab with 30 computers
2. Adequate accommodation for students as well as staff.
3. Use of LCD Projector by teachers for presenting PPTs.
4. Experienced faculty
5. Rising demand for the Courses offered by the Department (increase in the number of Applicants from 600 in 2010 to 800 in 2015 for admission into M.A. Economics and Applied Economics courses).

### **Weaknesses**

1. No sufficient staff to run M.A. Economics and M.A. Applied Economics courses
2. The class rooms and staff rooms are in need of renovation with ICT facilities.
3. No internet facility for the Computer Lab, which is necessary to run the Computer Applications course.
4. No coaching facilities for the students in taking SET or NET
5. Many students come from rural background with Telugu medium, and lack communication skills in English

### **Opportunities**

Globalization has widened the prospects of Economics Department in various sectors including Teaching, Research and Consultancy fields. Some of the fields in which the Department may enter are:

1. Introduction of short term training programmes on Research Methodology Courses including software packages such as SPSS, STATA, E-Views, etc., for Full-Time and Part-Time Research Scholars;
2. Introduction of new courses such as Economics of Infrastructure, Economics of Insurance and Transport Economics in the syllabi of PG Programmes and Research Programmes; and
3. Interdisciplinary research programmes including workshops, conferences, seminars and projects in collaboration with other Departments and Research Centres within the country and outside the country.

### **Challenges of the Department**

1. Providing the quality of education with employability skills to the students, as the teaching staff of the Department has deteriorated from 13 to 7.
2. Providing short-term training courses for the students to prepare for the UGC NET and APSET Examinations due to lack of sufficient teaching staff and supporting finances.
3. Inability to meet huge demand from the research scholars and the teaching faculty of the Economics Departments of the affiliated colleges for conducting Research Methodology Courses and Faculty Development Programmes

### **52. Future plans of the department.**

The Department has discussed with Director, RUDSET Institute, Anantapuramu and the Director, DRDA, Anantapuramu in its staff council meeting and decided to start employment oriented training programme with skill development in Tally Package and processing of Income Tax Returns and organise campus placements after completion of the training every year for outgoing students. Besides, the following are the specific future plans of the Department.

- (i) to start a Centre for Drought Management Studies to undertake research activities on drought management issues and provide suggestions to mitigate farmers' suicides;
- (ii) to undertake short-term training courses for the students, who are interested to prepare for the UGC NET and APSET Examinations in Economics;
- (iii) to conduct of Research Methodology Courses for Research Scholars and young teaching staff; and
- (iv) To organise Capacity Building Programmes for teaching faculty in the affiliated colleges through need based Orientation and Refresher Courses.



**Annexure-I:  
List of Publications  
July 2010 to June 2011**

<b>Name of the Teacher</b>	<b>Title of the Paper</b>	<b>Book/ Journal</b>	<b>Publishers</b>	<b>VolNo</b>	<b>Year</b>
Prof. G.Sathya narayana	FDI: Trends and Their Investment channels in India	Southern Economist	-	-	2010
Prof. P.Ramappa	SHG and its Impact on Employment and Income Generation	Southern Economist	-	50	2011
Prof. M.D.Bavaiah	The Intra-School Allocations of Education Expenditure in Andhra Pradesh, Economics of Education and Human Development in India, Edited by Prof.D.Pulla Rao		Akarsha Publishing New Delhi		2010
	Spending for Human Development in Andhra Pradesh”, Economics of Education and Human Development Edited by Prof.D.Pulla Rao		Akarsha Publishing New Delhi		2010
	Impact of Micro Finance on Income and Employment: A Study”, Miro Finance and Poverty Alleviation				2010
Prof. G.Venkata Naidu	Impact of NREGA on the living condition of rural poor	Southern Economist	-	49	2010
	India’s international trade trends and implications	Southern Economist	-	15	2010
	Economic Development of Dry Land agriculturists in Andhra Pradesh-A micro level study of Pedda Kakani village in Guntur District	Manaviki	-	2	2011

Prof. K.Thulasi Naik	Income Consumption and Savings behaviour of Tribal Farmers of Andhra Pradesh	Econometric Models in Agriculture.	Serials Publications, New Delhi. ISBN-978-81- 8387-367-3		2010
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**July 2011 to June 2012**

<b>Name of the Teacher</b>	<b>Title of the Paper</b>	<b>Book/Journal</b>	<b>Publishers</b>	<b>Vol. No</b>	<b>Year</b>
Prof. G.sathyana rayana	Non-Farm Sector in Rural Development with special reference to Handloom Industry in Anantapur	Southern Economist	-	50	2012
	Special Economic Zones and Socio- economic Implications: A Study in Andhra Pradesh	Development of Special Economic Zones in India	Concept Publishing Company, New Delhi		2012
Prof. P.Ramappa	Problems and Prospects of Dry Land Farming	Southern Economist	-	50, No. 9	2012
Prof. G.Venkata Naidu	SHGS and its impact on Employment and income Generation	Southern Economist	-	15	2011
	Problems and prospects of Dry Land forming	Southern Economist	-	50	2012

**July 2012 to June 2013**

<b>Name of the Teacher</b>	<b>Title of the Paper</b>	<b>Book/Journal</b>	<b>Publishers</b>	<b>Vol. No</b>	<b>Year</b>
Prof. G.sathyana rayana	Rural Development and Poverty Alleviation in India (Book)	Rural Development and Poverty Alleviation in India	- New Century Publications	-	2012
	Success and family life of woman Entrepreneurs in a backward province: A case study	International Journal of Innovative Research in Science, Engineering and Technology	-	1, No.2	2013
Prof.	Microfinance in	Microfinance	-	12,	2012

M.D.Bavaiah	India and Ethiopia: Problems and Prospects Development in India, Edited by Prof.D.Pulla Rao	Development Review, (Quarterly Journal, Ethiopia)		No.3	
	Financial Inclusion for Women Empowerment: A Comparative Study of India and Ethiopia	Microfinance Development Review, (Quarterly Journal, Ethiopia)	-	13, No.1	2013
Prof. K.Tulasi Naik	An empirical analysis on economic conditions of tribals - A study in Anantapur district of Andhra Pradesh	Business Sciences, International Research Journal	-	1, No.1	2013
	Impact of Land holdings on over-dues of Tribal Farmers.	Land & Water Geographical Challenges and Geospatial Technology	ISBN-978-93-5156-394-5		2013
	Land reforms for Alleviation of rural poverty	Book	Discovery publishing Pvt.Ltd	-	2012
Dr. G. Venkata Naidu	Grass root level Institutional Support for Irrigation	Manaviki (Half-Yearly Journal, India)	-	3, No.2	2012
	NREGP- social Exclusion and inclusion: A micro study on emerging trends of social inclusion in AP	Southern Economist	-	51	2012
	Performance of Regional Rural Banks	Southern Economist	-	51	2012
	Grassroots level institutional support for irrigation projects- A case study of Tungabhadra high level canal water users associations (WUAs) in Anantapur district	Manaviki	-	3	2012
	Human resources	Manaviki	-	4	2013

	Development through Jan Shikshan Sansthan: A study of seva mandir Jan Shikshan Sansthan				
	Role of Dairy industry in Employment, income generation in Drought prone region of Anantapur (AP	Indian streams Research Journal	-	3	2013

**July 2013 to June 2014**

<b>Name of the Teacher</b>	<b>Title of the Paper</b>	<b>Book/Journal</b>	<b>Publishers</b>	<b>VolNo</b>	<b>Year</b>
Prof. P. Ramappa	Economics of Dairy Farming: A Study	VISION	-	xxxiii	2013
Prof. Thulasi Naik	Impact of Globalization on Socio-Economic Conditions of Tribal's- A Study of Ananthapuramu District.	Glimpses of Management Challenges	SSB Publishers, Puttaparth y, ISBN-978-163041955-4	-	2014
Dr. G. Venkata Naidu	Farmers Suicides in A.P: A Study of Anantapur Dist	Journal of Research, Extension and development (JRED)	-	12	2014

**July 2014 to June 2015**

<b>Name of the Teacher</b>	<b>Title of the Paper</b>	<b>Book/Journal</b>	<b>Publishers</b>	<b>VolNo</b>	<b>Year</b>
Prof. M.Jayaraj	Analysis of Women Empowerment through MGNREGA in Karnataka	Global Journal for Research Analysis	- New Century Publications	-	2014
	Socio Economic influence on farmers in Seri-business from Tamil Nadu	International Journal of Engineering, Business and Enterprise Applications (IJEBA)	International Journal	-	2014

	Impact of Modern Technology on Agriculture	Edited Book : Rural Development and Inclusive Growth (Linkage and Implications	Kalpaz Publications , New Delhi-110002		2015
Prof. M.Sivasankaraiah	A Role of Regional Rural Banks in Financial Inclusion in India, 68-76	Orient Journal of law and social Sciences	-	VIII	2014
	Women Empowerment : Measurement and Challenges, 80-87	Orient Journal of law and social Sciences	-	Ix,	2015
	Environmental Pollution: Effects Causes and Concerns, 45-47	Journal of Research Extension and Development	-	3,No.9	2015
Prof. P.Ramappa	Literacy Scenario in Andhra Pradesh in a Decade	International Organization of Scientific Research Journal of Economics and Finance	-	5	2014
Prof.G.Venkata Naidu	Response of Ground Nut Production through New Variety of Seed-K3, in Ananthapuramu District of Andhra Pradesh	Kisan World	-		2015
Prof.K.Thulasi Naik	The Socio-Economic Characteristics of Groundnut cultivators- a Study in Ananthapuramu District.	International Journal for Research and Development	IJRD, Gandhi gram, TamilNadu.	2	2015

## Department of History

1. Name of the Department : HISTORY
2. Year of establishment : 1981
3. Is the Department part of a School/Faculty of the University? :  
Yes, Faculty of Social Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
  - Master of Arts in History
  - MPhil Course
  - PhD programme
5. Interdisciplinary programmes and departments involved

Sl. No	Title of OE paper	Name of the Department	No. of students opted	
			2013-14	2014-15
1.	OE-1: Indian National Movement	M.Li.Sc	11	11
		Rural Development	06	07
		Social Work	06	04
		Political Science	03	07
		Public Administration	02	07
		MBA [Finance]	08	02
		Applied Economics	10	11
		Economics	15	09
		Sociology	06	04
		English & Comparative Literature	20	08
		Physical Education	--	02
		Telugu	20	31
	OE-2 : Leaders of Modern India	Geography	04	15
		Commerce	03	01
		Adult Education	02	--

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
NIL
7. Details of programmes discontinued, if any, with reasons : NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
Semester with Choice Based Credit System

9. Participation of the department in the courses offered by other departments

Sl. No	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Rural Development	Rural Development Policies & Programmes in India	19	08
2.	Political Science	Centre State Relation in India		14
3.	English	English for Communication	05	01
4.	Telugu	Telugu-1		03
5.	Economics	Economy of India and Andhra Pradesh	02	
6.	Social Work	Social Legislation in India		04

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	04
Associate Professors	02	02	-
Assistant Professor	03	02	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sl. No	Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. Of Ph.D./ M.Phil. students guided for the last 5 Years
1.	Prof. K.Krishna Naik	MA Ph.D.	Professor	Medieval History Tribal /Folk studies	30	M.Phil : 02 Ph.D : 02



2.	Prof.P.Sudhakar	MA Ph.D.	Professor	Modern History Dalit Studies	30	M.Phil : 00 Ph.D : 06
3.	K.Mallikarjuna Reddy	MA Ph.D.	Professor	Indian National Movement	25	M.Phil : 01 Ph.D : 05
4.	Prof.Y.Ramachan dra Reddy	MA Ph.D.	Professor	Modern History	30	M.Phil : 00 Ph.D : 03

**12 List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1	Dr.A.Satyanarayana	Member ICHR, New Delhi
2.	Dr.S.Sankar Reddy	A.P.Tourism, Hyderabad
3.	Dr.P.Chenna Reddy	Former Director, State Archaeology & Museums, Govt. Of AP

**13 percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	01	100
2011-12	PG	01	100
2012-13	PG	01	100
2013-14	PG	02	100
2014-15	PG	02	100

**14 programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/PG)</i>	<i>Student- Teacher Ratio</i>
2010-11	PG	1:11
2011-12	PG	1:11
2012-13	PG	1:11
2013-14	PG	1:11
2014-15	PG	1:11

**15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>SL No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Technical Assistant (Museum)	01	-	01
2.	Junior Assistant	01	01	01
3.	Attender [Time-Scale]	01	01	01

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

18 Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration NIL

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: (details vide Annexure-I)

690

23. **Details of patents and income generated** : Nil
24. **Areas of consultancy and income generated** : Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**
26. **Faculty serving in**

a) **National committees** b) **International committees** c) **Editorial Boards** d) **any other (please specify)**

<i>Sl. No.</i>	<i>Faculty member</i>	<i>National Committees</i>	<i>International Committees</i>	<i>Editorial Boards (give the name of the journal)</i>	<i>Period</i>
1.	Prof.K.Krishna Naik	Advisor, UPSC			2011-2014
2.	Prof.K.Krishna Naik	SCST Sub-plan [APSCHE]			2012-2013
3.	Prof. P.Sudhakar	Advisor, UPSC			2012-2015

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

28. **Student projects**

- percentage of students who have done in-house projects including inter-departmental projects: Nil
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. **Awards / recognitions received at the national and international level by**

- Faculty**
- Doctoral/ post doctoral fellows** ICSSR/UGC PDF: 03
- Students**

<i>Sl. No.</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1	Prof.K.Krishna Naik	Aryabhata International Award in Education	Aryabhata Cultural Organisation	2012

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

31. **Code of ethics for research followed by the departments**  
 Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following:
- Avoiding duplicity in the selection of research problem
  - Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission from authors to use the information
  - Avoiding plagiarism
  - Use of data collected from the respondents strictly for research purpose only

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2010-11	-	24	6	100%	100%
2011-12	-	24	6	100%	100%
2012-13	194	24	6	100%	100%
2013-14	198	24	6	100%	100%
2014-15	259	24	6	100%	100%
M. Phil.-2011	15	8	0	100%	100%
Ph.D.-2011	40	23	4	100%	100%

33. **Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG/ PG programme				
2010-11	67%	33%		
2011-12	62%	38%		
2012-13	65%	35%		
2013-14	65%	35%		
2014-15	67%	33%		
M.Phil.	100%	-	-	
Ph.D.	85%	15%		

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	-	-
2.	2011-12	-	08	-	-	-	-
3.	2012-13	-	05	-	-	01	-
4.	2013-14	-	03	-	-	-	-
5.	2014-15	--	-	-	-	-	-

35. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
PG to M.Phil.	8%
PG to Ph.D.	13%
Ph.D. to Post-Doctoral	20%
Employed	
Campus selection	--
Other than campus recruitment	30%
Entrepreneurs	--

36. **Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	50%
From other universities within the State	25%
From universities in other states	25%
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

38. Present details of departmental infrastructural facilities with regard to

- a) Library : No
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 2
- d) Class rooms with ICT facility : 2
- e) Students' laboratories : Nil
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/University
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the University:

**About 75 to 80% of the students get the scholarship under different categories.**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: **Not Applicable**
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Through BoS meetings on a regular basis and utilize the same for revising the curriculum
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Through informal interactions with the students and utilize the same for improving the teaching performance
  - alumni and employers on the programmes offered and how does the department utilize the feedback? No
43. List the distinguished alumni of the department (maximum 10)
- Prof. P. Chenna Reddy, Professor of History, Telugu University
  - Dr. Subbaiah, Principal, Govt. Degree College, Madakasira
  - Dr. Ramana, Lecturer, Govt. Degree College for Women, Ananthapuramu
  - Dr. Sreedhar, Principa, SDGS College, Hinduput
  - Dr. M.Reddappa, Lecturer, Govt. Degree College, Eturu Nagaram
  - Dr. M. Murali, Principal, Kendriya Vidyalaya, Bihar
  - Mr. Viswanath, RDO, Govt. of A.P.
  - Mr. Raghunath, RDO, Govt. of A.P.
  - Mr. Nagaraju, MPDO, Govt. of A.P.
  - Dr. Ataullah Khan, Associate Professor, Osmania College, Kurnool
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2014-15	Dr. K. Satyanarayana, Principal, Residential Jr. College, Kodigenahalli	Special Lecture March 2015

45. List the teaching methods adopted by the faculty for different programmes.
- Lectures  
Maps  
Tutorials  
Study tours to historical places
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
**Interactive sessions, Group discussions, Tests, Seminars, etc.**

47. **Highlight the participation of students and faculty in extension activities.**  
Faculty encourage the students to join as NSS volunteers and participate in programmes such as blood donation camps and tree plantation and clean and green programme.
48. **Give details of “beyond syllabus scholarly activities” of the department.**  
Faculty give lectures in affiliated colleges.
49. **State whether the programme/ department is accredited/ graded by other agencies?**  
If yes, give details. : No
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
Faculty have edited 10 reference books on different fields of History.
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

1. Experienced faculty
2. Active involvement in research
3. Recognition of the faculty in south India
4. Dept. maintains Archaeological museum

**Weaknesses**

1. Shortage of staff
2. Inadequate Infrastructure

**Opportunities**

1. Good demand for History course
2. Employability of students
3. Potential for growth in the fields of Culture, International relations, tourism, Ancient Indian History and Archaeology, etc.

**Challenges**

1. Inadequate staff
2. Limited infrastructure
3. Shortage of Funds

52. **Future plans of the department.**
  1. To start a diploma course in Tourism
  2. To start a separate department of Ancient History and Archaeology



**Annexure-I: List of Publications**

**1. Prof. K.Krishna Naik**

Sl. No.	Title of the article	Name of the Publication, ISBN/ISSN, Page No.	Month & Year
1.	Status of Scheduled Tribes in Andhra Pradesh	First World History Telugu Conference, British Library, London, United Kingdom 14-15 July.	2012
2.	Vassal Kingdoms in Andhra - Vidumba, Bana, Nolamba and Western Gangas" [ <i>Andhra Desamlo Samantha Rajyalu</i> ]	Fourth World Telugu Conference Special issue-2012, Potti Sriramulu University, 81-86073-373-7,	2012
3.	"Marriage: Changing trends in a Tribal Community,	32 <sup>nd</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.303-308.	2012
4.	Panchayat System of a Tribal Community: The case of Sugalis",	37 <sup>th</sup> session of Andhra Pradesh History Congress, Proceedings of APHC, ISSN 2320-057X,	2013
5.	Dress And Ornaments of Sugali Tribe: A Case Study In Anantapur District Of Andhra Pradesh,	33 <sup>rd</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.361-364.	2013
6.	"Socio-Cultural History of The Savara Tribe",	National Seminar, Dept. of History & Archaeology Andhra University, Visakapatnam.	2013
7.	Religious Celebrations in a Tribal Community – The Case of Sugalis.	38 <sup>th</sup> session of Andhra Pradesh History Congress, Proceedings of APHC,, ISSN 2320-057X.	2014
8.	Beliefs and Life Cycle Ceremonies in a Tribal Community- The Case of Sugalis,	34 <sup>rd</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229-3671, 340-344.	2014
9.	Traditional governance of a tribal community- The case of Sugalis,	History Part-I, Vol-II, [Cultural Contours of History and Archaeology], B.R.Publishing Corporation, New Delhi, ISBN 9789350500668, pp.188-193.	2014
10.	Gender Discourse and Identity in Chenchu Folk Literature	<i>Sneha Siri: A Cultural Contours of History and Archaeology - A Festschrift to Prof. P. Chenna Reddy</i> . BR Publishing Corporation, New Delhi, 110052, ISBN 9789350500514, pp.243-255.	2014

**2. Prof. P.Sudhakar**

Sl. No.	Name of the Title	Name of the Publication ISBN/ISSN, Page No.	Month & Year
1.	Gender Discrimination, Equality and Dignity among the Dalits in Contemporary South India 1980-2005,	South Indian History Congress, Thirtieth Annual Session Proceeding, Kannur, 2010, ISSN 2229-3671, pp. 251-254.	2010
2.	Ambedkar's economic philosophy and Dalit perspectives for their uplift	European Academic Research, This books Published UGC Unit, pp. 27-41	2010
3.	Contribution of Dalit Literature and Dalit Literary Movements to the Consolidation of Dalits in India	Edited Book titled "Dalit Movements and Literature Emerging Issues and Challenges", Prestige Book International, New Delhi, 2011, ISBN 978-81-922089-6-1, 153-162.	2011
4.	The Movement against De-humanizing Safai Karmachari's- A Study in South India	South Indian History Congress, Thirty First Annual Session Proceeding, Kadapa, 2011, ISSN.2229-3671, 355- 361.	2011
5.	Status of Dalit women in Andhra Pradesh.	Research Journal of Indian Historical Studies, ISSN:0976-5638, 101-107.	2011
6.	Buddhism and Social Transformation	Research Journal, Kakatiya Journal of Historical Studies, UGC, Published, 55-73.	2012
7.	Manual Scavenging: Response of Civil Society	Andhra Pradesh History Congress, ISSN-2320-057x, 118-123.	2012
8.	The Empowerment of Dalit women in Andhra Pradesh - A Study Human Rights Perspective	SKVT College, Rajahmundry, ISBN:978-93-5067-756-8, 143- 152.	2012
9.	SC/ST Sub-Plan Bill,2012: Achievement of a Sustained Dalit struggles	Andhra Pradesh History Congress, ISSN-2320-057x, 191-197	2013
10.	Dynamics of Dalit Movements in South India - A study in Andhra Pradesh	SKVT College, Rajahmundry, ISBN:978-93-5067-756-8, 65-80	2013
11.	Alternative strategies for the Development of Disadvantaged groups in south India	International Journal for Research and Development, A peer reviewed Journal, ISSN.2321-3434, 112-115.	2014
12.	Impact of drought on the livelihood of marginalized groups in Andhra pradesh-A study Anantapur district	International Journal of Multi-disciplinary education research, ISSN-2277-7881.2.972.ic, 99-119.	2014
13.	Dalits and their struggle for social Justice - A study in Kurnool District of Andhra pradesh	International Journal of Management and social sciences research review, ISSN 2349-6738, 245-253.	2014
14	Buddhism and Downtrodden Communities of India: Ambedkar's Perspective	Journal for Research and Development, A peer reviewed Journal, ISSN-2319-1899, 137-140.	2014

15	Socio-Economic Status of Madiga in Andhra Pradesh- An overview	International Journal for Research and Development, A peer reviewed Journal, ISSN-2321-3434, 85-62.	2014
16	Atrocities on Dalits –Violation of Human Rights -A Study in Andhra Pradesh	Paripex – Indian Journal of Research, Sara Publishing Academy, ISSN-2250-1991. 1.6714, 72-76.	2014
17	A Profile of Dalit Movement- Response of the Civil Society- A Case Study of Andhra Pradesh	Paripex – Indian Journal of Research, Sara Publishing Academy, ISSN-2250-1991.1.6714, 77-82.	2014
18	Buddhism and its Relevance of for social transformation	Cultural counters of History and Archaeology –Vol-VII, ISBN-9789350500514, 86-96.	2014
19	Issues of Social Exclusion – Impact of Social Justice to Dalits in Contemporary India	Journal of International Academic Research for multidisciplinary Vol-2, ISSN:2320-5083. 1.625, 342-357.	2014
20	Manual Scavenging and Violation of Rights in India-A Critique	International journal of multidisciplinary research, ISSN:2277-7881.2.972, 167-184.	2015
21	Ambedkar’s Alternative Philosophy towards caste Discrimination and Economic Deprivation of Dalits	<a href="#">European Academic Research</a> , ISSN2286-4822 3.4546, 1786-1804.	2015

**3. Prof. K.Mallikarjuna Reddy**

Sl. No .	Name of the Title	Name of the Publication ISBN/ISSN, Page No.	Month & Year
1.	Chilakamarthy Lakshminarasimham (1867-1945)	30 <sup>th</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.142-144.	2010
2.	Worthy father of worthy son Motilal Nehru- The first constitutional Architect of Modern India (1861-1931)	31 <sup>st</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.46-51.	2011
3.	Sir Pherozeshah Mehta – A determined true patriot (1845-1915)	32 <sup>nd</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.70-72.	2012
4.	Chittaranjan Das as a Nationalist (1870-1925)	33 <sup>rd</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.167.	2013
5.	Keshub Chandra Sen – As a social reformer	34 <sup>th</sup> Annual session of South Indian History Congress, Proceedings of SIHC, ISSN 2229 – 3671, pp.126-130.	2014

**Books / Edited Books [with ISBN Numbers] during 2010-15**

**Prof.K.Krishna Naik**

1. Archaeology (Ed), Cultural Contours of History & Archaeology, Vol.I, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500651]
2. History (Ed): Cultural Contours of History & Archaeology, Vol.II (Part-I&II), BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500668]
3. Epigraphy (Ed), Cultural Contours of History & Archaeology, Vol. III, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500675]
4. Numismatics (Ed), Cultural Contours of History & Archaeology, Vol.IV, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500682]
5. Art (Ed), Cultural Contours of History & Archaeology, Vol.V, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500699]
6. Architecture (Ed), Cultural Contours of History & Archaeology, Vol.VI, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500705]
7. Buddhism and Other Religions (Ed), Cultural Contours of History & Archaeology, Vol.VII, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500712]
8. Heritage Culture and Literature (Ed), Cultural Contours of History & Archaeology, Vol. VIII, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350500897]
9. Vijayanagara Empire (Ed), Cultural Contours of History & Archaeology, Vol.IX, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350501917]
10. Tourism (Ed), Cultural Contours of History & Archaeology, Vol.X, BR Publishing Corporation, New Delhi, 110052. [ISBN 9789350501924]

## Department of Library and Information Science

1. **Name of the Department** : **Library and Information Science**
2. **Year of establishment** : **1982**
3. **Is the Department part of a School/Faculty of the University?** :  
Yes, Faculty of Social Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**  
MLISc (Two years Integrated Master's Degree)  
M.Phil., and Ph.D. in Library Science
5. **Interdisciplinary programmes and departments involved:**

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Electronic Information Sources and Services	-	09	Adult Education - 08 and MBA - 01
OE-2	Information Technology Applications	-	09	Adult Education - 08 and MBA - 01

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
7. **Details of programmes discontinued, if any, with reasons :** Nil
8. **Examination System:** Annual/Semester/Trimester/Choice Based Credit System:  
Semester with Choice Based Credit System.
9. **Participation of the department in the courses offered by other departments:**

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	Economics	Economic Development of India and Andhra Pradesh	07	06
2.	History	National Movement	07	11
3.	Rural Development	Rural Development Policies and Programmes in India	08	14
4.	English	English for Communication	02	01`
5.	Social Work	Social Legislation in India	-	03

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	01	-	-
Associate Professors	01	-	01
Asst. Professors	01	01	-
Others (Teaching Assistant)	02	-	02

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualifi- cation</i>	<i>Desig- nation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
*Dr.P. Raja rathnam Chetty	M.L.I.Sc., M.Phil., Ph.D	Associate Professor	1. Information Seeking Behaviour	26 years	M.Phil - 06 Ph.D - 09
**Dr. B. Pratapa Reddy	M.L.I.Sc., M.Phil., Ph.D	Associate Professor	1. Library Management 2. Public Libraries	26 years	M.Phil - 02 Ph.D - 01
Dr. D. Ravinder	M.Com., M.L.I.Sc., M.Phil., Ph.D	Associate Professor	1. Information Seeking Behaviour  2. Academic Libraries  3. Digital Libraries	15 Years	03 - M.Phil and 04 - Ph.D

\*Retired on 28-02-2011; \*\*Opted for VRS on 23-4-2012

- 12 List of senior Visiting Fellows, adjunct faculty, emeritus professors : **NIL**

- 13 Percentage of classes taken by temporary faculty - programme-wise information

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG - MLISc	01	25%
2011-12	PG - MLISc	01	25%
2012-13	PG - MLISc	02	50%
2013-14	PG - MLISc	02	50%
2014-15	PG - MLISc	02	50%

14 Programme-wise Student Teacher Ratio :

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG - MLISc	70:4
2011-12	PG - MLISc	70:3
2012-13	PG - MLISc	70:3
2013-14	PG - MLISc	70:3
2014-15	PG - MLISc	70:3

15 Number of academic support staff (technical) and administrative staff sanctioned, filled and actual :

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Junior Assistant	01	01	01
2.	Attender	01	01	01

16 Research thrust areas as recognized by major funding agencies:

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Knowledge Management, Digital Library, Institutional Repositories Information literacy, Scientometrics, Altmetrics these are the areas	UGC, MHRD, ICSSR and DRDO.

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : Nil

18 Inter-institutional collaborative projects and associated grants received : Nil

a) National collaboration

b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil



22. **Publications:** (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
<b>1. Number of papers published in peer reviewed journals:</b>						
a)	National	-	03	-	04	01
b)	International	-	02	01	04	01
2	Monographs	-	-	-	-	-
3	Chapters in Books	-	-	-	-	-
4	Edited Books	-	-	-	-	-
5	Text/ Reference books	-	-	-	01	01
6	Number listed in International Database	-	-	-	-	-
7	Citation Index – range / average	-	-	-	-	-
8	Impact Factor – range / average	-	-	-	-	-
9	h-index	-	-	-	-	-

23. **Details of patents and income generated** : **Nil**

24. **Areas of consultancy and income generated** : **Nil**

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad** : **Nil**

26. **Faculty serving in**

a) National committees b) International committees c) Editorial Boards d) any other (please specify) : **Nil**

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).** : **Nil**

28. **Student projects** : **Nil**

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities  
□ industry / institute

29. **Awards / recognitions received at the national and international level by** : **Nil**

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: Nil
31. Code of ethics for research followed by the departments:
1. Every research scholar has to publish original thesis.
  2. Department has strictly monitoring the research work in progress to avoid the duplication of work.
  3. Every research Scholar has to collect the more reviews to know about the previously work done to get the originality in output.
32. Student profile programme-wise:

Name of the Programme M.L.I.Sc	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-2011	388	26	09	77%	67%
2011-2012	392	29	06	80%	83%
2012-2013	474	27	08	77%	75%
2013-2014	480	27	08	74%	75%
2014-2015	507	27	08	67%	63%
M.Phil	70	02	01	--	--
Ph.D	80	10	02	--	--

33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG - MLISc				
2010-2011	100%	-	-	-
2011-2012	100%	-	-	-
2012-2013	100%	-	-	-
2013-2014	100%	-	-	-
2014-2015	100%	-	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	-	-	-	-	02	-
2.	2011-12	-	-	-	-	08	-
3.	2012-13	01	01	-	-	-	-
4.	2013-14	02	03	-	-	01	-
5.	2014-15	03	01	-	-	-	-

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	Not Applicable
PG to M.Phil.	2%
PG to Ph.D.	3.5%
Ph.D. to Post-Doctoral	Nil
Employed - Campus selection	Nil
Other than campus recruitment	02
Entrepreneurs	Nil

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	100%
From other universities within the State	--
From universities from other States from	--
From universities outside the country	--

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

**Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- |   |   |                |
|---|---|----------------|
| a) Library                                    | : | No             |
| b) Internet facilities for staff and students | : | Only for Staff |
| c) Total number of class rooms                | : | 02             |
| d) Class rooms with ICT facility              | : | No             |
| e) Students' laboratories                     | : | No             |
| f) Research laboratories                      | : | No             |

**39. List of doctoral, post-doctoral students and Research Associates :**

- From the host institution / University
- From other institutions/ University

**List of Doctoral Students :**

- R. Rajasekhar
- P. Balakrishna
- Natraj Naidu
- K. Devendra Reddy
- P. Suresh
- S. Lakshmi
- V. K. Anuradha
- A. Sivaiah
- M. Prakash Rao

40. Number of post graduate students getting financial assistance from the University –

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1	2010-11	-	05	17	-	05
2	2011-12	-	04	19	-	04
3	2012-13	-	04	14	03	04
4	2013-14	-	08	22	02	08
5	2014-15	-	09	19	-	09

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : **No**

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, through internal and annual BoS meetings and utilises it for updating curriculum

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

- interaction with the students to get the feedback from the them to improve the teaching methods

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? **Yes**

- Conducting meeting once in a month
- Taking suggestions from the professionals

43. List the distinguished alumni of the department (maximum 10) :

Sl. No.	Name	Designation
1.	Dr. M. Prasantha Kumari	Assistant Professor, S V University, Tirupati.
2.	Dr. P. Keshalu	Librarian, Degree College, Penukonda.
3.	Dr. V. Ramachandraiah	Librarian, Jr. College, Kalyandurgam
4.	Dr. R. Rajasekhar	Librarian, SSBN Degree College, Ananthapuramu.
5.	Dr. K. Nataraja Naidu	Librarian, Govt. Polytechnic College, Ananthapuramu.
6.	Dr. M. Prakash Rao	Librarian, SDGS Degree College, Hindupur.
7.	Smt. Radhika	Librarian, Degree College, Hyderabad.
8.	Sri. S. Nagaraja Chari	Librarian, Indian Council of Social Science Research, New Delhi.
9	Sri. M. Ezra	Librarian at Directorate of Rich Research, Hyderabad.
10	Sri. G. Venkatanagaiah	Librarian, Sahithya Akadami, New Delhi.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. : **NIL**
45. List the teaching methods adopted by the faculty for different programmes :
1. Students seminars
  2. Tutorials
  3. Unit wise assignment
  4. Use of multimedia using LCD
  5. Group discussion
  6. Interactive Method
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
1. By giving unit-wise assignment
  2. By conducting unit-wise seminar
  3. By conducting Departmental Meeting every month to know the completion of syllabus
  4. By conducting students counselling programme from time to time
47. Highlight the participation of students and faculty in extension activities:
- a. Visiting Libraries of other Colleges
  - b. Participation in Clean & Green Programme in Campus
48. Give details of “beyond syllabus scholarly activities” of the department. :
- a. Attending National Conferences and seminars
  - b. Conducting orientation and user education programme for users of SK University
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
- Visiting other libraries to gain the working knowledge in the field.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. Industry and academia interaction involved in designing Curriculum
2. Committed faculty
3. Wide spectrum of job opportunities for the passed out students from the Department.
4. Student friendly environment
5. Students participate extra-curricular activities including advice for preparation for competitive examination and UGC-JRF-NET.

**Weaknesses:**

1. Lack of adequate teaching faculty.
2. Insufficient infrastructure facility for teaching, learning and to conduct research.
3. There is no separate Departmental Library for easy and better access to scholarly resources for students, research scholars and teaching faculty.
4. There is no independent and functional building for the department
5. Lack of latest knowledge organizational tools like DDC 23<sup>rd</sup> print and Online version i.e., web Dewey, Resource Description and Access (RDA) and Functional Requirement for Document Description and Access tool kit.

**Opportunities:**

1. The LISc course have wide spectrum of job opportunities for the students in academic (School, College, University, engineering, medical libraries), Public, Special, Corporate and Government libraries and Information centres within and outside of the country.
2. The department offers good number of elective and open elective papers for the benefits of LIS students as well as other department students to lean and improve their capacity building in various branches of the subject.

**Challenges:**

1. Majority of the students are admitted to this course is from mother tongue Telugu but the medium of instructions is in English. Therefore the S K University have to establish a English language laboratory to learn and improve the student's effective English communication.
2. The majority of the admitted students do not have sufficient computer and software knowledge in this regard the department must have a have full pledged computer laboratory with sufficient of computers and library science related software's.

52. **Future plans of the department.**

1. To conduct detailed survey on Information Literacy Competencies and Skills among the students, research scholars and faculty members of SK University.
2. To start up add on new courses on PGDLAN (Post Graduate Diploma in Library Automation and Networking), PGDDL (Post Graduate Diploma in Digital Library), PGDDRM (Post Graduate Diploma in Digital Resource Management), PGDWD (Post Graduate Diploma in Web Design), PGDCMS (Post Graduate Diploma in Content Management System).
3. To Introduce Internship Programme for LIS Students in collaboration with leading Academia and Industry.

**Annexure – I: List of Publications**

**PAPERS PUBLISHED IN NATIONAL JOURNALS**

1. D. Ravinder. E-Resources Management with Special Reference to E-Resources: An Overview. Indian Journal of Agricultural Library and Information Services. Vol. 28, No. 1, January-June, 2012, Pp.55-59. ISSN: 0974-8776.
2. P. Suresh and **D. Ravinder**. Information Needs and Information Seeking Behaviour of the Faculty and research scholars of Chemistry Department SKU College: A Study. Orient Journal of Law and Social Sciences. Vol. 6, No. 4, March, 2012, pp. 86-92. ISSN: 0973-7480.
3. D. Ravinder. Application of Information and Communication Technologies in Academic Libraries: An Overview. Granthalaya sarvasam. 2012, Pp. 18 to 20. ISSN: 0972-8140.
4. D. Ravinder. Library Consortia in India: An Overview. Indian Journal of Agricultural Library and Information Services. Vol. 29, No. 2, July-December, 2013, Pp.74-77. ISSN: 0974-8776.
5. D. Ravinder. Usage of Electronic Information Resources by Humanities and Science Faculty Members in Engineering College Libraries. Journal of Research, Extension and Development. Vol. 2, No. 8, April 2014, Pp.15-18. ISSN: 2319-1899.
6. M. Prakash Rao, M. Doraswamy and **D. Ravinder**. Information Use Pattern of Commerce and Management Researchers: A Bibliometric Study. Asian Academic Research Journal of Social Sciences & Humanities. Vol. 1, No. 20, February 2014, Pp.267-280. ISSN: 2278-859X.
7. D. Ravinder. A study on E-Book Reading Habits among MBA & MCA Student in Sri Krishnadevaraya University at Anantapur in Andhra Pradesh. Journal of Research, Extension and Development. Vol. 2, No. 10, June 2014, Pp.47-50. ISSN: 2319-1899.
8. D. Ravinder. Problems in Accessing UGC Infonet E-Journals Consortium among the Research Scholars: A Survey of Sri Krishnadevaraya University Library, Anantapur, Andhra Pradesh. Pearl A Journal of Library and Information Science. Vol. 9, No. 1, January-March 2015, Pp.29-36. ISSN: 0973-7081



**PAPERS PUBLISHED IN INTERNATIONAL JOURNALS**

1. D. Ravinder. E-Resources Management with Special Reference to E-Resources: An Overview. Indian Journal of Agricultural Library and Information Services. Vol. 28, No. 1, January-June, 2012, Pp.55-59. ISSN: 0974-8776.
2. P. Suresh and **D. Ravinder**. Information Needs and Information Seeking Behaviour of the Faculty and research scholars of Chemistry Department SKU College: A Study. Orient Journal of Law and Social Sciences. Vol. 6, No. 4, March, 2012, pp. 86-92. ISSN: 0973-7480.
3. D. Ravinder. Application of Information and Communication Technologies in Academic Libraries: An Overview. Granthalaya sarvasam. 2012, Pp. 18 to 20. ISSN: 0972-8140.
4. D. Ravinder. Library Consortia in India: An Overview. Indian Journal of Agricultural Library and Information Services. Vol. 29, No. 2, July-December, 2013, Pp.74-77. ISSN: 0974-8776.
5. D. Ravinder. Usage of Electronic Information Resources by Humanities and Science Faculty Members in Engineering College Libraries. Journal of Research, Extension and Development. Vol. 2, No. 8, April 2014, Pp.15-18. ISSN: 2319-1899.
6. Sri. M. Prakash Rao, M. Doraswamy and **D. Ravinder**. Information Use Pattern of Commerce and Management Researchers: A Bibliometric Study. Asian Academic Research Journal of Social Sciences & Humanities. Vol. 1, No. 20, February 2014, Pp.267-280. ISSN: 2278-859X.
7. D. Ravinder. A study on E-Book Reading Habits among MBA & MCA Student in Sri Krishnadevaraya University at Anantapur in Andhra Pradesh. Journal of Research, Extension and Development. Vol. 2, No. 10, June 2014, Pp.47-50. ISSN: 2319-1899.
8. D. Ravinder. Problems in Accessing UGC Infonet E-Journals Consortium among the Research Scholars: A Survey of Sri Krishnadevaraya University Library, Anantapur, Andhra Pradesh. Pearl A Journal of Library and Information Science. Vol. 9, No. 1, January-March 2015, Pp.29-36. ISSN: 0973-7081.

**Department of  
Political Science & Public Administration**

1. Name of the Department : **Political Science & Public Administration**
2. Year of establishment : **1984**
3. Is the Department part of a School/Faculty of the University? : **Yes**
4. Names of programmes offered (PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.)
  - a) M.A. Political Science (1984-85)
  - b) M.A. Public Administration (1994-95)
  - c) M.Phil., Political Science & Public Administration
  - d) Ph.D., Political Science & Public Administration
5. Interdisciplinary programmes and departments involved

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Centre-States Relations in India	69	102	MBA, RD,MSW, History, Adult Education, Economics, Sociology, Commerce, English, Telugu
OE-2	Recent Trends in India's Foreign Policy	----	86	---do--

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Semester with CBCS**
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
1.	English	English for Communication General English	0	8
2.	Economics	Economic Development of India & AP Economics of Social Sector	14	7
3.	Rural Development	Rural Development Policies & Programmes in India NGOs and Participatory Approaches for Rural Development	27	10

**Sri Krishnadevaraya University, Ananthapuramu**

4.	Social Work	Social Legislation in India Community based approaches for social development	0	3
5.	Telugu	Telugu Paper-I Adunika Sahityam Vimarsa Vyakaranam	0	1
6.	History	National Movement Leaders of Modern India	3	14
<b>Total</b>			<b>44</b>	<b>43</b>

10. Number of Teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/other

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual</i>
Professor	01	0	02
Associate Professor	02	0	0
Asst. Professor	04	03	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name of the Faculty</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Prof. P.W. Purushotham*	M.A ; M.Phil., Ph.D	Professor	Indian Govt. Politics, Panchayat Raj Institutions	30 Years	5 Nil
Prof. B. Padmanabha Reddy**	M.A ; Ph.D	Professor	International Relations, Foreign Policy	28 Years	08 02
Prof. B.V. Raghavulu	M.A ; M.Phil., Ph.D	Professor	State Govt. & Politics	26 Years	10 Nil
Prof. B. Ananda Naidu	M.A ; M.Phil., Ph.D	Professor	Indian Political System, PRIs	26 Years	12 01
Dr. D. Chandramouli Reddy	M.A ; Ph.D	Asst.Prof	International Relations, Foreign Policy	06 Years	Nil

\*Retired on 30.06.2012 \*\*Retired on 31.05. 2011

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

**13. Percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (PG)</i>	<i>No. of temporary Faculty engaged</i>	<i>Percentage of classes taken</i>
2012-13	M.A. Pol. Science & Pub. Admn.	1	30%
2013-14	M.A. Pol. Science & Pub. Admn.	1	35%
2014-15	M.A. Pol. Science & Pub. Admn.	1	35%

**14. Programme-wise Student- Teacher Ratio**

<i>Year</i>	<i>Programme ( PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	PG Course	26:1
2011-12	PG Course	32:1
2012-13	PG Course	32:1
2013-14	PG Course	32:1
2014-15	PG Course	32:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Junior Asst	01	---	01(Minimum Time Scale)
2.	Office Subordinate	01	---	01(Minimum Time Scale)

**16. Research thrust areas as recognized by major funding agencies**

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Indian Federalism	UGC/ICSSR
2.	International Relations	
3.	Foreign Policy	
4.	State Govt. & Politics	
5.	Indian Administration	
6.	Urban Development Administration	
7.	Rural Development Administration	
8.	E- Governance	
9.	Good Governance & IT	
10.	Panchayatiraj Institutions	

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**

<i>Sl. No.</i>	<i>Name of the Faculty</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof.B.Ananda Naidu	“Policy and Implementation of MGNREGS in Andhra Pradesh – A Case Study of Anantapur District”	UGC	2012-2014	4.27 lakhs

- |     |   |                                |
|-----|---|--------------------------------|
| 18. | Inter-institutional collaborative projects and associated grants received                                   |                                |
|     | a) National collaboration   | b) International collaboration |
|     |   | <b>Nil</b>                     |
| 19. | Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. | <b>Nil</b>                     |
| 20. | Research facility / centre with   | <b>Nil</b>                     |
|     | • state recognition   |                                |
|     | • national recognition  |                                |
|     | • international recognition   |                                |
| 21. | Special research laboratories sponsored by / created by industry or corporate bodies                        | <b>Nil</b>                     |
| 22. | <b>Publications:</b> (Details vide Annexure-I)  |                                |

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	01	-	01	-	04
a)	National	01	-	01	-	04
b)	International	-	-	-	-	-
2.	Monographs	-	-	-	-	-
3.	Chapters in Books	-	04	-	-	03
4.	Edited Books	-	-	-	-	-
5.	Text/ Reference books	-	-	-	-	-
6.	Number listed in International Database	-	-	-	-	-
7.	Citation Index – range / average	-	-	-	-	-
8.	Impact Factor – range / average	-	-	-	-	-
9.	h-index	-	-	-	-	-

- |     |  |   |            |
|-----|--|---|------------|
| 23. | Details of patents and income generated  | : | <b>Nil</b> |
| 24. | Areas of consultancy and income generated  | : | <b>Nil</b> |
| 25. | Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad      | : | <b>Nil</b> |
| 26. | Faculty serving in   |   |            |
|     | a) National committees b) International committees c) Editorial Boards d) any other (please specify)                           | : | <b>Nil</b> |
| 27. | Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). |   |            |

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	Dr.K.Chandramouli Reddy	Refresher Course at ASC, MAUU, Hyderabad	May, 2015

28. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects : NIL
  - percentage of students doing projects in collaboration with other universities / industry / institute : Nil
29. **Awards / recognitions received at the national and international level by**
- Faculty : Nil
  - Doctoral / post doctoral fellows : 08
  - Students : Nil
30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates
1.	Two Day National Seminar on 'Food Security Bill'	Prof.B. Ananda Naidu & Prof. B.V. Raghavulu	UGC	7 <sup>th</sup> & 8 <sup>th</sup> March, 2014
<b><u>Names of Outstanding Participants:</u></b> 1). Prof. P. Krishna Prasad, 2). Prof. P. Nirmala Devi 3). Prof. Midatala Rani 4). Prof. S.A. Palekar 5). Prof. G. Sreeramulu 6). Prof. G. Ram Reddy 7). Prof. Y. Gurrappa Naidu 8). Prof. B. V. Chalapathi 9). Dr. B. Sanjeeva Reddy 10). Dr. A. Hari Prasad 11). Dr. Bharati Pandurangan 12). Dr. C. Ramanjineyulu 13). Dr. Bargavi 14). Dr. Gunde Gouda 15). Ms. Poornam Kuwar 16). Dr. Rahul V. Sinde 17). Dr. Y. Janardhan Reddy 18). Dr. K. Nagabhushana 19). Dr. Shripad Kulkarni 20). Gadde – Meka Rajyalakshmi 21). Dr. Honnurali 22). Dr. Basava Raj Shivappa 23). Dr. Chidanand S Anur				

31. **Code of ethics for research followed by the departments**
- Research Monitoring Committee (RMC) consisting of HOD, Chairman, BOS and Faculty Member is formed. This committee has been monitoring the research work undertaken by the PDFs and Research Scholars from time to time. This committee will guide the scholars in selection of the research problem and avoiding duplication. The material collected by the research scholars is properly acknowledged. The sources collected for the purpose of research by the scholars are strictly used for the academic purpose only.
32. **Student profile programme-wise:**

**M.A. Political Science**

Academic Year	Applications Received	Admitted Students		Pass Percentage	
		Male	Female	Male	Female
2010 – 2011	642	22	05	84%	100%
2011 – 2012	592	19	03	82%	86%
2012 – 2013	663	24	06	77%	83%
2013 – 2014	612	27	08	84%	86%
2014 – 2015	654	27	08	85%	90%

**M.A. Public Administration**

<i>Academic Year</i>	<i>Admitted Students</i>		<i>Pass Percentage</i>	
	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
2010-2011	14	06	89%	90%
2011-2012	17	02	85%	100%
2012-2013	21	04	85%	75%
2013-2014	23	06	80%	85%
2014-2015	24	06	91%	89%

*\*Common Entrance Examination for the both Courses.*

**Research Scholars in M.Phil / Ph.D - Political Science & Public Administration**

Admission Year	Applications Received	Selected Male	Selected Female	Pass Percentage Male	Pass percentage Female
	M.Phil - Ph.D	M.Phil - Ph.D	M.Phil - Ph.D	M.Phil - Ph.D	M.Phil - Ph.D
2010 - 2011	263	05    10	- NIL -    03	80 %	65 %

**33. Diversity of students**

<i>Name of the Programme (refer to Question no. 4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
M.A. Political Science	85 %	15 %	---	---
M.A. Public Administration	90 %	10 %	---	---
M. Phil	92 %	8 %	---	---
Ph.D	90 %	10 %	---	---

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of Students</i>					
		<i>NET</i>	<i>SET</i>	<i>GATE</i>	<i>Civil Services</i>	<i>State Services</i>	<i>Other exam (specify)</i>
1.	2010-11	-	-	-	-		
2.	2011-12	-	02	-	-	05	06(DSC)
3.	2012-13	02	02	-	-	01	05 (JL) 09(DSC)
4.	2013-14	01	03	-	-	-	01(DL)
5.	2014-15	-	03	-	-	-	-



**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	----
PG to M.Phil.	5
PG to Ph.D.	13
Ph.D. to Post-Doctoral	6
Employed	
Campus selection	Nil
Other than campus recruitment	24
Entrepreneurs	Nil

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	--
From other universities within the State	100%
From universities in other states	--
From universities outside the country	--

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

**Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- a) Library : Nil
- b) Internet facilities for staff and students : For Staff only
- c) Total number of class rooms : 02
- d) Class rooms with ICT facility : Nil
- e) Students' laboratories : Nil
- f) Research laboratories : Nil

**39. List of doctoral, post-doctoral students and Research Associates**

- a) from the host institution/University
- b) from other institutions/universities

**List of Doctoral students awarded Ph. D.**

<i>Sl. No.</i>	<i>Name of the Research Scholar</i>
1.	K.Prabhakar Reddy
2.	K.Jayarami Reddy
3.	K.Veera Raju
4.	A.Sesha Reddy
5.	ACR Diwakar Reddy
6.	M.Ayyappa
7.	P.Bhaskar
8.	P.Raghupati Reddy
9.	N.Chandra Sekhar Reddy
10.	B.Gopal Naik
11.	M.Obalesu
12.	B.Konda Reddy

13.	M.Nagesh
14.	M.V.Prasad
15.	K.Ramalingappa
16.	A.Radhakrishna
17.	A.Muddappa
18.	M.Jabeen Taj
19.	G.Ramamohan Reddy
20.	N.Ranga Reddy
21.	M.Kannaiah
22.	N.John Sreenivasulu
23.	M.Obulapathi
24.	K.Damodar Reddy
25.	M.Bhaskar Reddy
26.	M.Bala Swamy
27.	M.Venkatesulu
28.	T.S.Shyam Prasad

**List of Ph.D., Scholars (Full-Time)**

<i>Sl. No.</i>	<i>Name of the Research Scholar</i>
1.	M. Ashutananda
2.	B.S.K.Leelavathi
3.	M.Ramanjaneyulu
4.	D.Ravi Varma
5.	G.Nagaraju
6.	R.Ramamohan
7.	P.Maddiletty

**List of Ph.D., Scholars (Part-Time )**

<i>Sl. No.:</i>	<i>Name of the Research Scholar</i>
1.	D.C.Sugappa
2.	D.Vijayalakshmi
3.	K.Sudarsan
4.	K.Mohan Rao

**List of PDF scholars**

<i>Sl. No.</i>	<i>Name of the PDF Scholar</i>	<i>Name of the Funding Agency</i>
1.	Dr. S.P. Rajendran	UGC
2.	Dr. K. Veeraraju	UGC
3.	Dr.B. Gopal Naik	ICSSR
4.	Dr. N.Chandra Sekhar Reddy	ICSSR
5.	Dr. M. Obulesu	ICSSR
6.	Dr. M. Veera Prasad	ICSSR
7.	Dr.B. Konda Reddy	ICSSR
8.	Dr. A. Muddappa	ICSSR
9.	P.Maddiletti	JRF-UGC

40. Number of post graduate students getting financial assistance from the University:  
All the SC,ST, OBC and Minority students got sholarships
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Nil
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Through internal and external BoS meetings and the same is used for revising the curriulum.
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
IQAC obtains feedback on teachers and the same is used to improve the performance of teachers
  - alumni and employers on the programmes offered and how does the department utilize the feedback?  
**YES, thorough informal interactions and used to introduce changes from time to time for the benefit of the students and scholars)**
43. List the distinguished alumni of the department (maximum 10)
1. Venkateswarlu (RDO, Tenali)
  2. Bhaskar Naidu (RDO, Guntur)
  3. U. Narasingappa (DSP, Anantapuram)
  4. Dr. C. Sheela Reddy, Associate Professor (IIPA, New Delhi)
  5. Dr. N. Rangaswamy (Principal, GDC (A) for Men, Anantapuram)
  6. Dr. C. Jaya Prakash Reddy (Principal, GDC, Tadipatri)
  7. Dr. T.S. Shyam Prasad (DL, GDC for Men, Anantapuram)
  8. B. Parvathi (Group-I Officer, FAO, SSA, Anantapuram)
  9. M. Achuthananda (DL, GDC, Kalyandurg)
  10. John Sreenivasulu (Dy. Commissioner, Commercial Taxes, Hyderabad)
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
1. Special Lecturers delivered by the external Professors.
  2. Class room work shops are organized by the faculty of the department.
  3. Seminars were organized by the faculty as well as the faculty of other Social Sciences.
45. List the teaching methods adopted by the faculty for different programmes.
- Traditional Chalk & Talk
  - Group Discussions
  - Class Room Seminars
  - PPT
  - Teacher- centered approach to learning
  - Students- centered approach to learning
  - Class room response system 8). Internet

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
Through Departmental meetings and interaction with the students and research scholars regularly.
47. Highlight the participation of students and faculty in extension activities.  
NSS, Extension activities are organized in the villages to create awareness among the rural people by the students and faculty relating to voting behavior, rural development programs swatch bharaath, health awareness, etc.
48. Give details of “beyond syllabus scholarly activities” of the department.
  1. Organizing Seminars / Workshops on current topics.
  2. Group discussions on public policies.
  3. Discussion on National & International events.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NIL
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
Group discussions, Mock interviews, Seminars on current topics and issues, Encouraging & enlighten the Students for competitive examinations, etc.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths**

1. Competent Faculty
2. Commitment to Teaching and Research by the Faculty
3. UGC and ICSSR Post Doctoral Fellowships to our Doctorates
4. PDF Scholars are engaging in Class room teaching
5. Change of Syllabi from time to time to cater the needs of students

#### **Weaknesses**

1. Lack of Permanent building (class rooms, staff rooms & separate Head room)
2. No Interment facility in the class rooms
3. Inadequate Teaching Staff
4. No Computer lab
5. No Departmental Library facility

#### **Opportunities**

1. Syllabi according to the needs of the students.
2. There are employment opportunities to research scholars & students in different services like Group- 1, Group- II, DL, JL, Teachers, Police Recruitment, etc.

#### **Challenges**

1. To impart teaching with the existing staff.
2. Research activities with the minimum infrastructure facilities and staff.
3. Academic activities is being carried out with inadequate staff.

4. To carryout academic activities like Seminars, Workshops, Conferences, Guest lectures is very difficult because of lack of sufficient finances.

52. **Future plans of the Department:**

The department plans to establish Centre for Urban Studies, Centre for Good Governance & IT, Centre for Policy Studies and Short-term Certificate Courses like Consumer Awareness course, Right to Information, Basic Legal Education, Protection of Childs' Rights, Women Rights etc.,

**Annexure-I: List of Publications by the Faculty**

Sl. No.	Title of the Paper	Book/ Journal	Publishers	Vol. No.	Year
<b>Prof.B.Ananda Naidu</b>					
1.	Right to Information Act and Health Services: A Case Study of Anantapuram District	Good Governance and Rural Development in India	CR Reddy Educational Institutions, Eluru	ISBN: 978-1-5032-1	Sept, 2014
2.	Intermediate (First Year) Public Administration (EM& TM)	Text Book Lessons	Telugu Academy, Hyderabad	----	2014
3.	The Status and Specific Impact of MGNREGP on Rural Masses	Local Governance and Rural Empowerment-Trends and Challenges	Concept Publishing Pvt. Ltd., New Delhi	ISBN: 13:978-93-5125-182-8	2015
<b>Prof.B.V.Raghavulu</b>					
1.	"Local Bodies and their Role in the era of Good Governance in India-An Overview"	Journal of Advanced Public Administration	Research Centre of Public Administration, Degloor College, DEGLOOR		Aug, 2011
2.	Administrative Theories	Text Book	Students Help Line Publishers, Hyderabad		2011
3.	Concepts and Ideas of Public Administration	Text Book	Students Help Line Publishers, Hyderabad		2011
4.	Western Political Thought	Text Book	Students Help Line Publishers, Hyderabad		2012

5.	Social and Political Thought in India	Text Book	Students Help Line Publishers, Hyderabad		2012
6.	Impact of SHGs on Women Empowerment in Anantapuram District of A.P.			ISSN - 2230-7850, Vol.4, No.10	Nov, 2014
7.	Intermediate Civics-I (EM& TM)	Text Book	Telugu Academy	-	2014
8.	Intermediate Civics-II (EM& TM)	Text Book	Telugu Academy	-	2014
9.	Right to Information Act and Health Services: A Case Study of Anantapuram District	Good Governance and Rural Development in India	CR Reddy Educational Institutions, Eluru	-	Sept, 2014
<b>Dr.D.Chandramouli Reddy, Asst.Professor</b>					
1.	Public-Private Partnership- A Debate	Journal of Advanced Public Administration	Research Centre of Public Administration, Degloor College, DEGLOOR	ISSN: 2229-7553 Vol. 5	Sept-2015 to Feb, 2016

## Department of Rural Development & Social Work

1. **Name of the Department** : **Department of Rural Development & Social Work**
2. **Year of establishment** : **1977**
3. **Is the Department part of a School/Faculty of the University?**  
**Yes, Faculty of Social Sciences**
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
 M.A. Rural Development  
 M.Phil in R.D.  
 Ph.D. in R.D.  
 Master of Social Work  
 M.Phil. in S.W.  
 Ph.D. in S.W.
5. **Interdisciplinary programmes and departments involved**

### Details of OE Offered by the Department in Rural Development

Sl. No	Title of OE paper	No. of students opted	
		2013-14	2014-15
M.A. Rural Development			
OE-1	Rural Development Policies and Programmes in India	203	131
OE-2	Non-Governmental Organizations and Participatory Approaches for Rural Development	203	131

### Details of students chosen OE Offered by the Rural Development

Sl. No	Course	No of Students Opted	
		2013-14	2014-15
1	M.B.A	07	07
2	Commerce	22	13
3	Public Administration	13	---
4	Political Science	16	10
5	Sociology	23	07
6	Economics	11	11
7	Applied Economics	13	15
8	English	23	21
9	Telugu	11	04
10	Adult Education	06	05
11	Social Work	17	16
12	History	20	08
13	M.Li.Sc	14	14
14	M.PED	07	---
15	<b>Total</b>	<b>203</b> (Two hundred and Three)	<b>131</b> (one hundred thirty one)



**Details of OE Offered by the Department in MSW course**

Sl. No	Title of OE paper offered	No. of students opted	
		2013-14	2014-15
OE-1	Social Legislation in India	Nil	53
OE-2	Community Based Approaches for Social Development	Nil	53

**Details of students chosen OE Offered in the MSW course**

Sl. No.	Course	No of Students Opted	
		2013-14	2014-15
1	Rural Development	---	5
2	Political Science	---	3
3	Sociology	---	23
4	English	---	5
5	Applied Economics	---	5
6	Economics	---	5
7	History	---	4
8	M.Li.Sc.	---	3
	<b>Total</b>	---	<b>53 (Fifty Three)</b>

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

*NIL*

7. Details of programmes discontinued, if any, with reasons :

*NIL*

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

- Semester
- Choice Based Credit System

9. Participation of the department in the courses offered by other departments

Sl. No	Name of the Department	Title of OE paper	No. of students opted	
			2013-14	2014-15
M.A. Rural Development				
1.	English	English for Communication	4	2
2.	Economics & Applied Economics	Economic Development of India & A.P.	15	2
3.	History	National Movement	6	12
4.	Political Science	Centre State Relations in India	6	11
Master of Social Work				
1.	English	English for Communication	4	6
2.	Political Science & Public Administration	Centre State Relations in India	3	4
3.	Economics & Applied Economics	Economic Development of India & A.P.	4	4

**Sri Krishnadevaraya University, Ananthapuramu**

4.	History	National Movement	4	3
5.	Telugu		3	2
6.	Rural Development	Rural Development Policies & Programmes in India	17	16

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)  
(as on 30-06-2015)

**Rural Development**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professors	2	---	6
Associate Professors	3	3	---
Asst. Professors	5	3	---
Others	---	---	---

**Social Work**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	---	---	---
Associate Professors	---	---	---
Asst. Professors	---	1*	1
Others (Teaching Assistant)	---	---	1

\* One post filled against total posts sanctioned to the University

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of M.Phil/ Ph.D. students guided for the last 4 Years</i>
Dr.V.Reddappa Reddy	M.A. Ph.D	Professor	Natural Resource Management; Monitoring and Evaluation	27	2 Ph.D
Dr. G.Sreedhar	M.A. Ph.D	Professor	Natural Resource Management; Women Empowerment	30	2 Ph.D., 1 M.Phil.
Dr. K. Bhaskar	M.A., M.Phil., Ph.D	Professor	Rural Marketing; Women Empowerment	30	1 Ph.D.
Dr. C. Sudhakar	M.A., M.Phil., Ph.D	Professor	Natural Resource Management; Rural Entrepreneurship	30	3 Ph.D.

Dr. K. Govindappa*	M.A. Ph.D	Professor	Natural Resource Management; Human Resource Management	26	5 Ph.D.
Smt. R.Suguna Kumari**	M.A. Ph.D	Professor	Women Empowerment	25	1 M.Phil
Dr. D. Chenna Reddy	M.A. Ph.D	Professor	Human Resource Development	26	10 Ph.D., 2 M.Phil.
Dr. M.Muninarayana ppa	M.A. Ph.D	Professor	Natural Resource Management Women Empowerment	18	3 Ph.D
Dr. P. Firoz Babu	M.S.W. Ph.D	Asst. Professor	Generic Social Work	06	---

\*Expired on 01-02-2015, \*\*Retired on 28-02-2014

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

Year	Programme UG/ PG)	No. of temporary faculty engaged	Percentage of classes taken (Percentage)
2010-11	MSW	3	75
2011-12	MSW	3	75
2012-13	MSW	2	67
2013-14	MSW	1	50
2014-15	MSW	1	50

14. Programme-wise Student Teacher Ratio

Year	Programme (UG/ PG)	Student-Teacher Ratio	
		Rural Development	Social Work
2010-11	PG	12:1	35:1
2011-12	PG	12:1	35:1
2012-13	PG	12:1	35:1
2013-14	PG	12:1	35:1
2014-15	PG	12:1	35:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

SI. No	Designation	No. of posts sanctioned	No. of posts filled	No. of posts existing (actual)
1.	Junior Assistant	01	01	01
2.	Attenders*	01	01	02

- Attender in the post was transferred in July 2013.

- At present two attenders of Time Scale are working.

16. Research thrust areas as recognized by major funding agencies

Sl. No	Research thrust area	Name(s) of the funding agency
1.	Natural Resources Management	UGC (SAP)
2.	Women Empowerment	UGC (SAP)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No	Name of the Faculty member	Title of the project	Name Of The Funding agency	Period	Grants received (Rs. Lakhs)
1.	Dr. M. Muni narayanappa	Joint Forest Management Programme: Its Functioning and Impact-A Study in Rayalaseema Region of Andhra Pradesh	UGC	01-07-2012 to 31-12-2014	8.37

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration : Nil      b) International collaboration : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No	Name of the Project	Funding agency	Period	Grants received (Rs. Lakhs)
1.	UGC-SAP	UGC	2009-2014	22.42

20. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: (Details furnished in Annexure-I)

Sl. No	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:					
a)	National	4	4	4	1	1
b)	International		1			
2	Monographs					
3	Chapters in Books					
4	Edited Books	2	2	8	4	2
5	Text/ Reference books	-	4	-	2	-

6	Number listed in International Database					
7	Citation Index – range / average					
8	Impact Factor – range / average					
9	h-index					

23. Details of patents and income generated : NIL
24. Areas of consultancy and income generated : NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : NIL
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) : NIL
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No	Name of the Faculty member	Name of the programme attended	Dates
1.	Prof. G.Sreedhar	Induction programme for Executive Group of A.P. Knowledge Mission. ISB, Hyderabad,	18-19 February, 2015.
2.	Prof. G.Sreedhar	Transforming A.P. into Education and Knowledge Hub, Centre for innovations in Public Systems, A.S.I.C., Hyderabad	23-24 April, 2015.

28. Student projects
- Percentage of students who have done in-house projects including inter-departmental Projects : 100% - To help the students in conducting meaningful studies at the village level.
  - Percentage of students doing projects in collaboration with other universities / industry / institute: 100% - To facilitate the students to acquire practical knowledge relating to the curriculum. Students will be sent to GOs and NGOs, and other organizations such as Hospitals, Industries, etc., for Block Placement during summer after IV semester course work.
29. Awards / recognitions received at the national and international level by
- Faculty
  - Doctoral / post doctoral fellows
  - Students

<i>Sl. No</i>	<i>Name of the awardee</i>	<i>Name of the award/ recognition</i>	<i>Agency</i>	<i>Date</i>
1.	Prof. V.Reddappa Reddy	State Award for Teachers	Govt. of Andhra Pradesh	2013
2.	Prof. G.Sreedhar	State Award for Teachers	Govt. of Andhra Pradesh	2014

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<i>Sl. No</i>	<i>Name of the Seminar/ Conference/ Workshop organized</i>	<i>Name of the Director and Co-Director</i>	<i>Funding Agency</i>	<i>Dates</i>	<i>Names of outstanding participants</i>
<b>National Seminars</b>					
1.	Sustainable Management of Natural Resources: Challenges and Responses	Prof. G.Sreedhar and Prof. K.Bhaskar	UGC	24-25, March, 2014	1).Dr. Arivudai Nambi Appadurai, Strategy Head, Vulnerability & Adaptation Initiative, World Resources Institute (WRD), India, Bangalore 2) Dr. Daldir Singh Institute of Development Studies, Jaipur.
2.	PURA for Integrated Rural Development (Jointly organised with DNR PG College, Bhimavaram)	Dr. K. Satyanarayana, co-ordinator, Prof. G. Sreedhar, Co-chairperson	UGC	13-14 Feb, 2014	Prof. P. Raju Koteswar, Central University of Kerala, Kasaragod.
3.	Rural Women and Natural Resources Management: Opportunities, Policies and Challenges	Prof. G.Sreedhar and Prof. K.Bhaskar	UGC	15-16, March, 2013	1) Smt. C. Rama Lakshmi, Commissioner, Dept. of Sericulture, Government of Andhra Pradesh, Hyd. 2) Prof. V.J.Naidu, Formerly Professor of Economics, S.K.University, Tirupati. 3) Dr. Sagari R Ramdas Anthra, Hyderabad 4) Saroj Arora Centre for Rural Studies, Lal Bahadur Shastri National Academy of Administration,

					Mussorie. 5) Prof K.R. Chowdary Professor (Rtd.) of Agricultural Economics, 6) Prof. S. Galab Director, Centre for Economic and Social Studies, Hyderabad
4	Contributions of Dr. Y.S. Rajasekhara Reddy to Rural Development	Prof. V. Reddappa Reddy and Prof. K Govindappa		7-8 <sup>th</sup> April 2011	1) Y. Venkata Rami Reddy Farmer Chairman A.P APPSC, UPSC 2) Y.V. Malla Reddy (A.F. Ecology Centre, RDT)
5	Natural Resources Management and Livelihoods in Drought Prone Regions	Prof. V. Reddappa Reddy and Prof. G .Sreedhar	UGC	22-23, March, 2010	1) Prof. K. R. Chowdary, Institute for Developing New Generation Manager, (IDMM), New Delhi. 2) Kallol Biswas, IFS Divisional Forest Officer, Anantapur 3) Dr. YV Malla Reddy, Accion Fraterna

31. **Code of ethics for research followed by the departments**

1. The Department Research Committee scrutinises the research proposals submitted by M.Phil/Ph.D scholars to ensure that there is no duplicity in research topics.
2. Advising the research scholars to maintain the confidentiality of data and information collected from the respondents and take consent from them to use the data for research purpose.
3. Verifying whether the research scholars followed the code of ethics for research in the two seminars by them on the methodology followed and major findings and recommendations.

32. **Student profile programme-wise:**

**Rural Development**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications Received</i>	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
UG/PG programme	---	---	---	---	---
2010-11	262	23	4	100%	100%
2011-12	254	23	8	100%	100%
2012-13	266	23	8	100%	100%
2013-14	207	27	6	100%	100%
2014-15	267	26	6	100%	100%
M. Phil.	40	10	01	100%	100%
Ph.D.	80	23	6	100%	100%



**Social work**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Applications Received</i>	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>
UG/PG programme	---	---	---	---	---
2010-11	271	32	3	100%	100%
2011-12	263	28	6	100%	100%
2012-13	292	29	6	100%	100%
2013-14	364	28	7	100%	100%
2014-15	453	24	9	100%	100%
M. Phil.	30	04	01	100%	100%
Ph.D.	30	14	06	100%	100%

**33. Diversity of students**

**Rural Development**

<i>Name of the Programme (refer to question no. 4)</i>	<i>Percentage of students from the same University</i>	<i>Percentage of students from other Universities within the State</i>	<i>Percentage of students From universities outside the State</i>	<i>Percentage of students from other countries</i>
UG/ PG programme	---	---	---	---
2010-11	95	5	---	---
2011-12	95	5	---	---
2012-13	95	5	---	---
2013-14	95	5	---	---
2014-15	95	5	---	---
M.Phil.	90	10	---	---
Ph.D.	70	20	10	---

**Social Work**

<i>Name of the Programme (refer to question No.4)</i>	<i>% of students from the same University</i>	<i>% of students from other universities within the State</i>	<i>% of students from universities outside the State</i>	<i>% of students from other countries</i>
UG/PG Programme	---	---	---	---
2010-11	80	20	---	---
2011-12	82	18	---	---
2012-13	78	22	---	---
2013-14	76	24	---	---
2014-15	79	21	---	---
M.Phil.	77	23	---	---
Ph.D.	71	17	12	---

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.  
 Rural Development : *NIL* (Since NET is not offered in Rural Development, students qualified SET in the subject of Economics)

**Rural Development**

Sl. No	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (Teachers)
1.	2010-11	---	---	---	---	---	5
2.	2011-12	---	---	---	---	---	6
3.	2012-13	---	---	---	---	---	5
4.	2013-14	---	---	---	---	---	6
5.	2014-15	---	2	---	---	---	---

**Social Work**

Sl. No	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (Teachers)
1	2010-11	---	---	---	---	---	7
2	2011-12	---	---	---	---	---	5
3	2012-13	1	---	---	---	---	4
4	2013-14	3	3	---	---	---	5
5	2014-15	2	1	---	---	---	---

35. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	NA
PG to M.Phil.	11
PG to Ph.D.	23
Ph.D. to Post-Doctoral	05
Employed-Campus selection	12
Employed -Other than campus recruitment	17
Entrepreneurs	---

36. **Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	86
From other universities within the State	-
From universities in other states	14
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : *NIL*

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Yes  
 b) Internet facilities for staff and students : Yes

- c) Total number of class rooms : 04
- d) Class rooms with ICT facility : 04
- e) Students' laboratories : Nil
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/University :

Post Doctoral Fellows in Rural Development

- 1) M. Naga Raju
- 2) A.Nageswara Rao
- 3) G.Rama Mohana Reddy

**Doctoral Scholars awarded with Ph.D.**

Sl. No.	Rural Development	Social Work
1.	B. Chandra Seakhar	M.S. Sreedevi (W)
2.	M. Muthyalu	D. Sreenivasa Reddy
3.	M. Rama Naidu	P. Narasimha Reddy
4.	C. Ramkishna Rao	G. Ravi Sankar Reddy
5.	Bandaru Murali Mohan	A.Venkatapati
6.	S. Thippa Reddy	S.Govinda Naik
7.	C. Ramanjeneyulu	Rajeswari (W)
8.	Katta. Satyanarayana	
9.	Karanam. Radha Rani (W)	
10.	Jagadish	
11.	S. Nagasheshamma (W)	
12.	M. Nagaraju	
13.	D.Babu	
14.	A. Nageswar Rao	
15.	Rammohan Reddy Gadde	
16.	Krushnamma	
17.	Satyanarayana	
18.	J. Madhusudan	
19.	C. Eswaraiah	
20.	G. Ramalingappa	

**Doctoral Scholars on Rolls**

Sl. No	Rural Development	Social Work
1.	R.Vijay Bhaskar	D. Siva Kumar
2.	Y.Giri Prasad	G. Sivanna
3.	B.venkatesulu Babu	C. Lalithamma
4.	C.Aswartha Reddy	A. Siva Sankaraiah
5.	V.Ravindra	B. Ravi Kumar
6.	G.Chandra Mohan	G. Srinivasulu

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7.	C.Venkata Reddy	J. Sri Lakshmi
8.	M.Venkata Sudheer Reddy	G. Chandramouli
9.	M.Bayanna	B. Haritha
10.	C. Padmavathi	D. Sujatha
11.	B.Vijay Kumar	P.G. Sunandamma
12.	G.Ramanjineyulu	Narayana Reddy
13.	K.Yerriswamy	G.Shanthalakshmi, (NET)
14.	T.Krishnaveni	
15.	A.Amruthavalli	
16.	T.Narayana	
17.	S.Veeranjineyulu	
18.	K.Rajasekhar	
19.	H.Tirupalu	
20.	G.Radha	
21.	P. Rama Subba Reddy	
22.	D. Dada Bee	
23.	M. Sudha Parimala	

**b) from other institutions/ universities**

**Doctoral scholars on Rolls:**

<i>Sl. No</i>	<i>Rural Development Department</i>	<i>NET/ Exc</i>	<i>Social Work</i>	<i>NET/ Exc</i>
1.	Kallop Biswas	Executive Quota	S. Georg Bernad Sha	Executive Quota
2.	C. B. Harinath Reddy	"	N.L. Anand	"
3.	Y. Vidya sankhar	"	Y. Anthoni Reddy	"
4.	G. Ramanjaneyulu	"	Ramanatha Reddy	
5.	K. Neelakanta Reddy	"	----	
6.	D.S. Rao	"	----	
7.	R.Sreenivasa Prasad	"	----	
8.	D. Purushotham	"		

**40. Number of post graduate students getting financial assistance from the University:**

**M.A. Rural Development**

<i>Sl. No</i>	<i>Year</i>	<i>No. of students obtaining</i>				
		<i>Merit scholarship</i>	<i>SC/ST scholarship</i>	<i>OBC scholarship</i>	<i>Minority scholarship</i>	<i>Fees reimburse ment</i>
1.	2010-11	---	08	10	01	---
2.	2011-12	---	09	11	01	---
3.	2012-13	---	14	07	01	---
4.	2013-14	01 (Prathibha Award)	10	12	01	---
5.	2014-15	---	17	07	---	---

**Master of Social Work**

Sl. No	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	---	08	09	01	---
2.	2011-12	---	08	12	01	---
3.	2012-13	---	09	10	01	---
4.	2013-14	---	06	12	01	---
5.	2014-15	---	07	10	01	---

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : No

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Annual review and updating of curriculum in BOS Meetings

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Performance Appraisal of Teachers by the Students; Inputs from the students are discussed in the Staff Council Meetings and the observations of the students are communicated to respective teachers.
- Individual teachers constantly enquire into the understanding levels and accordingly inputs will be given to the students in tune with their understanding capacities.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback is put for discussion in BOS meetings and used for further improvement

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Rural Development	Social Work
1.	<b>Prof. G.Pakki Reddy</b> , Executive Director, (Agri-Biotech Foundation, ANGRAU, Hyderabad)	<b>Mr.K.Kanta Rao</b> , (CDPO), Child Development Project Officer, Marpalli, ICDS Project, Ranga Reddy Dist, Hyd.
2.	<b>Mr. Hari Narayana</b> , (M&E.,RDT), Anantapuramu	<b>Mr. G.Srinivasa Rao</b> , Manager, HR, Gulf contracting company, Kathar, Doha.
3.	<b>Mr.Mohana Murali</b> , (Syndicate Bank),	<b>Mr.G.Bhanu Prasad</b> , Manager, HAL, Bangalore
4.	<b>Sri A.VenkataRami Reddy</b> , (Ex M.P., Anantapuramu)	<b>Mr.Srinivasa Murthy</b> , Circle Inspector of Police, Yemmiganur, Kurnool (Dist).

5.	<b>Dr. P.K.Bhowmik</b> , Professor, Rural Development Centre, I.I.T., Kharagpur	<b>Mr. Govinda Naik</b> , Assistant Commissioner, Education Department, Anantapuramu dist.
6.	<b>Dr. Muthyalu</b> , Associate Professor, Ethiopia	<b>Mr. Prakash Reddy</b> , Project Manager, HEADS NGO, Muttala, Atmakur, Anantapuramu dist.
7.	<b>C.Somasekhar</b> , Assistant Professor, Acharya Nagarjuna University, Guntur	<b>Dr.P.SubbaRamaRaju</b> , Assistant Professor, Vikrama Simhapuri University, SPSR Nellore Dist.
8.	<b>V.Divyatejomurthy</b> , Assistant Professor, Acharya Nagarjuna University, Guntur	<b>Smt. Sunanda</b> , Principal, Rodamestri College of Social Work, Gachibowli, Hyderabad.
9.	<b>Dr. P.Pratapa Reddy</b> , District Employment Officer, Kurnool dist.	<b>P.Chandra Sekhar</b> , Managing Director, JOBCARDS.Com, ManPower Solutions Pvt.Ltd., Bangalore.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No	Year	External experts invited	Programme organised
1.	2010-11	1). Dr.Y.V.Malla Reddy, Accion Freterna)	Special Lecture
2.	2011-12	1). Mr.Manchoo Ferror, RDT.	Special Lecture
3.	2012-13	1). Mr.Dilli Rao, P.D., D.W.M.A., Anantapuramu.	Special Lecture
4.	2013-14	1).Mr.Venkatesam, P.D., D.R.D.A., Anantapuramu, 2) Dr.Yalamanda Reddy, Accion Freterna,	Special Lecture
5.	2014-15	1). Mr.Raghavaiah, D.F.O., Anantapuramu	Special Lecture

45. List the teaching methods adopted by the faculty for different programmes.

- ICT learning material
- Interactive teaching
- Lectures
- Tutorials
- Field work/Exposure visits
- Student seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Based on the Market ability of Rural Development Professionals produced by the department every year, the department could gauge the extent to which objectives of the course have been realised. As far as social work is concerned the industry needs will be taken into account and accordingly changes have been made in the syllaby from time to time.

- Seminars
  - Viva-voce
  - Annual review and updating of curriculum,
    - Quarterly review of completion of syllabus
    - Quarterly review of field work
47. Highlight the participation of students and faculty in extension activities.
- Faculty with the help of students Awareness programmes have been carried out. Every year World Aids Day will be celebrated. In addition students were involved in the events of Swacchha Bharath, International Women's Day will be celebrated.
  - In addition, women's SHGs and farmers were provided with the knowledge support to strive further
  - Participation in NSS, Sports & Cultural Activities, old age homes, conduct of medical camps, conduct of National and International events.
48. Give details of "beyond syllabus scholarly activities" of the department. : *NIL*
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : *No*
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
1. Research findings are passed on to the concerned departments to improve the service delivery mechanisms of GOs and NGOs.
  2. Using the consultancy, monitoring and evaluation expertise of faculty in classroom teaching, exposing the students to latest developments in field situations.
  3. Teachers have brought out text book on Rural Development at graduate and post-graduate level and reference books on various themes such as Natural Resources Management, Tank Irrigation, etc.
  4. Teachers have also been delivering radio talks on currently relevant issues.
  5. Further, news paper articles have also been published to sensitize the target groups.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

1. Experienced faculty
2. Use of ICT learning material
3. Concurrent field work
4. Expertise in varied fields like Natural Resource management (NRM), women empowerment, Human resources development, credit and marketing, rural entrepreneurship and Monitoring and Evaluation, project planning.
5. Knowledge sharing with Government and NGO functionaries.

**Weaknesses**

1. Shortage of faculty of Social Work
2. Absence of Field work and placement officer
3. Absence of transport facility for field work visits
4. Lack of English communication skills among the students
5. Students mostly from Telugu medium background



**Opportunities**

1. Collaborations with NGOs and GOs
2. Collaborations with Industry
3. Wide scope for employment
4. Training of grassroots level functionaries of GOs and NGOs.
5. Demonstration of Rural technologies.

**Challenges**

1. Superannuation of experienced faculty
  2. Absence of continuity in faculty recruitment
  3. Students with poor academic background
  4. Lack of funding support for concurrent field work.
  5. Absence of facilities for discrimination of knowledge to local communities.
52. **Future plans of the department.**
1. To introduce a four-year integrated courses in Rural Development and Social Work after plus-two level.
  2. Establishment of Rural Technology Park in the University campus for demonstration and Training.
  3. Coordinating with Govt. and NGOs in the effective implementation of Development initiatives.

**Annexure-I: Details of Publications**

**Books**

- Sreedhar, G. and D. Rajasekhar (2014), *Rural Development in India: Strategies and Processes*, Concept Publishing Company, New Delhi.
- Muninarayanappa, M and G. Sreedhar (2014), *Forest Management: Process and Impact*, Commonwealth Publishers, New Delhi.
- Reddy V. Reddappa (2012) *Participatory Forest Management: Theory and Practice*, LAP Lambert Academic Publishing, Saarbrücken, Germany.
- Reddy V. Reddappa (2012), *Toolkit for Conducting Base Line Survey: Tools and Techniques*, LAP Lambert Academic Publishing, Saarbrücken, Germany.
- Reddy V. Reddappa (2012), *Social Satisfaction Survey: A Practical Help Line*, LAP Lambert Academic Publishing, Saarbrücken, Germany.
- Reddy V. Reddappa, K. Govindappa and K. Harimohan Reddy (ed) (2012), *Rural Glory*, Diksuchi Publications, Anantapur.

**Papers in Journals**

**National:**

- Muninarayanappa, M.(2015) "Best Practices of Self-Help Groups and Women Empowerment A Case Study." *Journal of Research Extension and Development*, Vol.3,No-7 march-2015.pp. 73-75.
- Sreedhar.G, D.Raja Sekhar, R.Manjula, R.R.Biradar and N.L.Narasimha Reddy, (2014), "Is there a Case to Extend Social Pension Schemes to all Unorganised Workers? Evidence from Karnataka", *The Grassroots Governance Journal*. Vol.12, No. 2, July-December, 2014.
- Reddy V. Reddappa (2013) "Mainstreaming of Women Through SHG Movement: Visible Evidences from Andhra Pradesh", *Innovare Journal of Social Sciences*, Vol.1, No.1, Issue 1, April-June, 2013
- C. Sudhakar, Radha Rani, K., and P. Subbarama Raju (2013), Participation of Women oin Self-help Groups", *Man and Life*, Vol.39, Nos.3&4, July-December, pp.
- K. Govindappa, Jagadish, P. and G. Vasudevaiah (2013), "Poverty Reduction through Women SHGs: A Case Study of Anantapuram District of Andhra Pradesh", *International Journal for Research and Development*, Vol.1, No.3, Sep-Oct, pp.49-54.
- Muninarayanappa, M. (2013), "Empowerment of Women through Self-Help Groups in drought-prone Anantapur District of Andhra Pradesh: An Empirical Study", *Journal of Social Welfare and Management*, Vol. 5, No. 1, pp.39-48.
- Muninarayanappa, M. and K. Venkata Reddy (2012), "The Concept of Life Long Learning", *Orient Journal of Law and Social Sciences*, Vol.VI, Issue-5, pp124-130.
- M. Muninarayanappa and Venkata Reddy. K, (2012), "Continuing Education and Life Long Learning Trends", *Indian Streams Research Journal*, Vol.2, Issue IV, pp. 26-30.
- Muninarayanappa, M. and K. Venkata Reddy (2012), "Impact of Adult Education on Women Empowerment", *Golden Research Thoughts*, Vol.1, Issue XI, pp. 43-51.
- Muninarayanappa, M. and B. Venkatappa (2012), "Protection and Maintenance of Forest in Environmental Drought Prone District of Anantapur: Some Issues and Challenges", *Orient Journal of Law and Social Sciences*, Vol.VI, Issue-7, pp. 55-67.
- Govindappa, K and B. Chandrasekhar (2011), "Watershed Development in Andhra Pradesh", *Kurukshetra*, Vol.59, No.7, September, pp.52.
- Muninarayanappa, M. (2011), "Mainstreaming of Child Labour: A Case Study of A Village in Adoni Division in Kurnool District of Andhra Pradesh", *ANU Journal of Social Sciences*, Vol. III, No.1&2, pp. 140-154.

Reddy V. Reddappa (2010), "Status of Institutionalization of People's Participation in Forest Management in Andhra Pradesh: A Field level Assessment", *Sociologist*, Vol.II, No.11, pp.580-600.

Sudhakar, C., R. Suguna Kumari and P. Subbarama Raju (2010), "Micro Credit and Self-help Groups: A Case Study of Mutually Aided Cooperative Thrift Societies in Prakasam District of Andhra Pradesh", *Journal of Social and Economic Policy*, Vol.7, pp.59-67.

#### **International:**

Muninarayanappa, M. and S. Manjula Kumari (2012), "An Empirical Study on Child Labour in Unorganised Sector in Kurnool City", *International Journal of Physical and Social Sciences*, Vol.2, Issue 8, pp. 367-386.

#### **Chapters in Edited Books**

Muninarayanappa, M.(2015) "Field work Practices in Professional Social Work Education", *Field Work Practice in Social Work Education*, Manglam Publications. Delhi -110053, India, April 2015 ISBN 978-93-82983-51-4, pp-71-82.

Firoz Babu.P.(2015) "Social Work Education and Development :Priority Area for Quality of Human life and Development." *Field Work Practice in Social Work Education*, Manglam Publications. Delhi -110053, India, April 2015 pp-7-10

G. Sreedhar and Satyanarayana, K. (2014), "Self-Help Approach as a Model of Poverty Reduction: A Study on the Impact of SHGs on Income and Asset-Building in Guntur District of Andhra Pradesh" in C. Narasimha Rao (ed) *Poverty in Contemporary World: Malady, Remedy - Vol.1*, Serials Publications, New Delhi, pp.285-302.

Firoz Babu. P. (2014) "Value based education". "Higher education transformation in India-Changing contexts & Institutional Responses." *Indian Academy of Degree Colleges (IADC)*, Bangalore, July-2014, pp 238-242.

Firoz Babu P. (2014), "Human Resource Planning-Globalization and its impact on human Resource Development" in Ch.ram Prasad and G.Rajasekhar, "Glimpses of Management Challenges" SSB Publishers, Puttaparthi, ISBN:978-163041955-4, August-2014, pp-266-268.

Firoz Babu. P. (2014). "Higher Education policy of India: Role of Education in Indian economy", in Dr.N.Hemalatha, Dr. Shyam lata juyal and Dr. Kavita Singh, " Indian Economy Development Prospects & Perspectives, Bharathi Publications, New Delhi, ISBN:978-93-81212-77-6, Nov-2014, pp 207-209.

Reddy V. Reddappa (2013) "Impact of Globalization on the Profession of Social Work" in P.Subbarama Raju (ed) *Social Work and Social Development*, Common Wealth Publishers, New Delhi, pp.52-58

Reddy V. Reddappa (2013), "Changing Agrarian Practices and Issues in Life Long Learning", in G. Vidyasagar Reddy (ed) *Life Long Learning: Issues and Challenges*, Sri Book House, Hyderabad

Reddy V. Reddappa (2013), "Towards Water for All in Drought Prone Areas: Review of Experiments of Select NGOs", in A. Krishnakumari et al (ed) *Land and Water: Geographic Challenges and Geospatial Technologies*, Department of Geography, Sri Krishnadevaraya University, Anantapur, pp.236-249.

Sreedhar, G., G. Shankar Reddy, D. Dadabi and Y. Giriprasad (2013), Groundwater Collectivization for Sustainable Agriculture in Drought Prone Areas: A Case Study in Kummuravandlapalli Village of Anantapuram District" in A. Krishnakumari et al (ed) *Land and Water: Geographic Challenges and Geospatial Technologies*, Department of Geography, Sri Krishnadevaraya University, Anantapur, pp.52-66

- Sreedhar, G. and K. Satyanarayana (2013), "Social Inclusion in Self-Help Groups: A Study in Guntur District of Andhra Pradesh", in P.S. Rama Raju (ed) *Social Exclusion and Social Work: Strategies and Intervention*, Commonwealth Publishers, New Delhi, pp.9-17.
- Muninarayanappa, M. (2013), "Community Participation in Arresting Forest Degradation: An Enquiry into the Working of JFM in Anantapur District" in P. Venkata Rao (ed), *Social Work and Development Issues*, Manglam Publications, New Delhi, pp.153-165.
- Muninarayanappa, M. (2013), "Functioning of the Joint Forest Management Programme" in P.S. Rama Raju (ed) *Social Issues and Social Work: Strategies and Interventions*, Commonwealth Publishers, New Delhi, pp.30 -61.
- Firoz Babu, P. (2013), "The Role of ICDS Functionaries in Creating Awareness in Preventing Trafficking among Female Population at Grassroots Level: A Study Conducted at ICDS Project, Bapatla, Guntur District, AP", in P.S. Rama Raju (ed) *Social Work and Social Development: Issues and Challenges*, Commonwealth Publishers, New Delhi, pp.301-311.
- Sreedhar, G., M. Muninarayanappa and G. Sankar Reddy (2012), 'Access to Welfare Schemes of the government: A Micro Level Study in Anantapur District of Andhra Pradesh', in V. Reddeppa Reddy et.al (ed.), *Rural Glory*, Diksuchi Publications, Anantapur, pp. 42-50.
- Firoz Babu P and Surendra Kumar, S (2012), "An Enquiry into the Working of Emergency Health Transport Services before and after the Launch of 108 Services in Anantapur District" in V. Reddeppa Reddy et.al (ed.), *Rural Glory*, Diksuchi Publications, Anantapur, pp. 195-204.
- Sreedhar, G. (2011), "Rural Development in India: Prospects and Challenges", in Bimal K Mohanty (ed.) *Economic Development in India: Issues and Challenges*, New Century Publications, New Delhi, pp.23-37.
- Sreedhar, G. (2010), "The Drought Prone Anantapur District of Andhra Pradesh" in R.S. Deshpande and Saroj Arora (ed.) *Agrarian Crisis and Farmer Suicides (Land Reforms in India Volume 12)*, Sage publications, New Delhi, pp.219-241.

## Department of Sociology

1. Name of the Department : **SOCIOLOGY**
2. Year of establishment : **1985**
3. Is the Department part of a School/Faculty of the University? : **Yes, Faculty Of Social Sciences.**
4. Names of programmes offered (UG,PG, Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG : **1. M.A Sociology, 2. M. Phil., 3. Ph. D**
5. Interdisciplinary programmes and departments involved:

Sl. No.	Title of OE paper offered	No. of students opted		Department(s)
		2013-14	2014-15	
OE-1	Human Rights & Values	---	---	---
OE-2	Sociology of Environment	---	---	---

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programmes discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/**Semester**/Trimester/Choice Based Credit  
**Semester with Choice Based Credit System**
9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the Department	Title of Open Elective Paper	No. of students opted	
			2013-14	2014-15
1.	Rural Development	Rural Development: Policies & programmes in India Non-Governmental Organization & Participatory Approaches for Rural Development	23	07
2.	Economics	Economics of Social Sector. Economic Development of India and A.P	02	--
3.	History	National Movement Leaders of Modern India	06	04
4	Political Science	Centre-State Relations Recent Trends in India's Foreign Policy	01	01
5.	English	English for Communication General Literature	04	01
6	Social work	Social Legislation in India Community based approaches for social Development	--	22

**Sri Krishnadevaraya University, Ananthapuramu**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (Details as on 30-06-2015)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	1	-	3
Associate Professors	2	-	0
Asst. Professors	3	4*	1
Teaching Assistant	-	-	1

\* One Post filled against total posts sanctioned to the University

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. students guided for the last 5 Years</i>
Dr.Ch. Umamohan*	M.A.M. Phil, Ph.D	Professor	Social Mobility Sociology of Health	32 Years	M.Phils: 00 Ph.Ds : 04
Dr.B.S Chand Basha**	M. A(SO); M.A (RD); M.Phil, Ph.D	Professor	Industrial Relations	27 years	M.Phils: 00 Ph.Ds : 00
Dr.R.V.K. Naidu	M.A. M.Phil, Ph.D	Professor	Marginalized Groups, HIV/ AIDS	30 Years 8 Months	M.Phil :01 Ph.D :06
Dr.A.R.Das	M.A. M.Phil, Ph.D	Professor	Sociology of Education Social Problem Political Sociology	30 Years 8 Months	M.Phil: 02 Ph.D : 04
Dr. G.V Ramana	M.A. M.Phil, Ph.D	Professor (since 2012)	Tribal Studies Social Demography	23 years 2 Months	M.Phil : 00 Ph.D : 01
Dr. C.Rami Reddy	M.A. Ph. D	Asst Professor	Disadvantaged Groups	6 Years 10 months	M.Phils: 00 Ph.Ds : 04

\* Retired on 31-10-2010; \*\*Retired on 31-05-2012

- 12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

<i>Sl. No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. D. Venkateswarlu	S.V University, Tirupati
2.	Prof. U. Tataji	Andhra University, Vizag
3.	Prof. M. Hanumantha Rao	S.V University, Tirupati
4.	Prof. Y. Narayana Chetty	Bangalore University, Bangalore

13 Percentage of classes taken by temporary faculty – programme-wise information

<i>Year</i>	<i>Programme (PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	PG	1	10
2011-12	"	1	10
2012-13	"	1	10
2013-14	"	1	10
2014-15	"	1	10

14. Programme-wise Student Teacher Ratio

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	M.A. Sociology	12: 1
2011-12	M.A. Sociology	12: 1
2012-13	M.A. Sociology	12: 1
2013-14	M.A. Sociology	12: 1
2014-15	M.A. Sociology	12: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

<i>Sl. No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Junior Assistant	1	1	1
2.	Class IV Employee	1	1	1

16. Research thrust areas as recognized by major funding agencies

<i>Sl. No.</i>	<i>Research thrust area</i>	<i>Name(s) of the funding agency</i>
1.	Sociology of Marginalized Communities	UGC-
2.	Social Mobility.	UGC
3.	Sociology of Health,	UGC
4.	Social Problems Farmers' Suicides	UGC
5.	HIV/AIDS	UGC
6.	Political Sociology Women Empowerment	UGC
7.	Tribal Studies	UGC
8.	Sociology of Education	UGC
9.	Industrial Relations	UGC

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Title of the project</i>	<i>Name of the Funding agency</i>	<i>Period</i>	<i>Grants received (Rs. Lakhs)</i>
1.	Prof.R.V.K.Naidu	'Future Forsaken" Impact of HIV / AIDS on Children	UGC Major Research project	2009-2011	4,13,200



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2.	Prof. A.R.Das	Coping Spousal Suicide	UGC Major Research project	2011-13	6.16, 200
3.	Dr. C. Rami Reddy	Scheduled Tribes in Professional and Higher Education	UGC Minor research Project	2012-14	Rs. 1.50 Lakhs

18. **Inter-institutional collaborative projects and associated grants received**

a) **National collaboration**

b) **International collaboration**

**NIL**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.** : **NIL**

20. **Research facility / centre with** : **NIL**

- **state recognition**
- **national recognition**
- **international recognition**

21. **Special research laboratories sponsored by / created by industry or corporate bodies** : **NIL**

22. **Publications: (Details vide Annexure-I)**

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:	03	08	02	06	06
a)	National	02	07	02	04	04
b)	International	01	01	00	02	02
2	Monographs	01	--	--	01	--
3	Chapters in Books	--	02	---	02	02
4	Edited Books	--	--	--	--	--
5	Text/ Reference books		01		01	
6	Number listed in International Database	--	--	--	--	--
7	Citation Index - range / average	--	--	--	--	--
8	Impact Factor - range / average	--	--	--	--	--
9	h-index	--	--	--	--	--

23. **Details of patents and income generated** : **NIL**

24. **Areas of consultancy and income generated**

1. **Hon Consultancy For YMCA Street Children's programme**
2. **Hon Consultancy or Anantha Positive Network.**
3. **Hon Consultancy for A.P Police Intelligence Department on Farmers' Suicides.**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No.	Faculty Member	National Committees	Inter national Committees	Editorial Boards (give the name of the journal)	Period
1.	Prof. Ch. Uma Mohan	----	-----	Editorial Board of "Sociologist" Journal ISSN 0975-170S	Till date
2.	Prof. A. R. Das	-----	-----	Editorial Board of "Sociologist" Journal ISSN 0975-170S	Till date
3.	Prof. G.V.Ramana	----	-----	Editorial Board of Journal of Social welfare & Management ISSN 0975-0231	Till date
4.	Dr.C.Rami Reddy	---	----	Editorial Board of Journal of Social welfare & Management ISSN No ISSN 0975-0231	Till date

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No.	Name of the Faculty member	Name of the programme attended	Dates
1.	Dr. C. Rami Reddy	Research Methodology for Rural development workshop, NIRD. HYD	June 14-23, 2010
2.	Dr. C. Rami Reddy	Multimedia Material Development, SPMVV, Tirupathi	Mar 9-31. 2011
3.	Dr. C. Rami Reddy	Towards Competence in Social Research Methodology, SPMVV Tirupati	Nov 14-19,2011
4.	Prof. G.V. Ramana	Foundation Course in Human Values & Professional Ethics, IIIT, Hyderabad.	June 22-29 2013

Participation of faculty in seminars/conferences/workshops

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects.

All the students ( 100%) in the IV Semester carry out a Project and submit Report on a Topic and take a Viva-Voce exam on it.

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- Percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**
29. Awards / recognitions received at the national and international level by
- Faculty : **Two**
  - Doctoral / post doctoral fellows : **NIL**
  - Students : **NIL**

Sl. No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	Prof. Ch. Umamohan	State Award for Teachers	Govt of A.P	2009
2	Prof. Amarnath. R.Das	State Award for Teachers	Govt of A.P	2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	UG National Seminar	Prof. A.R. Das, &Prof. R.V.K.Naidu	UGC/ APSCHE/ ICSSR	28-29, OCT 2010	Prof. John Kattakayam President. ISS Prof.U Tataji, Vice-Chairman, APSCHE

31. Code of ethics for research followed by the departments:  
Formation of Departmental Research Committees to monitor the research activities of the faculty members and research scholars in respect of the following.
- Avoiding duplicity in the selection of research problem
  - Ensuring the acknowledgement of the sources including websites in the references
  - Obtaining permission from authors to use the information
  - Avoiding plagiarism
  - Use of data collected from the respondents strictly for research purpose only

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
PG programme					
2010-11	208	20	05	100	100
2011-12	180	25	05	100	100
2012-13	220	30	05	100	100
2013-14	142	30	05	100	100
2014-15	218	30	05	100	100
M. Phil.	25	04	02	100	100
Ph.D.	180	08	12	100	100

**33. Diversity of students**

<i>Name of the Programme (refer to question no. 4)</i>	<i>% of Students from the Same University</i>	<i>% of students from other universities within the State</i>	<i>% of students From universities outside the State</i>	<i>% of Students From Other Countries</i>
PG programme	%	%		
2010-11	98	2	-----	-----
2011-12	95	5	-----	-----
2012-13	97	3	-----	-----
2013-14	96	4	-----	-----
2014-15	98	2	-----	-----
M.Phil.	98%	1%	1%	-----
Ph.D.	80%	19%	1%	-----

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<i>Sl. No.</i>	<i>Year</i>	<i>No. of Students</i>					
		<i>NET</i>	<i>SET</i>	<i>GATE</i>	<i>Civil services</i>	<i>State services</i>	<i>Other exam (specify)</i>
1.	2010-11	03	02	---	--	4	---
2.	2011-12	--	---	----	---	--	---
3.	2012-13	--	----	----	---	---	---
4.	2013-14	--	01	----	-----	----	02 CDPOs
5.	2014-15	--	==	--	--	----	---

**35. Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	-----
PG to M.Phil.	5%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	4%
Employed - Campus selection	---
Employed - Other than campus recruitment	50%
Entrepreneurs	--

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	66.6%
From other universities within the State	16.7%
From universities in other states	16.7%
From universities outside the country	---

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Yes**
- b) Internet facilities for staff and students : **Yes**
- c) Total number of class rooms : **2**
- d) Class rooms with ICT facility : **2**
- e) Students' laboratories : **ICT Lab**
- f) Research laboratories : **—**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/University Doctoral: **15** PDF: **03**
- b) from other institutions/universities Doctoral: **07** PDF: **01**  
(Details in Annexure-II)

40. Number of post graduate students getting financial assistance from the University:

Sl. No.	Year	No. of students obtaining				
		Merit scholarship	SC/ST scholarship	OBC scholarship	Minority scholarship	Fees reimbursement
1.	2010-11	---	06	16	--	22
2.	2011-12	----	06	17	--	23
3.	2012-13	----	06	16	--	22
4.	2013-14	----	06	15	--	21
5.	2014-15	-----	06	16	--	22

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : **Not Applicable**

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
  - o Teacher- Student Feed Back Teaching & Student performance on New Papers Introduced. Modifications additions and deletions are made every year in the Internal and External BOS meetings.
  - o Suggested modifications introduced after discussions and consultations.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The Feedback of Evaluations carried out by IQAC are obtained and shared with the concerned staff with counselling by the senior teachers so as to make them to adopt the points of feedback raised by the students and rectify methods of teaching and evaluation.

c. Alumni and Employers on the programmes offered and how does the department utilize the feedback?

The Department has on its BOS a representative from distinguished Alumni so as to take their opinion, suggestions, expertise in Outreach Extension and also to modify Syallbi in tune with market demands and latest emerging social trends.

43. List the distinguished alumni of the department (maximum 10)

- |                           |  |
|---------------------------|--|
| 1. Prof. B.S. Chand Basha | Professor Retd   |
| 2. Prof. R.V.K.Naiadu     | Professor ( In Service)                                  |
| 3. Prof. G.V. Ramana      | Professor ( In Service)                                  |
| 4. Dr. N.Sreedhar         | Reader Ist Grade Degree College,<br>Pavagada, Kkarnataka |
| 5. Dr. A.N.Gayathri       | Asst Professor, Mangalore University.                    |
| 6. Dr.A.Kalavathy         | Registrar of Cooperative Societies,<br>Hyderabad         |
| 7. Dr.K.Jayashree         | Lecturer, Loyola College of Education,<br>Hyderabad.     |
| 8. Sri. Sreekanth Naik    | Dist labour Officer, Anantapur                           |
| 9. Dr.D.Subramanyam       | Dist Child Protection Officer                            |
| 10. Sri. Suredra babu     | Dist Treasury Officer, Chittoor                          |

44. Give details of student enrichment programmes (Special Lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2010-11	Prof. J.V Raghavendra Rao Rtd Prof of Sociology, Osmania University delivered a lecture on	'Social Exclusion anf Farmers Suicides in India' on 28-10-2010.
2.	2011-12	Prof. Rekha Pandey of HCU gave a lecture on Empowerment of Women- Emerging Dimensions, on 27-1109-2012	Prof. Rekha Pandey of HCU gave a lecture on Empowerment of Women- Emerging Dimensions, on 27-1109-2012
3.	2012-13	.Sri. Sirrappa, Director, HIV/ AIDs Programme, RDT, Anantapur.	Care & Support of HIV/ AIDS' Sept 29 2013
4.	2013-14	Dr. D. Subramanyam, Dist Child Protection Officer ICPS, Anantapur	'Rights of the Child & Job prospects for Sociologists in ICPS' On 20-10-2014
5.	2014-15	Sri. Suryanarayana, Programme Asst Director. DRDA, gave a lecture on	'Training and Job Opportunities for Rural Youth' March 17, 2015.

45. List the teaching methods adopted by the faculty for different programmes.

1. Lectures    2. Seminars.    3 Tutorials    4. Quizzing

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Monthly review in Staff Council meetings about coverage of the Syllabi and Feed back is taken from students on each paper and the teacher's performance.

47. **Highlight the participation of students and faculty in extension activities.**  
Faculty regularly deliver lecture at Open air Prison to the inmates & Jailors.  
Conduct awareness programmes to NSS Programme Officers & Sensitization programmes to NSS Volunteers in Special Camps.  
Collaborate with Adult Education Department in its extension activities.  
Regularly contribute and make students to donate blood to RDT Hospital and Govt hospital whenever call comes.
48. **Give details of “beyond syllabus scholarly activities” of the department.**  
1. The Department has started a ‘Spandana’ a Board for students to react to social Issues and happenings around and also to encourage creative writing among the students.  
2. The Department organizes meetings and Rallies on the eve of World AIDS Day on DEC 1 with Anantha Positive network every year.
49. **State whether the programme/ Department is accredited/ graded by other agencies? If yes, give details. : No**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
The Staff have authored Text Books for AP Open School, Text Books for Intermediate level published by Telugu Academy. The staff have authored Course Study Material for B.A. Sociology & M.A Sociology, Rural Development (Distant Mode) of SKU, Sociology course of S.V.U. APOU & ANU (Details provided in Annexure- with titles and authors)
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

1. Experienced Faculty fine tuned to Teaching, Research & Extension & Out-reach and Consultancy.
2. The Curriculum is in tune with UGC Model curriculum fine tuned to imparting skills of knowledge and research for their ready employability.
3. The staff could place our students as HIV Counsellors. IKP, Velugu schemes, ICPS project Assts. etc on a large scale.
4. The staff had been at the forefront in the subject in South India in terms of research, Seminar participation.
5. The Faculty has significantly contributed to the Corporate life Through occupying key administrative positions.

**Weaknesses:**

1. Currently there are only 4 staff members and one Teaching Asst. It is just enough for completing ‘syllabi and conducting Mids & Exams for 20 papers. We are constrained in Extension & outreach activities
2. In spite of staff /crunch we are able to carry out Extention and Outreach in a modest way.
3. Most of the Students are from Poor and rural background and cannot afford to travel frequently for project work and utreach activities.



**Opportunities :**

1. The students have ample opportunities in Gos, NGO and CBOs and various other Research Organisations, Asian Bank, World Bank projects as Social Scientists to carry out Impact Assessment Studies.
2. The staff too have ample opportunities to have exchange Programmes. There are encouraging prospects for the staff to take up consultancies to NGOs and GOs.

**Challenges**

1. The greatest challenge is the staff crunch by 2017 we will be reduced to 3 and it would be very difficult to carry out teaching and research.
2. Almost all the Students hail from Poor Socio-Economic Background with poor skills in English language. skill

**52. Future plans of the Department.**

1. MOU with ICPS Dept Govt of A.P for placement, Project work, Collaborative Surveys.
2. MOU with Anantha Positive Network for Employment, Project work Collaborative Surveys and Sensitization Programmes.
3. MOU with RDT( NGO) for Collaborative Research, Extention in Health care programmes & HIV care.
4. To start a Diploma Course In Counselling to cater to PLHA/CLHA and Marital Counselling.

**Annexure- I : Details of Publications By Faculty**

**Atricles in Journals**

1. Kalpana & R.V.K Naidu, Status Transition among SC Employed Women, Anantapur, A study in Anantapur District of Andhra Pradesh. Published in Journal of Social Welfare and Management, Oct-Dec 2010, Vol.2. Number 4, Pg. No. 147, Editor: A. Lal, Red Flower Publication Pvt Ltd, New Delhi, ISSN 0975- 0231.
2. Rami Reddy & R.V.K.Naidu" Social Inclusion of the Scheduled Caste Women, Journal of Social Welfare and Management, Vol2 No1 Jan-Mar 2010. ISSN 0975- 0231.
3. G.Sivaiah Rami Reddy K.V Amarnath'Regional /disparities among Three Regions of A.P.' Journal of Social Welfare and Management, Vol2, No 3 July-Sep 2010, ISSN 0975-0231.
4. Kalpana & R.V.K Naidu, "The Social Status of Scheduled Caste Women in Anantapur" published in Social Science International- interdisciplinary readings. MD Publications Pvt Ltd, New Delhi. Vol. 27 No.1 Jan-June, 2011. Pg no-95-105. Editor- Dr. Pravash Kumar Mishra, Utkal University, Bhubaneswar, ISSN: 0970-1087, e-ISSN: 0976-3910.
5. Dr. Suryaprakash & G.V Ramana, 'Fighting for Safe future of Depressed classes' Religion of Ambedkar Journal, pp24-40, 2011, 54 AA
6. M. Sreedhar & R.V.K Naidu, Jurisdiction, Process and Process of Divorce: A Study in Anantapur, Man and Life, VolNo.37N.1-2ISRAA, BIDISApp1-78, 2011.
7. A.N. Gayatri & A.R.Das, Globalization and the Distrees Suicides of Farmers' Suicides in Karnataka ), Journal of Social Welfare and Management, 2012
8. A.N. Gayatri & A.R.Das, Coping with Spousal Suicide (A Sociological study of Widows of Farmers' Suicides in Karnataka4(4), Sociologist, VolII No I & II ISSN0975-170s.
9. K.V. Amarnath and Amarnath R Das, Inclusive Development of the Backward Classes through Higher Education (A Study on Enrolled Backward Classes students in Engineering and Medical Courses in Anantapur of A.P), Journal of Social Welfare and Management, Oct-Dec Vol IV No.4 pp181-1892012, ISSN 0975- 0231.
10. G. Venkata Ramana, Child Labour- Perils and Preventive Strategies, Ed Pulla Rao Empowering Marginalized categories in India ,Madhav Books Gurgaon, Hariyana, Vol No 297-308, 2012
11. G.V Ramana & M.Sambasiva Rao' Slums of Anantapur Municipal Corportion:a Study in Pulla Rao ED sustainable Development & Strategies of Political Economies. 2012 pp183-190
12. R.Neelaiah & C.Rami ReddySHG: Micro Finance as a tool to Combat Poverty :An Empirical Study' Journal of Social Welfare and Management, Vol5, No 2 April-June 2013, ISSN 0975- 0231.
13. C.Rami Reddy' Higher Education and the Empowerment of Scheduled Castes' ANU Journal of Social Sciences, Vol V No.2 Dec 2013, ISSN 09762744,
14. G.Vidyasagar Reddy . G.Vasudevaiah, C,Rami Reddy'Education and Globalization: Challenges and Opportunities, International Journal of Contemporary Issues., Vol 1 Issue 4 Jan-mar 2014, ISSN23218576.
15. Y.Varaprasada Reddy,C,Rami Reddy & B.Yella Reddy, A Study of Achievement Motivaion of IX Class Students, Journal of Social Welfare and Management, Vol.6, No 2 April-June 2014, ISSN 0975- 0231.
16. K..Ravi Kumar & Prof. R..Vijayakrishna Naidu' A Study on Life 'satisfaction of Institutionalized and Non-Institutionalized Elderly males and Females of Vijayawada,

- Ageing & Society, The Indian Journal of Gerontology, Jan-Mar 2014 Apr-June 2014 Vol No xxiv No I & II, ISSN -0971-8060, pp 83-99.
17. SanjeevaRayudu & G.V Ramana' Coastal Tourism & Environmental Mangement' International Journal for Research & Development Nov-Dec-2014pp 60-62
  18. S.D Shpaeti & G.V Ramana' Unemployment Problems in Bellary-A Study of Mining workers, Indo Global Reseachers, May-Oct 2014pp 38-43
  19. B.N Amruthavalli & G.V Ramana' Severity of Menopausal Symptoms A Study among Rural Women of / Anantapur dist Journal of Research, Extention and Development. OCT 2014 pp 66-68
  20. S.D Shpaeti & G.V Ramana' Problem of Water due to Mining in Bellary Dist. Research Link, Dec 2014, pp9-10
  21. C..Rami Reddy, Y.Varaprasada Reddy & R.V.K.Naidu' A. Study of changing Values among Women Students in Present Society, Journal of Social Welfare and Management, Vol.7, No 2 April-June 2015, ISSN 0975- 0231.
  22. Manjula Evi & prof.A.R.Das 'Prevention of Osteoporosis among Menopause Women' PP 15-16 Journal of Research Extension & Development, Vol13 No5 Jannnn 2015, ISSN23119-1899.
  23. T.Anuradha & Prof. A.R.Das' Knowledge about Osttetric danger ;signs of Pregnancy among Pregnant Women' Journal of Research Extension & Development, Vol13 No5 Jannnn 2015, ISSN23119-1899.pp7-8
  24. P. Nirupa & Prof. A.R. Das Suicide Prevention Strategies among Mentally Ill People- Role of Complimentary Therapy, Journal of Social Welfare and Management, Vol.7, No 2 April-June 2015, ISSN 0975- 0231. Pp 12-13.
  25. K..Ravi Kumar & Prof. R..Vijayakrishna Naidu' Assessment of Quality of life among the Elderly people living in Institutional and Non 'Institutional set up in Urban Vijayawada, Journal Research Extension and Development, Vol 3, No 6, Feb 2015.

#### **ARTICLES IN EDITED BOOKS**

1. **G.V.Ramana & Sanjeevarayudu**" Droughts and Migration in Anantapur dist in P.Venkat rao ED 'Social Development Emerging Dimensions in 21 St Century' , Gowthami Chandra Publications, Ongole 2015, pp1-7
2. **B.N Amruthavalli & G.V Ramana**' Knowledge of ost Menopausal /women on prevention of Cervical Cancer in P.Venkat Rao Ed ' Women & Development, Gowthami Chandra Publications, Ongole2015 pp 18-23.
3. **Ramangangi Reddy & Rami Redddy**' Rural Glory'in V.Reddeppa Reddy et.al (Ed)' Performance of Indiramma Housing Scheme,Diksuchi Publications, Anantapur, ISBN978-81- 9103962-7.
4. **G.Sivaiah, C.Rami Reddy & M Thygaraju**' in D.Pulla rao (Ed) Inclusive Growth & Anantapur Dist, Abhijeet Publictions, New delhi 2012, ISBN 978-93-5074-029-3 M Jayaseelan ( Ed) ' Women in Society' APH Publication, Delhi 2014., ISBN978-93-313-22342-2.
5. **C. Rami Reddy**' Globalization and Higher /education of Dalit youth in G.Kamalakar (Ed) 'Recent trends in Education. Ishka Publishing House New Delhi, 2014, ISBN 978-93-82629- 67-2.
6. **C.Rami Reddy & S.J Sampath Kumar** 'Inclusion of the Excluded in Professional Education' in P.Adinarayana Reddy et.al (Ed)' Youth Empowerment Strategies', Sarup Book Publishers New Delhi, 2014, ISBN978-81-7625-950-7

**Books Published:**

1. M. Kalpana Krishnaiah "SCHEDULED CASTE WOMEN" Arise Publishers, New Delhi- 110002, ISBN : 978- 933-81031-27- 8, 2013,.
2. C.Rami Reddy 'Scheduled Castes in Professional Education, Discovery Publishing House, NewDelhi. ISBN 978-81-8356-626
3. H.M Aparna &R. Vijaykrishna Naidu 'HIV/ AIDS and Children', SBW Publishers, Delhi ISBN:978-81-85708-53-9,2015

**Annexure- II**

**List of Doctoral, Post-Doctoral students**

**a) From the host University**

**PDF: 03** 1. A. Naganna  
2. A. Mahavasekhar  
3. M. Sreedhar

**Other University**

**PDF: 01** 1. P.Rajaiah

**From the host University**

**Doctoral:**

1. M.Gopal
2. K.Radhika
3. M.Annapurnamma
4. G.Sree Gowrilatha
5. C.Arunamma
6. S.Varalakshmi
7. M.Jyothamma
8. M.Sumithra
9. M.Madanna
10. M.Kumaraswamy
11. B.RamaNaidu
12. Muthyalu Reddy
13. A.Raju
14. P. Gopal Naik
15. K.Ravikumar

**Other University**

**Doctoral:**

1. P. Manjula Devi
2. T.Anuradha
3. P.Nirupama
4. B.Ananthamma
5. B.N. Amruthavalli
6. G.Vijayakumari
7. D.Dhanalakshmi

**S.K.U. College of Education**

1. **Name of the Department** : Education (2003)  
: S.K.U. College of Education (2007)
2. **Year of establishment** : M.Ed.2003 ; B.Ed. 2007
3. **Is the Department part of a School/Faculty of the University?** YES
4. **Names of programmes offered** (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) M.Ed., B.Ed.,
5. **Interdisciplinary programmes and departments involved** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
The Students were sent to different High Schools for Internship programme  
Not applicable
7. **Details of programmes discontinued, if any, with reasons** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
B.Ed. & M.Ed. semester-wise
9. **Participation of the department in the courses offered by other departments** Nil
10. **Number of teaching posts sanctioned, filled and actual** (Professors/Associate Professors/ Asst. Professors/others)
11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>No. of Ph.D./ M.Phil. Students guided for the last 5 Years</i>
Dr. G. Ranga Swamy #	M.A.,M.Ed., Ph.D. in Education	Assistant Professor	Telugu , Sociology	4	Nil
Dr. V. Govinda Reddy	M.A., M.Sc.M.Ed Ph.D. in Education	Lecturer (Adhoc)	English, Psychology	13	03 (M.Phils)
Dr. R. Ramudu	M.A.,M.Ed., Ph.D. in Economics	Lecturer (Adhoc)	Social Studies	7	Nil
Sri B. Rupla Naik	M.A.,M.Ed.,M. Phil.,	Lecturer (Adhoc)	Social Studies	7	Nil
Smt. V. Anitha	M.A.,M.Ed,M. Phil.	Lecturer (Adhoc)	Telugu	7	Nil
Dr. K.P.Venkata Subbaiah	M.Sc.M.EdM.P hil., Ph.D. in Botany	Lecturer (Adhoc)	Biology and Psychology	6	Nil

# Expired on 21-09-2013.

12 **List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>S.No.</i>	<i>Name</i>	<i>Institution and Place</i>
1.	Prof. P. Adinarayana Reddy	S.V.University, Tirupati
2.	Prof. Gara Latchanna	Andhra University, Visakhapatnam
3.	Dr. G. Viswanathappa	Regional Institute of Education, Mysore
4.	Dr. M. T. V. Nagaraju	Dr. B.R. Ambedkar Open University, Hyderabad

13 **percentage of classes taken by temporary faculty – programme-wise information**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>No. of temporary faculty engaged</i>	<i>Percentage of classes taken</i>
2010-11	B.Ed. and M.Ed.	04	100%
2011-12	B.Ed. and M.Ed.	04	100%
2012-13	B.Ed. and M.Ed.	04	100%
2013-14	B.Ed. and M.Ed.	04	80%
2014-15	B.Ed. and M.Ed.	04	80%

14 **programme-wise Student Teacher Ratio**

<i>Year</i>	<i>Programme (UG/ PG)</i>	<i>Student-Teacher Ratio</i>
2010-11	B.Ed. (UG), M.Ed. (P.G.)	25:1, 12:1
2011-12	B.Ed. (UG), M.Ed. (P.G.)	25:1, 12:1
2012-13	B.Ed. (UG), M.Ed. (P.G.)	25:1, 12:1
2013-14	B.Ed. (UG), M.Ed. (P.G.)	25:1, 17:1
2014-15	B.Ed. (UG), M.Ed. (P.G.)	25:1, 17:1

15 **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<i>S.No.</i>	<i>Designation</i>	<i>No. of posts sanctioned</i>	<i>No. of posts filled</i>	<i>No. of posts existing (actual)</i>
1.	Assistant Registrar	NIL	One	One
2.	Superintendent	NIL	One	One
3.	Senior Assistant	NIL	one	One
3.	Librarian (Adhoc)	NIL	one	One
4.	Attender	NIL	one	one
5.	Technical Assistant	NIL	nil	nil

16 **Research thrust areas as recognized by major funding agencies : Not Applicable**

17 **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**  
Nil

18. Inter-institutional collaborative projects and associated grants received Nil  
a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil
20. Research facility / centre with Nil  
  - state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies Nil

22. **Publications:** (Details vide Annexure-1)

S.No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1	Number of papers published in peer reviewed journals:					
a)	National	02			0	03
b)	International	01	03	04	04	04
2	Monographs					
3	Chapters in Books					
4	Edited Books	01	02			01
5	Text/ Reference books	-				
6	Number listed in International Database	-				
7	Citation Index - range / average					
8	Impact Factor - range / average	2.5	0.938	2.0	1.85	2.65
9	h-index					

23. Details of patents and income generated Nil
24. Areas of consultancy and income generated Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad Nil
26. Faculty serving in Nil  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

S.No.	Name of the Faculty member	Name of the programme attended	Dates
1.	Dr. V. Govinda Reddy	Refresher Course	26-06-2014 to 16-07-2014
		Two day Orientation workshop on	13-14



		Teacher Education Regulations 2014	February 2015
		two day Orientation programme on revised B.Ed. curriculum	6-1-2014 & 7-1-2014
		Training Programme	12-09-2011 to 14-09-2011.
		Workshop on Research Methodology	21-07-2011 to 22-07-2011
		<b>Executive Development Programme</b>	7-3-2011 to 12-3-2011
		UGC sponsored National workshop	23-09-2010 to 24-09-2010.
2.	Dr. R.Ramudu	two day Orientation programme on revised B.Ed. curriculum	13-11-2013 to 14-11-2013
		two day Orientation programme on revised B.Ed. curriculum	06-01-2014 to 07-01-2014
3.	<b>Mr. B.Rupla Naik</b>	Training Course for capacity Building.	14-05-2015 to 23-05-2015
		Two day orientation programme on B.Ed., model curriculum	6 <sup>th</sup> -7 <sup>th</sup> January, 2014.
4.	Smt. V. Anitha	Professional Development Programme on "Statistical Packages for Research	16 <sup>th</sup> to 20 <sup>th</sup> March, 2015
4.	<b>Dr. K.P.Venkata Subbaiah</b>	Professional Development Programme on "Statistical Packages for Research	16 <sup>th</sup> to 20 <sup>th</sup> March, 2015
		Two day orientation programme on B.Ed., model curriculum	6 <sup>th</sup> -7 <sup>th</sup> January, 2014.
		Two Day Orientation Workshop on Teacher Education Regulations 2014	13 <sup>th</sup> -4 <sup>th</sup> February, 2015.

28. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects:
  - percentage of students doing projects in collaboration with other universities / industry / institute: 100% (For M.Ed. students project work is a part of their curriculum)
29. **Awards / recognitions received at the national and international level by**
- Faculty :
  - Doctoral / post doctoral fellows :01
  - Students : 06 Prithibha awards given by Government of Andhra Pradesh 2013-2014 batch M.Ed. students

S.No.	Name of the awardee	Name of the award/ recognition	Agency	Date
1.	Dr.K.P. Venkata Subbaiah	Ph.D.	S.V.University, Tirupati	06-01-2014

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Two day Orientation programme on New B.Ed. Curriculum	Prof. B.Phaniswara Raju	Self	6-1-2014 and 7-1-2014	-

31. Code of ethics for research followed by the departments -Not applicable-

32. Student profile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
(refer to question no. 4) UG/PG programme					
2010-11	B.Ed#.	57	43	97	99
	1600**	35	15	100	100
2011-12	1271**	64	40	98	99
		23	12	100	100
2012-13	623*	53	34	96	98
		21	14	100	100
2013-14	517*	58	38	97	99
		24	11	100	100
2014-15	B.Ed.	52	44	Waiting for results	
	282*	18	17	100	100
M. Phil.	Not commissioned	NIL	NIL	NIL	NIL
Ph.D.	Not commissioned	NIL	NIL	NIL	NIL

# The B.Ed. admissions are made by A.P. State Council of Higher Education (AP Ed CET)

\* M.Ed. admissions are made through SKUCET

\*\*The applications received for SV University region

33. Diversity of students

Name of the Programme (refer to question no. 4) UG/ PG programme	% of students from the same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010-11	90	10	NIL	NIL
2011-12	88	12	NIL	NIL
2012-13	87	13	NIL	NIL
2013-14	85	15	NIL	NIL
2014-15	98	2%	NIL	NIL
M.Phil.			NIL	NIL
Ph.D.			NIL	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

S.No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
	2010-11	-	-	-	-	-	
	2011-12	-	-	-	-	-	
	2012-13	-	05	-	-	-	
	2013-14	-	04	-	-	--	
	2014-15	-	03	-	-	-	

35. **Student progression**

Student progression	Percentage against enrolled
UG to PG	35
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
Campus selection	Nil
Ph.D. to Post-Doctoral	Nil
Other than campus recruitment	Data not available
Entrepreneurs	

36. **Diversity of staff**

Percentage of faculty who are graduates	
Of the same University	80%
From other universities within the State	20%
From universities in other states	NIL
From universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

S.No.	Name of the Faculty member	Degree obtained	Year
1.	Sri B. Rupla Naik	M.Phil.,	2012
2.	Smt. V. Anitha	M.Phil.	2012
3.	Dr. K.P.Venkata Subbaiah	M.Phil.in Botany Ph.D. in Botany	2010 2014

38. Present details of departmental infrastructural facilities with regard to

- a) Library : department library facility besides main library
- b) Internet facilities for staff and students Nil
- c) Total number of class rooms four only
- d) Class rooms with ICT facility Yes
- e) Students' laboratories Nil
- f) Research laboratories Nil

39. List of doctoral, post-doctoral students and Research Associates Nil

- a) from the host institution/ University
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the University:

.No.	Year	No. of students obtaining							
		Merit scholarship	SC scholarship	ST scholarship	OBC scholarship	EBC	Minority scholarship	Disabled Welfare	Fees reimbursement %
1	2010-11	B.Ed	22	09	47	06	06	04	94
		M.Ed.	14	02	25	03	01	-	45
2	2011-12	B.Ed	22	09	47	05	10	-	93
		M.Ed.	14	02	25	03	01	-	45
3	2012-13	B.Ed	18	10	45	07	08	02	90
		M.Ed.	08	02	20	01	02	-	33
4	2013-14	B.Ed	24	08	45	05	05	-	87
		M.Ed.	13	04	16	01	01	-	35
5	2014-15	B.Ed	20	07	57	05	05	03	97
		M.Ed.	07	03	18	05	01	01	35

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Not applicable

42. Does the department obtain feedback from - yes-

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
Based on the feedback of the students and teachers the syllabi is modified

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
Students are required to give feedback on staff, curriculum through IQAC
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? No
43. List the distinguished alumni of the department (maximum 10) Nil
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Nil
45. List the teaching methods adopted by the faculty for different programmes. 1. Lecture demonstration methods  
2. Learning by doing methods  
3. Project and Laboratory method  
4. Inductive and Deductive method  
5. Storytelling, Survey Method, Learning by doing.  
6. Action Research
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
Through written test and Viva-voce
47. Highlight the participation of students and faculty in extension activities.  
Students participate in Education Day, Youth Festival,
48. Give details of “beyond syllabus scholarly activities” of the department.  
Participated in Seminars
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Nil
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. Out of the five staff members presently working in the department, three staff members have doctoral degree in Education and the other two are pursuing Doctoral degrees.
2. Two staff members have cleared UGCNET. All the staff members have participated in the Orientation and/refresher courses conducted by the Academic Staff Colleges of various Universities.
3. The staff members have published papers in the reputed national and international Indexed Journals.

4. Five M.Ed students of the department have been selected for Prathibha awards during the academic year 2013-15. Further, three M.Ed students and two B.Ed students have cleared AP SET during the academic year 2013-14.
5. The staff members have been actively involved in inspiring the students to participate in community and field trips for gaining firsthand experience. Students are also participating actively in “Swatcha Bharat” programme on weekly basis.

**Opportunities**

1. The B.Ed students have job opportunities as teachers both in public and Private sector like Kendriya Vidyalayas, Model Schools, Govt Schools and Z.P.H Schools etc.
2. The M.Ed students have opportunities in colleges of Education, and DIET Colleges in Public and Private sector in addition to the job opportunities stated in item no.1.
3. The B.Ed and M.Ed students have job opportunities in social welfare departments as Wardens and Assistant social Welfare officers etc.
4. The B.Ed and M.Ed students have many opportunities as Counselors’ in Aids Control Society and in Medical and Health departments.
5. The students have job opportunities in Madhyamika Siksha Abhiyan under the restructured course system.

**Weakness.**

1. The accommodation in the college of education is inadequate as the duration of B.Ed and M.Ed courses has been enhanced from one year to two years.
2. All the existing staff is working on adhoc basis.
3. Owing to inadequate staff facilities, there is a kind of inertia among the students in their learning process.
4. There is no permanent Principal for College of Education to look after both the academic and administrative activities on a continuous basis.
5. The existing staff has been working consolidated pay since 2009 which is very meager. Further, they are overburdened workload under the restructured curriculum.

**Challenges:**

The real challenge for the students of B.Ed and M.Ed courses of University college of Education, SKU is to face stiff competition from their counterparts pursuing these courses in different colleges in the State which could provide good infrastructure in terms of staff, laboratories etc.

**52. Future plans of the department.**

The College is planning to introduce three years integrated B.Ed. and M.Ed. Programme with a duration of three years from the Academic year 2017-2018.

The College is planning to tie up with skill development programme being organised by the various central institutions like Regional Institute of Education, Mysore, English and Foreign Languages University, Hyderabad.

Article Published in Edited books

1. **Govinda Reddy V.** Policies concerning Education of Children with disabilities”, “Inclusive Education Quality Aspect.Commonwealth Publishers, New Delhi.2014.52-57. ISBN: 978-81-311-0530-6.
2. Lakshminarayana.P.& **Govinda ReddyV.** Quality Concerns in Distance Teacher Education”, “E-learning for Innovative Learning” Edited by M.T.V.Nagaraju. Department of Education, Dr B.R Ambedkar Open University, Hyderabad. 2012; 131-139. ISBN: 978-81-311-0426-2.
3. **Govinda Reddy V.,** Venkata Reddy K., & Vasudevaiah G. Mainstreaming of Women and Role of Training: A success story of NGO, Women and Work Participation Status and Training Opportunities. Sonali Publications, New Delhi. 2011.302-312. ISBN:978-81-8411-300-6.

Article Published in Journals

1. **Govinda Reddy V.,** Venkata Subbaiah KP. **Attitude of in-service teachers towards implementation of Sex Education in Secondary Schools, *Journal of International Academic Research for Multidisciplinary*,2014;2(11);124-136. ISSN 2320-5083, Impact Factor 1.625.**
2. **Govinda Reddy V.,** Venkata Subbaiah KP. A study of influence of anxiety on Academic Performance of Class X Students, *Review of Research Journal*, 2014; 4(1); 9817-9830. ISSN 2249-894X, Impact Factor, **2.1**.
3. **Govinda Reddy V.,** Venkata Subbaiah KP. A Study on Coping with Stress in Adolescents EUROPEAN ACADEMIC RESEARCH , 2014; 7(2); 9817-9830. ISSN 2286-4822 Impact Factor: 3.1.
4. **Govinda Reddy V.,** Venkata Subbaiah KP. The effect of concept mapping as a Teaching strategy in attainment of biological science concepts among Secondary school students. Indian Streams Research Journal, 2014; 4(8); 1-8. ISSN 2230-7850. Impact Factor, **2.15**.
5. **Govinda Reddy V.,** Venkata Subbaiah KP. Adolescence problems of Intermediate Students and their guidance needs. Golden Research Thoughts, 2014; 4(2); 1-7. ISSN 2231-5063. Impact Factor, **2.2052**. DOI.10.9780/22315063.
6. **Govinda Reddy V.** Adjustment problems of Junior College students, *Journal of Education and Physical Education (ANUJE)*,2011; 3(1&2);13-22. ISSN No.0976-2736.

**Dr. R. Ramudu**

- 1) “Teaching Pedagogy current issues” Title: Different types of methods strategies and techniques in teaching. Page no.170-192. Year: 2011.



**Annexure-I: Details of Publications by the Faculty**

**Dr. Govinda Reddy, V**

**Articles Published in Edited books**

1. Govinda Reddy V. Policies concerning Education of Children with disabilities", "Inclusive Education Quality Aspect.Commonwealth Publishers, New Delhi.2014.52-57. ISBN: 978-81-311-0530-6.
2. Lakshminarayana.P.& Govinda ReddyV. Quality Concerns in Distance Teacher Education", "E-learning for Innovative Learning" Edited by M.T.V.Nagaraju. Department of Education, Dr B.R Ambedkar Open University, Hyderabad. 2012; 131-139. ISBN: 978-81-311-0426-2.
3. Govinda Reddy V., Venkata Reddy K., & Vasudevaiah G. Mainstreaming of Women and Role of Training: A success story of NGO, Women and Work Participation Status and Training Opportunities. Sonali Publications, New Delhi. 2011.302-312. ISBN:978-81-8411-300-6.

**Articles Published in Journals**

1. Govinda Reddy V., Venkata Subbaiah KP. Attitude of in-service teachers towards implementation of Sex Education in Secondary Schools, *Journal of International Academic Research for Multidisciplinary*,2014;2(11);124-136. ISSN 2320-5083, Impact Factor 1.625.
2. Govinda Reddy V., Venkata Subbaiah KP. A study of influence of anxiety on Academic Performance of Class X Students, *Review of Research Journal*, 2014; 4(1); 9817-9830. ISSN 2249-894X, Impact Factor, 2.1.
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5. Govinda Reddy V., Venkata Subbaiah KP. Adolescence problems of Intermediate Students and their guidance needs. *Golden Research Thoughts*, 2014; 4(2); 1-7. ISSN 2231-5063. Impact Factor, 2.2052. DOI.10.9780/22315063.
6. Govinda Reddy V. Adjustment problems of Junior College students, *Journal of Education and Physical Education (ANUJE)*,2011; 3(1&2);13-22. ISSN No.0976-2736.

**Dr. R. Ramudu**

- 1) "Teaching Pedagogy current issues", Different types of methods strategies and techniques in teaching. Page no.170-192. Year: 2011.
- 2) Creating new forms of teacher education through life long open learning education system in India. Reference: JRED/JI/Vo-3.4/Dec.-2014. ISSN No:2319-1899.

**Smt. V. Anitha**

1. Anitha.V,The master crafts man(2012).Rural Glory,Diksuchi Publications,Pg No.30-34,ISBN-9788191039627.

**Dr. K.P. Venkata Subbaih**

1. Govinda Reddy V., VenkataSubbaiah KP. Attitude of In-Service Teachers towards implementation of Sex Education in Secondary Schools, *Journal of International Academic Research for multidisciplinary*, 2014; 2(2); 124-136.ISSN 2320-5083, Impact Factor, 1.625.
2. Govinda Reddy V., VenkataSubbaiah KP. A study of influence of anxiety on Academic Performance of Class X Students, *Review of ResearchJournal*, 2014; 4(1); 9817-9830.ISSN 2249-894X, Impact Factor, 2.1.
3. Govinda Reddy V., VenkataSubbaiah KP. A Study on Coping with Stress in Adolescents. *European Academic Research*,2014; 2(7); 9817-9830.ISSN 2286-4822. Impact Factor, 3.1.
4. Govinda Reddy V., VenkataSubbaiah KP. Adolescence problems of Intermediate Students and their guidance needs. *Golden Research Thoughts*, 2014; 4(2); 1-7.ISSN 2231-5063. Impact Factor, 2.2052. DOI.10.9780/22315063.
5. Govinda Reddy V., VenkataSubbaiah KP. The effect of concept mapping as a Teaching strategy in attainment of biological science concepts among Secondary school students. *Indian Streams Research Journal*, 2014; 4(8); 1-8.ISSN 2230-7850. Impact Factor, 2.15
6. VenkataSubbaiah KP., Savithramma N. Validation and characterization of Silver nanoparticles from *Strychnosnux-vomica*– an important ethnomedicinal plant of Kurnool district, Andhra Pradesh, India. *International Journal of Pharmacy and Biological Sciences*, 2014; 4(1):54-53. e-ISSN:2230-7605, ICV:4.72.
7. VenkataSubbaiah KP., Savithramma N., Synthesis of silver nanoparticles and anti microbial activity from *Cadabafruticosa*– An Important Ethnomedicinal plant to treat vitiligo of Kurnool District, Andhra Pradesh, India, *Indo American Journal of Pharmaceutical Research*, 2013; 3(12):1285-1292. ISSN Print: 2231-6876, Impact Factor, 0.97.
8. VenkataSubbaiah KP., Savithramma N., Characterization and Validation of Silver nanoparticles from *Holarrhenapubescens*– An Important Ethnomedicinal Plant of Kurnool District, Andhra Pradesh, India,*World Journal of Pharmacy and Pharmaceutical Sciences*,2013; 2(6): 6288-6300. ISSN Print: 2278-4357, Impact Factor, 0.8.
9. VenkataSubbaiah KP., Savithramma N., Characterization and Validation of Silver nanoparticles of *Psoraleacorylifolia*. Seeds, *The Journal of Bioprocess Technology* 2013; 97: 217-224. ISJN: 3352-7304, Impact Factor, 3.49.
10. VenkataSubbaiah KP.,Ramanjaneyulu G., and Savithramma N., Synthesis of Silver nanoparticles and Validation from Rhizome powder of *Curcuma longa* L. – Anethnobotanical Plant for Skin Disease. *Indian Streams Research Journal* 2013;3(5): 1-7. ISSN No: 2230-7850, Impact Factor, 2.15.
11. Venkatasubbaiah KP.,Savithramma N., Antimicrobial efficacy of silver nanoparticles synthesized from *Withaniasomnifera*– An Important Ethnomedicinalherb of Kurnool District, Andhra Pradesh, India, *Int. J. Pharm. Sci. Rev. Res.*, 2013; 22(1),40:216-222. ISSN: 0976-044X, Impact Factor, 1.704.
12. VenkatasubbaiahKP., Savithramma N., Biological synthesis and validation of silver nanoparticles from leaves of *Lawsoniainermis*L.– An Ethnomedicinalplant for skin diseases, *Indian Streams Research Journal*, 2013; 3(7): 1-7. ISSN No : 2230-7850, Impact Factor, 2.15
13. VenkataSubbaiah KP,Ramanjaneyulu G and Savithramma N., Validation of Silver Nanoparticles Isolated from Roots of *Plumbagozeylanica*L.- An Ethnomedicinal Plant

- for Skin Diseases, *JPR: Biomedrx: An International Journal* 2013;1(6):579-584. ISSN: 0974-6943, Impact Factor, 2.507.
14. VenkataSubbaiah KP, Ramanjaneyulu G and Savithramma N., Green synthesis of silver nanoparticles and anti microbial activity from *Eclipta alba* – An Important Ethno Medicinal herb of Kurnool District, Andhra Pradesh, India, *International Journal of Advanced Research*, 2013; 1(10): 72-81. ISSN: 2320-5407, Impact Factor, 1.65.
  15. VenkataSubbaiah KP., Savithramma N., Bio-prospecting and Documentation of traditional medicinal plants used to treat Itching, Psoriasis and Wounds by ethnic groups of Kurnool District, Andhra Pradesh, India. *Asian Journal of Pharmaceutical and Clinical Research*, 2012; 5 (2): 127-131. ISSN- 0974-2441, Impact Factor, 0.7.
  16. VenkataSubbaiah KP., Savithramma N., Bio-prospecting and Documentation of traditional medicinal plants used to treat Ringworm by ethnic groups of Kurnool District, Andhra Pradesh, India. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012; 4(1): 251-254. ISSN- 0975 – 1491, Impact Factor, 1.59.
  17. VenkataSubbaiah KP., Savithramma N., Bio-prospecting and documentation of traditional medicinal plants used to treat selected skin diseases by ethnic groups of Kurnool District, Andhra Pradesh, India, *International Journal of Advances in Pharmaceutical Research*, 2012; 3 (2): 790-797. ISSN-2249 – 7226, Impact Factor, 0.524.
  18. VenkataSubbaiah KP., Savithramma N, Bio-prospecting and documentation of Traditional Medicinal Plants used to treat Leprosy and Eczema by Ethnic Groups of Kurnool District, Andhra Pradesh, India. *Journal of Pharmacy Research*, 2011;4(12):4488-4490.

## S.K.U. College of Engineering & Technology

1. **Name of the Department** : S.K.U. College of Engineering & Technology
2. **Year of establishment** : 2006
3. **Is the Department part of a School/Faculty of the University?** :  
Yes, Faculty of Engineering
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Sl. No	Name of the program offered	Remarks(UG/PG)
1.	B.Tech., - CSE Computer Science and Engineering	UG FT(Regular)
2.	B.Tech., - ECE Electronics and Communication Engineering	UG FT(Regular)
3.	B.Tech., -EEE Electrical and Electronics Engineering	UG FT(Regular)
4.	B.Tech., -Civil Civil Engineering	UG FT(Regular)
5.	B.Tech.,- Mechanical Mechanical Engineering	UG FT(Regular)
6.	M.Tech., - CSE Computer Science and Engineering	PG FT(Regular)
7.	M.Tech., - EMVL Embedded Systems and VLSI Design	PG FT(Regular)
8.	M.Tech.,- EPS Electrical Power Systems	PG FT(Regular)

FT-Full Time

5. **Interdisciplinary programmes and departments involved** :  
All the branches have a minimum of Two/Three subjects of interdisciplinary nature that are taught by the teachers of other departments.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** :  
Nil
7. **Details of programmes discontinued, if any, with reasons** :  
B. Tech., – Biotechnology has been discontinued from the academic year 2012-13 due to lack of admissions in the first year.
8. **Examination System** : Semester with Choice Based Credit System
9. **Participation of the department in the courses offered by other departments** :  
The staff of every branch of engineering participate in teaching the subjects offered by every other departments.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	-	-	-
Associate Professors	-	-	-
Asst. Professors	-	-	-
Others (Adhoc Lectures)	-	52	52

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No.of Years of Experience</i>	<i>No.of.PhD/ M.phill Students guided for last 5 years</i>
G.Vishnuvardhan	M.Tech (Ph.d)	Adhoc Lecturer	Structural Engineering	3	-
S Pradeep Kumar	M.Tech (Ph.d)	Adhoc Lecturer	Structural Engineering	2	-
V.G.Kiran Kumar	M.Tech	Adhoc Lecturer	Structural Engineering	1	-
K.Yuva Pallavi	M.Tech	Adhoc Lecturer	Structural Engineering	1	-
G.Vijay Kumar	M.Tech	Adhoc Lecturer	CSE	7	-
D.Gousiya Begum	M.Tech	Adhoc Lecturer	CSE	6	-
V.Siva Kumar	B.Tech	Adhoc Lecturer	CSE	6	-
A.Renuka devi	B.Tech	Adhoc Lecturer	CSE	6	-
K.Venkatesh	B.Tech	Adhoc Lecturer	CSE	4	-
U.Dhanunjaya	M.Tech	Adhoc Lecturer	CSE	4	-
P.R.Rajesh Kumar	M.Tech	Adhoc Lecturer	CSE	4	-
M.Vanaja	M.Tech	Adhoc Lecturer	CSE	2	-
Sk.Mohiddin	M.Tech	Adhoc Lecturer	CSE	1	-
T.Swapna	M.Tech	Adhoc Lecturer	CSE	1	-
B.Raviteja	M.Tech	Adhoc Lecturer	CSE	1	-
B.Vijayakumar	M.Tech	Adhoc Lecturer	Power Systems	4	-
E Sreelatha	B.Tech	Adhoc Lecturer	EEE	4	-
N.Rajesh Kumar Gowd	M.Tech	Adhoc Lecturer	Power Systems	3	-
K.Gangadhar	M.Tech	Adhoc Lecturer	Power Systems	3	-
V.K.Chakravarthy Naik	M.Tech	Adhoc Lecturer	Power Electronics	3	-
T.H.Kumar	M.Tech	Adhoc Lecturer	Control Systems	2	-
K.Madhubabu	M.Tech	Adhoc Lecturer	Power Systems	2	-
P.Shashavali	M.Tech	Adhoc Lecturer	Power Electronics	2	-
P.Amrutha	M.Tech	Adhoc Lecturer	Power Systems	14	-
M. Kumudvathi	M.Tech	Adhoc Lecturer	Power Systems	2	-

**Sri Krishnadevaraya University, Ananthapuramu**

G.Lakshmi	B.Tech	Adhoc Lecturer	ECE	9	-
S.Anjaneyulu	M.Tech (Ph.D)	Adhoc Lecturer	Digital Sys.& Computer Electronics	8	-
G.Jyoshna	M.Tech (Ph.D)	Adhoc Lecturer	Digital Sys.& Computer Electronics	8	-
P.Murali Krishna	M.Tech	Adhoc Lecturer	Digital Sys.& Computer Electronics	7	-
D.Purushotham Reddy	B.Tech	Adhoc Lecturer	ECE	6	-
S.Narasimhulu	M.Tech (Ph.D)	Adhoc Lecturer	Communication Systems	4	-
D.N.Kuldeep Shamgar	M.Tech	Adhoc Lecturer	Digital Sys.& Computer Electronics	2	-
N.P.Saradadevi	M.Tech	Adhoc Lecturer	VLSI	2	-
K.Poojitha	M.Tech	Adhoc Lecturer	VLSI	1	-
K.Manjula	M.Tech	Adhoc Lecturer	Embedded & VLSI	1	-
Dr.M.Sreevani	Msc.PhD	Adhoc Lecturer	Mathematics	9	-
Dr.P.Raveendranath	Msc.PhD	Adhoc Lecturer	Mathematics	9	-
Dr.N.Vimala	Msc.PhD	Adhoc Lecturer	Mathematics	4	-
V.L.I.Isaac	MA.PhD	Adhoc Lecturer	English	9	-
Dr.G.Vijay Kumar	M.Com Ph.d	Adhoc Lecturer	Commerce	4	-
Dr.J.Latha	Msc.PhD	Adhoc Lecturer	Bio-technology	7	-
Dr.M.Afrozuddin	MA.PhD	Adhoc Lecturer	English	1	-
Dr.B.Nagaraju	Msc.PhD	Adhoc Lecturer	Physics	1	-
Dr.J.Vijaykumar	Msc.PhD	Adhoc Lecturer	Physics	1	-
Dr.M.Vidya Sagar	Msc.PhD	Adhoc Lecturer	Physics	1	-
Dr.Y.Sudharani	Msc.PhD	Adhoc Lecturer	Physics	1	-
D.V.Praveen Kumar	M.Tech	Adhoc Lecturer	Advanced Manufacturing Systems	2	-
S.Lingamaiah	M.Tech	Adhoc Lecturer	Refrigeration And Air Conditioning	2	-
G.Naveen Kumar	M.Tech (Ph.d)	Adhoc Lecturer	Manufacturing Technolgy	2	-
B.Rajesh Babu	M.Tech	Adhoc Lecturer	Refrigeration And Air Conditioning	1	-
K.Usha Rani	M.Tech	Adhoc Lecturer	R& AC	1	-
U.Jawahar Surendra	M.Tech	Adhoc Lecturer	R & AC	1	-

**12 List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<i>Sl. No</i>	<i>Name</i>	<i>Designation</i>	<i>Purpose</i>
1.	Dr.K.Subbarangaiah	Director, Veda IIT,Hyderabad	To deliver expert lectures and conduct skill development programs
2.	Prof.R.Ramakrishna Reddy	UGC emeritus professor	
3	Prof.T.Surya Narayana	UGC emeritus professor	

**13 Percentage of classes taken by temporary faculty(Guest Faculty) - programme-wise information**

<i>Sl. No</i>	<i>Name of the programme</i>	<i>% of classes taken by temporary Faculty members</i>
	<b>UG Programmes</b>	
1.	B.Tech Computer Science and Engineering(CSE)	5
2.	B.Tech Electronics and Communication Engineering (ECE)	3
3.	B.Tech Electrical and Electronics Engineering(EEE)	5
4.	B.Tech Civil Engineering (CE)	10
5.	B.Tech Mechanical Engineering (ME)	Nil
	<b>PG Programmes</b>	
1.	M.Tech Computer Science and Engineering (CSE )	Nil
2.	M.Tech Embedded Systems and VLSI Design(ECE)	Nil
3.	M.Tech Electrical Power Systems(EEE)	Nil

**14 programme-wise Student Teacher Ratio**

<i>Sl. No</i>	<i>Name of the programme</i>	<i>Student - Teacher Ratio</i>
	<b>UG Programmes</b>	
1.	B.Tech Computer Science and Engineering(CSE)	17:1
2.	B.Tech Electronics and Communication Engineering (ECE)	18:1
3.	B.Tech Electrical and Electronics Engineering(EEE)	18:1
4.	B.Tech Civil Engineering (CE)	25:1
5.	B.Tech Mechanical Engineering (ME)	20:1
	<b>PG Programmes</b>	
1.	M.Tech Computer Science and Engineering (CSE )	2:1
2.	M.Tech Embedded Systems and VLSI Design(ECE)	2:1
3.	M.Tech Electrical Power Systems(EEE)	2:1



- 15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual - **Adhoc Staff**

<i>Sl. No</i>	<i>Staff Category</i>	<i>Number</i>
1.	Lab Assistants	23
2.	System Administrator	1
3.	Programmers	3
4.	Library Assistant	1
	<b>Total:</b>	<b>28</b>

	<i>Administrative Staff</i>	
1.	Assistant register	1
2.	Superintendent	1
3.	Junior Assistant	5
4.	Clerk/ Attendants	4
5.	Sweeper	4
6.	Sanitary worker	1
	<b>Total:</b>	<b>16</b>

- 16 Research thrust areas as recognized by major funding agencies : **Nil**
- 17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **Nil**
- 18 Inter-institutional collaborative projects and associated grants received : **Nil**  
a) National collaboration                      b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : **Nil**
20. Research facility / centre with : **Nil**  
  - state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies
22. Publications: (Details vide Annexure-I)

<i>Sl. No.</i>	<i>Particulars</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>
1.	Number of papers published in peer reviewed journals:					
a)	National	3	5	2	13	2
b)	International	4	16	28	35	33
2.	Monographs					

3.	Chapters in Books					
4.	Edited Books					
5.	Text/ Reference books					
6.	Number listed in International Database					
7.	Citation Index – range / average					
8.	Impact Factor – range / average					
9.	h-index					

**Workshops :**

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	GIRIKA JYOSHNA	Faculty development program on Advanced Signal and Image Processing Techniques	1 <sup>st</sup> to 14 <sup>th</sup> August 2013
2.		Orientation on MATLAB, Simulink & Related Tool Boxes for Engineering Education	7 <sup>th</sup> OCT' 2015
1.	Sake Anjaneyulu	Two-week ISTE workshop on Research methodologies, Indian Institute of Technology ,Bombay	25 June to 04 July, 2012
2.		Two-week ISTE workshop on Signals and Systems, . Indian Institute of Technology , Kharagpur	2-12 January 2014
3.		Advances in Image &Video Processing and Applications using MATLAB . Sreenidhi Institute of Science and Technology, Hyderabad, (One-Week Workshop)	7-12 April, 2014
4.		Real- time concepts for Embedded Systems . S K University , Anantapur	16-17 March, 2008
5.	Sake Anjaneyulu	Digital Imaging Trends & Perspectives(DITP-2008), JNT University, Anantapuramu	19-20 December, 2008
6.		Complementary Domains-VLSI & Embedded Systems(CDVES-13), JNT University, Anantapuramu	30 April 2013
7.		Advances in Signal Processing(NWASP-2K13), S V University, Tirupati	05-06 July, 2013
8.		Xilinx DSP design flow &Implementation of Image and Signal Processing Applications using Xilinx FPGAs. JNT University, Anantapuramu,	24-25 January 2014

9.		Wavelet Transforms in Signal Processing. SVU College of Engineering, Tirupati	14-15 March 2015
10.		National Service Scheme Empanelled Training Institution, (One-Week), Ministry of Youth Affairs and Sports, Govt of India, Andhra University, Visakhapatnam	26 Oct to 01 Nov 2012
11.		National Service Scheme Empanelled Training Institution, (One-Week) , Ministry of Youth Affairs and Sports, Govt of India, JNT University, Anantapuramu	15-21 March 2013
12.		MATLAB, Simulink & Related Tool boxes for Engineering Education. JNT University, Anantapuramu	07 October 2015

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1	Saggili Narasimhulu	Two-week ISTE workshop on Research methodologies, Indian Institute of Technology ,Bombay	25 June to 04 July, 2012
2.		Two-week ISTE workshop on Signals and Systems, . Indian Institute of Technology , Kharagpur	2-12 January 2014
3.		Real- time concepts for Embedded Systems . S K University , Anantapur	16-17 March, 2008
4.		Digital Imaging Trends & Perspectives(DITP-2008), JNT University, Anantapuramu	19-20 December, 2008
6.	Saggili Narasimhulu	Advances in Signal Processing(NWASP-2K13), S V University, Tirupati	05-06 July, 2013
7.		Xilinx DSP design flow &Implementation of Image and Signal Processing Applications using Xilinx FPGAs. JNT University, Anantapuramu,	24-25 January 2014
8.		Wavelet Transforms in Signal Processing. SVU College of Engineering, Tirupati	14-15 March 2015

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	B.Vijaya Kumar	ONE DAY work shop on MATLAB & LABVIEW, SKUCET, S.K UNIVERSITY, ANANTAPURAMU	MAR- 2013
2.		TWO – DAY National level hands training programme on Analysis of power systems by using NEPLAN Software. JNTU College of Engg.(Autonomous), Pullivendula.	JAN-2014
3.		Two Week ISTE Work shop on control systems, IIT KHARAGPUR	DEC- 2014
1.	B.Rajesh Kumar Gowd	One Day NPTEL work shop NPTEL, IIT MADRAS. G. Pullareddy Engineering college(Kurnool)	SEP- 2015
2.		One Day MATLAB simulink and related tool boxes for Engg. Education Capricat technologies PVT ltd.JNTUA college of Engg. Anantapuramu	OCT-2015
3.	B.Rajesh Kumar Gowd	One Day Robot dynamics and control JNTUA college of Engg. Anantapuramu.	FEB-2012
4.		One Day Work shop on MATLAB and LABVIEW SKUCET, SK UNIVERSITY, ANANTAPURAMU.	MAR-2013
5.		One Day Work shop on Micro processors & controllers SKUCET, SK UNIVERSITY, ANANTAPURAMU.	DEC-2012
1	K.Gangadhar	ONE DAY ,MATLAB AND LABVIEW College of Engg. S.k. University	March-2013
2		TWO DAY ,Analysis of power systems by using NEPLAN software JNTUA college of Engg. PULLIVENDULA	JAN-2014

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.		TWO DAY Workshop Analysis of power systems by using NEPLAN software JNTUA college of Engg. PULLIVENDULA	JAN-2014

2.	V.K.Chakravarthy Naik	3- DAY Simulation of Electrical systems by using MATLAB G. Pullareddy Engineering college(Kurnool)	DEC-2010
3.		ONE DAY Workshop on MATLAB and LABVIEW,SKUCET, SK UNIVERSITY, ANANTAPURAMU	MAR-2013
4.		ONE DAY work shop on “RENEWABLE ENERGY SOURCES”JNTU College of Engg.(Autonomous), ANANTAPURAMU.	MAR- 2014
5.		TWO DAY Workshop Analysis of power systems by using NEPLAN software JNTUA college of Engg. PULLIVENDULA	JAN-2014

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	T.H.Kumar	One Day Workshop On Introduction to genetic fuzzy and neural system G.Pullaiah college of Engineering & Technology	16/02/2013
2.		One Day Workshop On Awareness on Power systems simulation analysis using MI power softwareJ.N.T.U.A.C.E.A	22/09/2015
3.		Two Week Workshop On Analog Electronics IIT . Kharagapur	(04/06/2013 to14/06/2013)
4.		One week Workshop on Research perspective on solar PV systemPSG College of Technology, Coimbatore.	(26/03/2015 to 29/03/2015)
5.		Two Day Workshop on Advanced in power systems stability & reliability.Sree Vidyanikethan engineering college.	(03/03/2014 to 04/03/2015)

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1	K.Madhubabu	One Day Workshop On Awareness on power systems simulation analysis using MI power J.N.T.U.A.C.E.A	September 2015
2		One Day Workshop On Renewable energy sources J.N.T.U.A.C.E.A	08/03/2014
3		Two Day Workshop On Simulation of power electronics G.P.R.E.C. Kurnool.	December 2012

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	P.Amrutha	One Week Workshop On Analysis of electrical circuit <b>J.N.T.U.A. Anantapuramu</b>	September 2005
2.		One Day Workshop On MATLAB FOR ENGINEERS <b>INTELL Engineering college, Anantapuramu.</b>	August 2008
3.		Three Day Workshop On Smart Grid & Integration of Renewable energy resources. <b>NIT, Warangal</b>	December 2011
4.		Five Day Workshop On Mission 10X workshop <b>Wipro (ISTE workshop)</b>	February 2012
5.		Two Day Workshop On Advances in power system stability & Reliability <b>Sree Vidyanikethan engineering college. Tirupati.</b>	March 2014
6.		One Day Workshop On Role of women in engineering (WIE) education through IEEE <b>J.N.T.U.A. Anantapuramu</b>	September 2015
7.		One Day Workshop On Awareness on power system simulation analysis using Mi power software. <b>J.N.T.U.A. Anantapuramu</b>	September 2015
8.		Two Week Workshop On Control systems(ISTE) <b>S.V.University, Tirupati. IIT. Kharagpur. (ISTE-(MHRD)</b>	Dec 2 <sup>nd</sup> to 14 <sup>th</sup> 2014
9.		One Day Workshop On MATLAB Simulink & Related tool boxes for engineering education <b>Capri cot Technologies Pvt. Ltd. In J.N.T.U.A.</b>	October 2015

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	M.N.Kumudwati	Two Day Workshop Advances in power system stability & Reliability <b>Sri Vidyanikethan engineering college. Tirupati.</b>	March 2014

2.	M.N.Kumudwati	One Day Role of women in engineering education through (IEEE) <b>J.N.T.U.A. Anantapuramu.</b>	September 2015
3.		One Day Workshop Awareness on power systems simulation analysis using Mi power software. <b>J.N.T.U.A. Anantapuramu.</b>	September 2015
4.		Two Week Workshop Control systems(ISTE) <b>S.V.University, Tirupati. IIT. Kharagpur. (ISTE-(MHRD)</b>	Dec 2 <sup>nd</sup> to 14 <sup>th</sup> 2014.
1.		Three Day Workshop Smart Grid and Integration of Renewable energy resources. <b>NIT, Warangal</b>	December 2011
2.	P.Shashavali	Three Day Workshop Simulation of Electrical system using MATLAB <b>G.Pulla Reddy Engineering college. Kurnool.</b>	December 2010
3.		Two Day Workshop Reliability Applications of power systems <b>J.N.T.U.A college of engineering. Pulivendula</b>	July 2013
4.		Two Day Workshop Analysis of power systems by using NEPLAN software. <b>J.N.T.U.A college of engineering. Pulivendula</b>	January 2014
5.		Two Day Workshop Technological Advances in power electronics and power systems. <b>Bellary Institute of Technology, Bellary.</b>	February 2014

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	K Venkatesh	wireless networks and Simulation through NS-2	March 8 & 9 2013
2.		Recent Trends and Research Perspectives in Data warehousing and Data Mining	November 8 & 9 2014
1.	P.R.RAJESH KUMAR	Association For Software Systems:Practice,Research And Engineering(Aspire 10)(National Level Workshop)	22 &23 DEC 2010
2.		Importance Of Campus Placement Training For Students In	23 SEP 2011



		Technically Driven Society	
3.		Market Oriented Cloud Computing And Eneka Platform (Ugc Sponsored Program)	27 DEC 2011
1.	D.GOUSIYA BEGUM	Image Processing	SEP 2010
2.		Emerging Trends In Image Processing (National Level Workshop)	JUNE 2012

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	U.Jawahar surendra	Two Day Workshop CADM – Trends in CNC Machining (TCNCM05) JNTU college of engineering (Autonomous), Anantapur	August 2005
2.		Three Day Workshop on CD-adapco Computational fluid dynamics through star-CD JNTU college of engineering (Autonomous), Anantapur	February 2006
3.		One Day Workshop CAME-2005 computer applications in Mechanical engineering JNTU college of engineering (Autonomous), Anantapur	December2005

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	K Usha Rani	Four Day workshop on Recent Trends in Design & Precision Engineering NITK, Surathkal & CMTI, Bangalore.	December-2013
2.		Three Day Workshop on Dynamic Analysis of Machines & Structures 2014 (DAMS-2014)NITK, Surathkal.	January-2014
3.		Two Day Workshop on Artificial Integenec& Robotics Sri Padmavathi mahila visvavidyalayam,Tirupati	March-2014

<i>Sl. No.</i>	<i>Name of the Faculty member</i>	<i>Name of the programme attended</i>	<i>Dates</i>
1.	A.RENUKA DEVI	One day workshop on Emerging Trends in Image Processing	31 March,2010
1.	SK. MOHIDDIN	National conference on advances in engineering & technology	1 March 2014
2.		Workshop on cyber security & malware analysis	26, 27 July 2013
3.		FDP on network simulator 2	15, 16 June 2013
4.		Mission 10x Workshop	21 Feb to 25 Feb 2012
5.		Faculty Development Program in JAVA	06-02-2012 to 08-02-2012
6.		National conference on advanced computing and communication technologies	March 12 & 13, 2011

23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in : Nil  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).  
• Attending Faculty development programmes / Refreshers courses Organised by IIT, UGC, AICTE, Summer and winter schools.  
• Presenting papers in National and International Conferences.  
• Visiting renowned lab facilities in both Industries and Government sectors.  
• Participating in Webinars

28. Student projects

<i>Sl. No</i>	<i>UG Programmes</i>	<i>Percentage of students who have done in-house projects including inter-departmental projects</i>
1.	B.Tech Computer Science and Engineering(CSE)	50
2.	B.Tech Electronics and Communication Engineering (ECE)	60
3.	B.Tech Electrical and Electronics Engineering(EEE)	40
4.	B.Tech Civil Engineering (CE)	Nil
5.	B.Tech Mechanical Engineering (ME)	Nil

	PG Programmes	
1.	M.Tech Computer Science and Engineering (CSE )	Nil
2.	M.Tech Embedded Systems and VLSI Design(ECE)	Nil
3.	M.Tech Electrical Power Systems(EEE)	Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Recent trends in ELECTRICAL ENGINEERING	B.VijayKumar	UGC	28/10/2012 & 29/10/2012	200
2.	Recent trends in ELECTRICAL ENGINEERING	B.Vijaykumar	UGC	01/11/2014 & 02/11/2014	200
3.	One Day National Level Technical Symposium on Latest Trends in Embedded Systems (EVINCE-2K10)(	Prof. B.Ramamurthy	APSCHE	19 ,March 2010	100
4.	Two Day National Level Technical Symposium on Recent Trends in Electronics & Communication Engineering(EVINCE -2K11)	S.Anjaneyulu	UGC	20 ,21 March 2011	120
5.	Two Day National Level Technical Symposium on Recent Trends in Electronics & Communication Engineering(EVINCE -2K12)	P.Murali Krishna	UGC	14 ,15 March 2012	250

6.	Two day workshop on Embedded Systems	P.Murali Krishna	SKU College Of Enginnering	1-2 November, 2012	60
7.	Two day workshop on Practical Image processing Using Matlab	P.Murali Krishna	SKU College Of Enginnering	3-4, Noveber, 2012	60
8.	One day workshop on Fundamentals Of Hardware Design	P.Murali Krishna	SKU College Of Enginnering	10 January 2013	60
9.	One Day Workshop Ono Matlab & Labview	Premchand, Secretary ESSENCE	- SKU College Of Enginnering	22 March ,2013	60
10.	Two day workshop On VISI Design	P.Murali Krishna	SKU College Of Enginnering	29-30, November 2013	60
11.	Two day workshop on Fundamentals Of Hardware Design	P.Murali Krishna	SKU College Of Enginnering	19-20, Feb, 2014	60
12.	Two day workshop on Verilog Programming	P.Murali Krishna	SKU College Of Enginnering	8-9, March 2014	120
13.	Two Day National Level Technical Symposium on Recent Trends in Electronics & Communication Engineering(EVINCE -2K14)	P.Murali Krishna	UGC	24,25 October 2104	250
14.	Two day workshop on Fundamentals Of Hardware Design	P.Mural Krishna	- SKU College Of Enginnering	10,11 October 2015	60
15.	Two day workshop on PCB Design	P.Murali Krishna	- SKU College Of Enginnering	06-07 Nov,2012	60
16.	Three Day Workshop On quantiative Aptitude	G.Vijaykumar	SKU College Of Enginnering	12-14 October, 2012	150

17.	Workshop On fundamentals of Web Technologies	G.Vijaykumar	- SKU College Of Enginnering	02 Feb 2013	60
18.	One Week Intensive Industry Ortented Training program On Core Java	Tall Grass, IETE	SKU College of Enginnering	21-27 Jan,2014	60
19.	One Week Intensive Industry Ortented Training program On Core Java	Tall Grass, IETE	SKU College Of Enginnering	27Jan-02 Feb, 2014	60
20.	Five Day Workshop On Quantitive Aptitude	G.Vijaykumar	SKU College Of Enginnering	14-18 Nov, 2013	150
21.	Two Day National Level Technical Symposium On Latest Trends In Civil Engineering Archon-2015	Vishnu vardhan	UGC	16-17 Oct, 2015	200
22.	Two Day National Level Technical Symposium On Latest Trends In Computer Science & Engineering (FUZON 2K12)	G. Vijay Kumar	UGC	12-13 March 2012	200
23.	Two Day National Level Technical Symposium On Latest Trends In Computer Science & Engineering (FUZON 2K14)	G. Vijay Kumar	UGC	17-18 Oct,2014	250

31. **Code of ethics for research followed by the departments :**

**At present no research degrees are offered**

32. **Student profile programme-wise:**

Name of the Programme	Year	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Tech Computer Science and Engineering (CSE)	2010-2011	Admissions are done through centralized web counseling(APEAMCET) conducted by APSCHE	42	15	98	100
	2011-2012		33	24	95	96
	2012-2013		36	22	Ongoing	Ongoing

	2013-2014		42	24	Ongoing	Ongoing
	2014-2015		24	19	Ongoing	Ongoing
B.Tech Electronics and Communication Engineering (ECE)	2010-2011	Admissions are done through centralized web counseling(APEAMCET) conducted by APSCHE	42	16	98	99
	2011-2012		36	23	97	100
	2012-2013		40	20	Ongoing	Ongoing
	2013-2014		30	36	Ongoing	Ongoing
	2014-2015		32	24	Ongoing	Ongoing
B.Tech Electrical and Electronics Engineering(EEE)	2010-2011	Admissions are done through centralized web counseling(APEAMCET) conducted by APSCHE	41	18	98	99
	2011-2012		32	25	99	100
	2012-2013		42	18	Ongoing	Ongoing
	2013-2014		42	23	Ongoing	Ongoing
	2014-2015		37	18	Ongoing	Ongoing
B.Tech Civil Engineering (CE)	2010-2011	Admissions are done through centralized web counseling(APEAMCET) conducted by APSCHE	-	-	-	-
	2011-2012		-	-	-	-
	2012-2013		44	12	Ongoing	Ongoing
	2013-2014		40	26	Ongoing	Ongoing
	2014-2015		40	20	Ongoing	Ongoing
B.Tech Mechanical Engineering (ME)	2010-2011	Admissions are done through centralized web counseling(APEAMCET) conducted by APSCHE	-	-	-	-
	2011-2012		-	-	-	-
	2012-2013		-	-	-	-
	2013-2014		-	-	-	-
	2014-2015		36	9	Ongoing	Ongoing
M.Tech Computer Science and Engineering	2010-2011	Admissions are done through centralized web counseling(APPGCET) conducted by APSCHE	-	-	-	-
	2011-2012		-	-	-	-

(CSE )	2012-2013		-	-	-	-
	2013-2014		8	7	100	100
	2014-2015		6	5	Ongoing	Ongoing
M.Tech Embedded Systems & VLSI Design (ECE )	2010-2011	Admissions are done through centralized web counseling (APPGCET) conducted by APSCHE	-	-	-	-
	2011-2012		-	-	-	-
	2012-2013		-	-	-	-
	2013-2014		7	7	100	100
	2014-2015		9	7	Ongoing	Ongoing
M.Tech Electrical Power Systems (CSE )	2010-2011	Admissions are done through centralized web counselling (APPGCET) conducted by APSCHE	-	-	-	-
	2011-2012		-	-	-	-
	2012-2013		-	-	-	-
	2013-2014		11	6	100	100
	2014-2015		11	4	Ongoing	Ongoing

### 33.Diversity Of Students

<i>Name of the program</i>	<i>% Of Students From Same State</i>	<i>% Of Students From Other State</i>
B.Tech Computer Science and Engineering(CSE)	100	-
B.Tech Electronics and Communication Engineering (ECE)	100	-
B.Tech Electrical and Electronics Engineering(EEE)	100	-
B.Tech Civil Engineering (CE)	100	-
B.Tech Mechanical Engineering (ME)	100	-
M.Tech Computer Science and Engineering (CSE )	100	-
M.Tech Embedded Systems and VLSI Design(ECE)	100	-
M.Tech Electrical Power Systems(EEE)	100	-



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No.	Year	No. of Students					
		NET	SET	GATE	Civil services	State services	Other exam (specify)
1.	2010-11	----	----	----	----	----	----
2.	2011-12	----	----	3	----	----	----
3.	2012-13	----	----	15	----	----	----
4.	2013-14	----	----	15	----	----	----
5.	2014-15	----	----	2	----	----	----

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed - Campus selection	50
Employed - Other than campus recruitment	2
Entrepreneurs	

36. Diversity of staff

% of Faculty who are graduates on the same University	
Of the same University	10%
From other universities within the state	85%
From universities from other state	5%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

38. Present details of departmental infrastructural facilities with regard to

Sl. No	Name of the Infrastructural Facility	Quantity/Details
1.	Library	4000 volumes ,Proceedings, Handbooks, National and International Journals
2.	Internet For Staff	Each Staff Provided with internet Facilities
3.	Internet For Students	Each Student Provided with internet Facilities
4.	Number of Class rooms	23
5.	Number of class rooms with ICT Facility	-
6.	Research Labs	Simulation Lab,IC lab,Machines Lab

39. **List of doctoral, post-doctoral students and Research Associates**  
a) from the host institution/University  
b) from other institutions/universities
40. **Number of post graduate students getting financial assistance from the University.**  
90% of the M.Tech., students get financial assistance from the Govt. of A.P.
41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**  
Considering the Demand for core branches from the local populace, Civil Engineering was started during 2012, M.Tech., in three branches was started in 2013 and B.Tech., Mechanical Engineering was started from the academic year 2014.
42. **Does the department obtain feedback from**  
a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**  
Feedback from the faculty is obtained as soon as the Board of Studies finalises the curriculum and accordingly modifications are incorporated during the next year's meeting.  
b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**  
Student feedback on staff is done at the end of every semester through online system and the staff are advised accordingly for better performance.  
c. **alumni and employers on the programmes offered and how does the department utilize the feedback?**  
The alumni of the college are in regular touch with their respective departmental staff and their suggestions are considered by the Boards of Studies of the respective branches for necessary modifications in the curriculum.
43. **List the distinguished alumni of the department (maximum 10) :**  
Boonapalli Ravi Theja : Robert Bosch Engg. and Business Soln Ltd  
Viswanath Avuti : Assistant Commandant (Dy SP), CISF at Ministry of Home Affairs, Govt. of India.  
Satish Kottala : Grade1 Finance & Accounts Admin at CSIR  
Syamanth Sivamani: Cisco Systems, Software engineer, Bangalore,  
Boya Kranthi Naidu: Young Professional Officer at NITI Ayog, New Delhi  
Chappedi Ratnam : Deputy Engineer- D&E at Bharat Electronics
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**  
Special lectures/training programmes are conducted at regular intervals in all the branches of engineering. The details have already furnished under conduct of seminars.
45. **List the teaching methods adopted by the faculty for different programmes.**  
Teaching aids such as LCD Projectors, Document Camera, head mikes, hand mikes, collar mikes, which encompass the smart class room facility, has been installed in the

division and utilized effectively, for the benefit of our students. The theoretical concepts of various subjects, are practically demonstrated in the laboratory sessions. Apart from the laboratory equipment the following softwares are also used to enhance the level of understanding of the students

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- The department has a continuous assessment system for all programs and each student will have to appear for 3 assessments for each course. The course instructor will monitor the performance of students to ensure that the program objectives are met with.
- Further there is a class committee of all faculty members handling classes for the class and chaired by a senior professor. The periodic assessment record will be also scrutinized and corrective measures are taken depending upon the performance of the candidates .
- In order to gain practical knowledge in each course, the course instructors take them for industrial visits periodically which will be normally one per subject per semester .

47. **Highlight the participation of students and faculty in extension activities.**

The NSS Unit consisting of the students and faculty of the college is very actively involved in conducting the Extension activities. The college has adopted a nearby village (Chinnakunta) for the past three years and the students and faculty visit the village regularly in bringing awareness among the villagers on various developmental and welfare programmes of the Govt.

48. **Give details of “beyond syllabus scholarly activities” of the department.**

Students organise competitions regularly on hackathon and e-content for exploring new ideas under the banner Engineers club of the College.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The College is approved by AICTE

50. **Briefly highlight the contributions of the College in generating new knowledge, basic or applied.**

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the College.**

Separate teams were formed with the students of different branches and the staff associated with the teaching and the teams were intern asked to collect the information from different stake holders individually and collectively. The teams were encouraged to be candid and constructive in their participation and collection of data. Brain storming sessions were held with the groups in the presence of the Heads of the departments with a faculty from the English acting as a facilitator and a student representative acting as a rapporteur updating the power point presentation. Efforts were made to provide congenial atmosphere for free flow of information focusing on the internal strengths and weaknesses and external opportunities and threats for the future. The points discussed during the University Industry Interface meeting held on 11<sup>th</sup> February 2012 in which 24 CEOs of different industries participated, were also considered. The feed back from 32 passed out students who have been actively mentoring their junior students was also considered for arriving at the SWOT analysis. The outcome of the deliberations is listed below.

**Strengths**

- Being a University Constituent College, better campus life for the students with a balance on freedom and discipline along with all round development.
- Ample scope for interaction with PG students and Research Scholars of several other faculties on the campus.
- Free access to the general infrastructural facilities of the University like stadium, auditorium, seminar halls, health centre, Instrumentation Centre, Computer Centre, Boys and Girls Hostels, Gym and other play fields.
- Presence of well qualified and experienced faculty in Sciences, Humanities and Management on the campus and strong support in these subjects.
- Access to the NPTEL Video lectures on a regular basis.

**Weaknesses**

- Being run on Self finance mode, it is difficult to the University to appoint regular faculty in the absence of sanctioned positions from the Govt.
- Lack of advanced Infrastructure and accreditation status limits the chances of convincing multinationals for campus placement drives.
- Inadequate number of Experienced and senior Faculty.
- Most of the students being from rural background, lack communication skills.
- Inadequate access to digital library facilities and to advanced research journals.

**Opportunities**

- Opportunity to excel in the region once a major thrust is given in terms of infrastructure.
- Flexibility of redesigning curriculum to the needs and requirements of specific industries.
- Scope for introducing UG core branches along with specialized PG programmes in collaboration with industries working in specific domains.

**Challenges**

- The placement chances of the students are subject to global economic conditions.
- Attrition rate of quality faculty members once higher qualifications are acquired.
- Non availability of quality students with passion for engineering stream.

**52. Future plans of the College :**

The vision of the college is that the students are exposed to application skills not only in the laboratories but also through work experience in a variety of establishments. There is an urgent need to improve the teaching learning process and enhance the employability of the students. To introduce more UG core branches gradually and to introduce domain specific PG courses in collaboration with industry . The most important thing is to put the students in contact with their potential employers in the centers of production in commerce and industry. This will facilitate feed back and awareness of the ever changing occupational requirements. The students will be specially trained in different life skills by inviting Visiting Faculty from different industries to impart hands on experience in different domains of the technology. The weaknesses can be overcome through a systems analysis of each, and with the help of the University administration.

**Annexure-I: List of Publications**

International Journal of Multifaceted and Multilingual Studies. Volume: I, Issue: III. ISSN Print: 2394-207X, Online: 2350-0476. <b>Title: Image of a Woman in Candida.</b> (Md. Afrozuddin & Dr. V.B. Chithra)
On-line International Journal of English Language, Literature and Humanities. Volume: II, Issue: VII. November <b>2014</b> , 268-275. <b>Title: Mentoring... An Art in GB Shaw's Caesar and Cleopatra.</b> (Md. Afrozuddin & Dr. V.B. Chithra)
Published research article in <b>International Journal</b> with ISSN 2319-4952 " <b>Wizcraft Journal of Language and Literature: International Journal of Language &amp; Literature (Quarterly)</b> " Volume: 2, Issue: 4, December 2013, Page Number: 56. <b>Title: George Bernard Shaw's Glimpses and Perceptions of War and Love in Arms and the Man.</b> (Md. Afrozuddin)
Published research article in <b>International e-journal</b> with ISSN 0976-8165 " <b>The Criterion-An International Journal in English</b> " Volume: 4, Issue IV, August 2013, <b>Title: George Bernard Shaw's Puritanical Approach in Plays for Puritans.</b> (Md. Afrozuddin)
Published research article in <b>International Journal</b> with ISSN 2231-2137 " <b>Contemporary Research in India</b> " Volume: 2, Issue: 3, September 2012, Page Number: 194. <b>Title: Man-woman relationship: A Journey of Love or Lust? A Study with Reference to the Short Stories of Shashi Deshpande.</b> (Y. Priscilla & Md. Afrozuddin)
Published research article in <b>International Journal</b> with ISSN 2231-2137 " <b>Contemporary Research in India</b> " Volume: 2, Issue: 2, June 2012, Page Number: 58. <b>Title: Bernard Shaw's Warren: A New Woman.</b> (Md. Afrozuddin & Dr. V.B. Chithra)
Self -help groups bank linkage programmes: an experience of Andhra Pradesh <b>India Inc. challenges and opportunities</b> ISBN: 93-80697-43-0 (Dr.G.Vijay Kumar)
2.An Empirical analysis on Economic conditions of tribals - A study in Anantapur district of Andhra Pradesh <b>Business Sciences International Research Journal. ISSN 2321- 3191(Dr.G.Vijay Kumar)</b>
3.An Analysis on socio economic conditions of Tribals in A.P. <b>International research Journal of Commerce, Business and Social sciences. ISSN 2277 - 9310 (Dr.G.Vijay Kumar)</b>
Impact of Tribal development programmes on Income and Employment Generation of tribals-a study of Ananthapur district <b>MITS International journal of Business Research ISSN 2349-1701 (Dr.G.Vijay Kumar)</b>
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"Design and development of FPGA based temperature measurement and control system", B. Naga Raju, K. Sreelekha, J. Vijay Kumar, U. Mahesh, C. Swapna and T. Ramanjappa, International Journal of Electronics and Communication Engineering & Technology, Vol. 4, Issue 4, pp. 86-95 ,July-August, 2013, ISSN: 0976-6464 © I A E M E
"Design and development of CPLD based temperature measurement and control system", B. Naga Raju, K. Sreelekha, J. Vijay kumar, U. Mahes and T. Ramanjappa, International Journal of Electronics and Communication Engineering, Vol.2, Issue4, pp.41-48, September,2013. ISSN 2278-9901, © IASET.
"Design and Implementation of low power pipelined 64-bit RISC processors using FPGA", J. Vijay Kumar, B. Naga Raju, C. Swapna and T. Ramanjappa, International Journal of Advanced Research In Engineering and Technology(IJARET), Vol.5, issue 2, pp.61-69, February, 2014, ISSN 0976-6499, © I A E M E.
"Design and Development of FPGA based Low power pipelined 64-bit RISC processor with Double Precision Floating Point Unit", J. Vijay Kumar, B. Naga Raju, C. Swapna and T.Ramanjappa,, IEEE International Conference on Communication and Signal Processing, April 3-5 2014, Melmaruvathur, Chennai, India.
"FPGA based implementation of pipelined 32-bit RISC processor with floating point unit", J. Vijay Kumar, C. Swapna, B. Naga Raju, and T. Ramanjappa,, International Journal of Engineering Research and Applications(IJERA), Vol. 4, Issue 4, pp.01-07, April, 2014, ISSN 2248-9622.
"Experimental Measurement of Thermal Conductivity of Wood Species In India: Effect of Density and Porosity", M. Vasubabu, B. Nagaraju, J. Vijay Kumar and R. Jeevan Kumar, International Journal of Science, Environment and Technology, Vol. 4, No 5, October, 2015, pp. 1360 - 1364, ISSN 2278-3687.
"Energy Dispersive X-ray analysis of wood species: Casuarinaceae", M.Vasubabu, B.Nagaraju, J.Vijay Kumar, C.Suresh babu and R.Jeevan Kumar, International Journal of Emerging Trends in Engineering and Development, Issue 5, Vol. 6, Oct.-Nov,2015, pp.26-29, ISSN 2249-6149.
Performance Evaluation of Vapour Compression, Refrigeration System With Three Layer ZigZag Shaped Evaporator. International Journal of Scientific and Engineering Research(ISSN 2229-5518) (Usha Rani k)
Development of Air Conditining system based on vapour absorption refrigeration cycle for automobiles using exhaust gases with R134A-DMF International Journal of Mechanical Engineering and Technology(0976-6359) (Usha Rani k)
Study on effect of some parameters on drilling International journal of engineering

trends and technology(ISSN:2231-5381) (Usha Rani k)
Active power filter based low frequency AC system for OFF SHORE wind power IJATIR ISSN 2348-2370 (B.Vijay Kumar)
A Novel Fuzzy controlled on Grid PV system IJATIR ISSN 2348-2370 (B.Vijay Kumar)
PSO Based power loss minimization in distribution system. IJATIR ISSN 2348-2370 (B.Vijay Kumar)
A New proposal of SFCL in AC & DC microgrid to limit the fault current. IJASER ISSN 2437-3878 (E.Sree Latha)
Micro grid Inverter energy management Algoritham 2349-8439 (K.Gangadhar)
Speed control of brushless DC Motors using optimal PID controller with LQR approach IJAST (V.K. CHAKRAVARTHY NAIK)
Power loss reduction in radial distribution transformers using MAT LAB GJTE[Volume -2 issue-3],e- ISSN.2393-9923 (Global Journal of trends in engineering ) T.H.Kumar
Power quality improvement using a combination of shunt hybrid power filter and thyristor controlled reactor IJCSME (International Journal of computational science, mathematics & engineering).E-ISSN-2349-8439 Vol-2. Issue-4. M.Kumdwathi
A latest approach to multifunctional dynamic voltage restorer's implementation for energy control & protect consumers in distribution systems.ISSN-2319-183XP:2319-1821 Vol.2 Issue International refereed journal of engineering and science(IRJES) M.Kumdwathi
Comparison of Direct torque control, Band constrained and prediction techniques of a 3-phase induction motor. IJITR, ISSN:2320-5547 P.Amrutha
Generalized PWM Algorithm for 3 phase n-level VSI fed A.C.drives IJLTEMAS, ISSN 2278-2540 M.Karimulla, P.Shashavali, D.Nagaraju
Application of DSTATCOM for load compensation of isolated diesel generator system IJSR, ISSN:2319-7064 P.Shashavali,N.Ajay Kumar
Voltage stabilizing and real power loss reduction with LPC in distribution feeder IJESR, P-ISSN:2320-9763 e-ISSN 2277-2685 P.Shashavali,Ch.Balakrishna, K.Ravisankar
Band constrained technique for direct torque control of induction motor ISSN 2229-5216 P.Shashavali,Dr.Y.Siva Reddy
An Efficient Data Mining Technique for Generating Frequent Item sets International Journal of Advanced Research in Computer Science and Software Engineering Volume 3, Issue 4, ISSN: 2277 128X April 2013, pp. 571 - 575 (S.K.Mohiddin)
Short Term Load Forecasting using Generalized Neuron Model with Error Gradient Functions International Journal of Advanced Research in Computer Science and Software Engineering Volume 3, Issue 4, ISSN: 2277 128X April 2013, pp. 357 - 360(S.K.Mohiddin)
Efficient Searching on Data Using Forward Search International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 2, Issue 2, ISSN 2278 - 6856 March - April 2013, pp. 331 - 338 (S.K.Mohiddin)
Topologies in Unstructured Peer To Peer Networks International Journal of Modern Engineering Research (IJMER) Vol.3, Issue.2, ISSN: 2249 - 6645 March - April. 2013, pp. 903 - 907 (S.K.Mohiddin)
A NOVEL APPROACH FOR DATA PUBLISHING IN MINING International Journal of Research in Computer and Communication Technology Vol 2, Issue 7, ISSN 2278 - 5841 July-2013, pp. 387 - 391 (S.K.Mohiddin)

**SKU College of Pharmaceutical Sciences**

1. Name of the Department : SKU College of Pharmaceutical Sciences
  2. Year of establishment : 2008
  3. Is the Department/ (College) part of a School/Faculty of the University?  
Yes, Faculty of Life Sciences
  4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
B. Pharmacy (4 years course)  
M. Pharmacy (2 years course)
  5. Interdisciplinary programmes and departments involved : NIL
  6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
: NIL
  7. Details of programmes discontinued, if any, with reasons : Nil
- Examination System: Annual/Semester/Trimester/Choice Based Credit System  
B. Pharmacy: From 2011 (Old regulations) Yearly system  
B. Pharmacy: From 2015 (New regulations) Semester system
8. Participation of the department in the courses offered by other departments  
NIL
  9. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)  
: NIL
  11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
K. Vara lakshmi Devi	M.Pharmacy	Teaching Faculty	Pharmaceutical Chemistry	6 years
K. Kranthi Kumar	M.Pharmacy	Teaching Faculty	Pharmaceutics	4years
K. Swaroopa Rani	M.Pharmacy	Teaching Faculty	Pharmaceutical Analysis	4years
V. Rajani	M.Pharmacy	Teaching Faculty	Pharmacology	4years
G. Jyothi Reddy	M.Pharmacy	Teaching Faculty	Pharmaceutics	2years
D. Jyosna	M.Pharmacy	Teaching Faculty	Pharmaceutics	2years



S. Gayathri	M.Pharmacy	Teaching Faculty	Pharmacology	2years
N. Sai Gowthami	M.Pharmacy	Teaching Faculty	Pharamceutics	2 months
M.V. Sudha Rani	M.Pharmacy	Teaching Faculty	Industrial Pharmacy	2 months
P. Satya Sowmya	M.Pharmacy	Teaching Faculty	Pharmaceutics	1 month
D. Rajendra Prasad	M.Pharmacy	Teaching Faculty	Pharamceutics	1 month
G. Archana	M.Pharmacy	Teaching Faculty	Pharamceutics	1 month

12 List of senior Visiting Fellows, Adjunct faculty, Emeritus Professors : NIL

13 Percentage of classes taken by temporary faculty – programme-wise information

Year	Programme (UG/ PG)	No. of Adhoc (temporary) faculty engaged	Percentage of classes taken
2011-12	B. Pharmacy	05	100
2012-13		06	100
2013-14		09	100
2014-15		09	100

14 Programme-wise Student Teacher Ratio :

Year	Programme (UG/ PG)	Student-Teacher Ratio
2011-12	B.Pharmacy	16:1
2012-13	B.Pharmacy	18:1
2013-14	B.Pharmacy	20:1
2014-15	B. Pharmacy	20:1

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : NIL

16 Research thrust areas as recognized by major funding agencies : NIL

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise : NIL

18 Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration : NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : NIL

20. Research facility / centre with : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications: (Details vide Annexure-I)

Sl. No.	Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
1.	Number of papers published in peer reviewed journals:	02	03	06	07	06
a)	National	0	0	02	01	02
b)	International	2	03	04	06	04
2.	Monographs	-	-	-	-	-
3.	Chapters in Books	-	-	-	-	-
4.	Edited Books	-	-	-	-	-
5.	Text/ Reference books	-	-	-	-	-
6.	Number listed in International Database	-	-	-	-	-
7.	Citation Index – range / average	-	-	-	-	-
8.	Impact Factor – range / average	-	-	-	-	-
9.	h-index					

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated : NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : NIL

26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). : Annexure – 2

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects:  
B. Pharmacy Final Year -100%
  - percentage of students doing projects in collaboration with other Universities / industry / institute : Nil



29. Awards / recognitions received at the national and international level by

- Faculty : Nil
- Doctoral / post doctoral fellows : Nil
- Students : Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sl. No.	Name of the Seminar/ Conference/ Workshop organized	Name of the Director/ Co-Director	Funding Agency	Dates	Names of outstanding participants
1.	Emerging trends of research in Pharmaceutical Sciences	Prof. R. Sreenivasulu	UGC, NEW DELHI	30 <sup>th</sup> and 31 <sup>st</sup> March 2012	Dr.MNA Rao GM,R&D, Divis Labs, Hyd. S. Ramakrishna, Principal Scientist, IICT, Hyd
2.	Recent Advances in Pharma Research	Prof. K. Hussain Reddy	UGC, NEW DELHI	14 <sup>th</sup> & 15 <sup>th</sup> March 2014	<b>Dr.YVD Nageswar,</b> Chief Scientist, IICT, Hyderabad <b>Prof. KVSRG Prasad,</b> SPMVV, Tirupathi  <b>Dr. A. Veera Reddy,</b> Suven Life Sciences, Hyderabad

31. Code of ethics for research followed by the Departments:

No research programmes as yet.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG/PG programme					
2011-12	Admissions through state level EAMCET Exam (Convener)	18	25	60	65
2012-13		25	26	80	85
2013-14		27	24	85	90
2014-15		18	23	Results Awaited	

34. Diversity of students: Not Applicable

35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.  
NIL

36. **Student progression**

<i>Student progression</i>	<i>Percentage against enrolled</i>
UG to PG	50 Percent
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed - Campus selection	40 percent
Employed - Other than campus recruitment	10 percent
Entrepreneurs	-

36. **Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
Of the same University	
From other universities within the State	80
From universities in other states	20
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. **Present details of departmental infrastructural facilities with regard to**

- a) Library : Available
- b) Internet facilities for staff and students : Available
- c) Total number of class rooms : 04
- d) Class rooms with ICT facility : 02
- e) Students' laboratories : 06
- f) Research laboratories : 01

39. **List of doctoral, post-doctoral students and Research Associates: Nil**

- a) from the host institution/University
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the University : Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Discussed with Experts.
- Got approval from academic senate and EC of University

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
  - Alumni and employers on the programmes offered and how does the department utilize the feedback? NIL

43. List the distinguished alumni of the department (maximum 10)  
New College, Only first batch B. Pharmacy students passed out.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No.	Year	External experts invited	Programme organised
1.	2011-12	Dr. AVSS Prasad, Hetero Drugs Ltd. Hyd.	Guest Lecture
2.	2012-13	Dr. C.H. Praveen, Dr. Reddy's Labs, Hyd.	Special Lecture
3.	2013-14	<b>Prof. B. Nagaraju</b> , SPMVV, Tirupathi	Special lecture
4.	2014-15	<b>Dr. A. Veera Reddy</b> , Suven Life Sciences, Hydeabad, <b>Dr.YVD Nageswar</b> , Chief Scientist, IICT, Hyderabad	Special Lecture

45. List the teaching methods adopted by the faculty for different programmes.

- By writing on Boards
- By using Models
- By using OHP
- By using LCD

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Discussion/ Questioning
- Seminars/Group Discussion

47. Highlight the participation of students and faculty in extension activities.

- Blood Grouping Camp
- Swine Flu awareness Camp
- Distribution of homeo pills in villages
- Distribution of Clothes in the Old age home

48. Give details of "beyond syllabus scholarly activities" of the department.

- Celebration of Pharma Week
- Celebration Pharmacist Day
- Celebration of Science Day
- National Integration Day

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.  
College and courses approved by AICTE & PCI (Pharmacy Council of India)

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Industrial training
  - Participation in Seminars
  - Discussions/ Lectures by Experts

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

1. All faculty are qualified (M. Pharmacy)
2. Separate Building for Pharmacy Courses
3. Located in the University Campus
4. Sharing the University Facilities Like Library, Garden, Auditorium
5. LAN and Wi-Fi facilities

**Weaknesses:**

1. Adhoc Faculty
2. Inadequate equipment
3. Insufficient Lab Facility

**Opportunities:**

1. Good Employability (40% Passed out Students got jobs)
2. More Scope for higher studies, M.Pharmacy, Ph.D.

**Challenges :**

1. To have Research (Ph.D) programs
2. To get Projects funded by UGC, CSIR, DST
3. To get DST- FIST /UGC – SAP programs etc.,

52. Future plans of the department.

- To introduce Research Programmes ( Ph.D)
- To introduce Pharm. D Course

**Annexure-I: List of Publications by the Faculty**

**K.Vara Lakshmi Devi**

Sl. No	Title of the research paper	Name of the journal	Year
1.	Synthesis and biological evaluation of novel chalcone derivatives	J. of Pharmacy research	2011, 4(7)
2.	Synthesis and biological evaluation of different thiazine derivatives	J. of Pharmacy research	2011, 4(1)
3.	Synthesis and biological evaluation of novel cinnamic acid derivatives for antibacterial and antioxidant activities	International journal of chemical sciences	2011, 9(4)
4.	Isolation and insilico evaluation of artemisinin from ethanolic extract of Artemisia indica wild for antidiarrhoeal activity	Int. J. of Research in Pharma. education	2015, 5(4)

**K.Kranti Kumar**

Sl. No	Title of the research paper	Name of the journal	Year
1.	Solubility enhancement of poorly soluble gliclazide by solid dispersion method	International journal of Pharmakeia	2015 , Vol-(1): 1-31
2.	Formulation and evaluation of floating <i>in situ</i> gelling system of losartanpotassium	Der Pharmacia Lettre	2015, 7 (1): 98-112
3.	Formulation and Evaluation of Sustained Release Bilayer Tablets of Ramipril-7.5mg	Indian Journal of Novel Drug delivery	6(4), Oct-Dec, 2014, 341-350
4.	Formulation and evaluation of gastro retentive floating tablets of Famotidine	International Journal of Chemistry and Pharmaceutical Sciences	Vol.2 (11): 1314, 1322.2014
5.	Formulation and evaluation of ketaorolacTromethamine and Rabeprazole sodium bilayered matrix tablet-30mg&20mg	World Journal Of Pharmacy And Pharmaceutical Sciences	Volume 3, Issue 6,1070-1091.2014
6.	Formulation and Evaluation of Poorly Soluble Febuxostat Oro-dispersible Tablet	American Journal of Advanced Drug Delivery	[2014]191-202. 2013
7.	Formulation and evaluation of immediate release emtricitabine & tenofovirDisoproxilfumarate tablet	<i>Journal of drug discovery and therapeutics</i>	Volume 1 (9) 2013, 47-58
8	Formulation and in vitro evaluation of cefixime microspheres preparedMultiple emulsion technique	<i>Journal of drug discovery and therapeutics</i>	Volume 1 (9) 2013, 42-46

9	Formulation and evaluation of clopidogrel bisulfate immediate release tablets usp 75mg	International journal of pharmacy & technology	July-2013   vol. 5   issue no.2   5481-5504
10	Formulation and evaluation of bilayer matrix tablet of Pioglitazone hcl metformin hcl usp 15mg&500mg	Asian j Pharm clinical research,	Vol 6, supply 3, 2013,155-161
11	Rp-hplc method for the simultaneous estimation of <i>emtricitabine</i> , tenofovir and efavirenz in pharmaceutical dosage form	Journal of global trends in pharmaceutical sciences	Volume-2 issue-2 april-june 2011 [online]
12	Design and evaluation of pantoprazole delay release capsules	An international journal of advances in pharmaceutical sciences	Vol. 1 (2) november-december, 2010 issue 2010
13	Formulation and evaluation of diacerein cream	Asian journal of pharmaceutical and clinical research	Vol. 4, issue 2, 2011.
14	Formulation and evaluation of sustained release matrix tablets of isoniazid	International journal of pharmacy and technology	Dec-2010 vol. 2 issue no.4 page no :-1084-1097 2010
15	Design, development and characterization of sustained release of metformin and gliclazide bilayered tablets	International journal of bio pharmaceuticals	Issue 1(2): 67-71. 2010
16	Process validation of citalopram hydro bromide tablets	International journal of research in pharmaceutical and biomedical sciences	Issue 1 (2) oct - dec 2010
17	Preparation and evaluation of controlled release microcapsules of aceclofenac	Journal of pharmacy and research	Vol.3.issue-8.august 2010.
18	Formulation and evaluation of sustained release matrix tablets of baclofen	Journal of chemical and pharmaceutical sciences	3 issue-2 april - june 2010
19	Design and evaluation of multi particulate system of extended release indomethacin capsules usp	Research journal of pharmaceutical, biological and chemical sciences	October - December 2010 issue 1(4) page no.74

**K.Swaroop Rani**

Sl. No	Title of the research paper	Name of the journal	Year
1.	Isolation and insilico evaluation of artemisinin from ethanolic extract of <i>Artemisia indica</i> wild for antidiarrhoeal activity	Int. J. of Research in Pharma. education	2015, 5(4)

**V.Rajani**

Sl. No	Title of the research paper	Name of the journal	Year
1	Isolation and insilico evaluation of artemisinin from ethanolic extract of Artemisia indica wild for antidiarrhoeal activity	Int. J. of Research in Pharma. education	2015, 5(4)

**D.Jyosna**

Sl. No	Title of the research paper	Name of the journal	Year
1.	Process development and Standardisation of carvedilol tablets 3.125mg during technology transfer.	Int. J. of Pharmacy & biological sciences	2012, 2(3)
2.	Improve oral bioavailability of aceclofenac using solid dispersions by dropping method.	Int. J.of Pharmaceutical, Biological and chemical sciences	2012, 1(2)
3.	Simple, Sensitive, specific liquid chromatographic method for the analysis of valgancyclovir bulk and its formulation	Indo American J. of Pharmaceutical Sciences	2014, 4(2)
4.	Multiparticulate drug delivery systems using natural polymers as release retardant materials	Int. J.of pharmacy and pharmaceutical sciences	2014, 6(10)
5.	Isolation and charecterisation of mucilage from the fruit pulp of feronialimonia	International research j.of pharmacy	2015, 6(7)



**Centre for the Study of  
Social Exclusion and Inclusive Policy (CSSEIP)**

1. Name of the Department : Centre for the Study of Social Exclusion and Inclusion Policy (CSSEIP)
2. Year of establishment : 2008
3. Is the Department part of a School/Faculty of the University? No, But, the M.Phil. course offered by the Centre falls under Faculty of Social Sciences.
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : M.Phil.
5. Interdisciplinary programmes and departments involved -----
6. Courses in collaboration with other universities, industries, foreign institutions, etc. ----
7. Details of programmes discontinued, if any, with reasons -----
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System -----
9. Participation of the department in the courses offered by other departments ----
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

**XII Plan period**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor-cum-Director	1	-	-
Reader-cum-Deputy Director	2	-	-
Lecturer- cum-Asst. Director	3	2	2
<b>Others</b>			
Research Associate	2	1	1
Research Assistant	2	2	2
Professional Assistant	1	1	1
Data Entry Operator	2	2	2
Library Attendant	1	1	1
Attendant	1	1	1

**XI Plan Period (upto 31-03-2012)**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor-cum-Director	1	-	-
Reader-cum-Deputy Director	2	-	-
Lecturer- cum-Asst. Director	3	3	3
<b>Others</b>			
Research Associate	2	2	2
Research Assistant	2	2	2
Professional Assistant	1	1	1
Data Entry Operator	2	2	2
Library Attendant	1	1	1
Attendant	1	1	1

**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research under Guidance**

**Director-in-charge**

<i>Sl. No</i>	<i>Name</i>	<i>Designation</i>	<i>Period</i>
1.	Prof.G.Sreedhar	Director i/c	11-09-2014to Till date
2.	Prof.M.JayaRaj	Director i/c	15-07-2013 to 11-09-2014
3.	Prof.G.Satyanarayana	Director i/c	26-11-2011 to 15-07-2013
4.	Pfor.Dr.M.JayaRaj	Director i/c	30-10-2010 to 26-11-2011
5.	Prof.Dr.C.H.Umamohan	Director i/c	28-06-2008 to 30-10-2010

**Faculty Profile: XII Plan**

<i>Name</i>	<i>Qualifi-cation</i>	<i>Designa-tion</i>	<i>Specialization</i>	<i>No. of Years of Experience</i>	<i>Remarks If any</i>
Dr.D.Sreenivasa Rao	M.A., M.Phil, Ph.D.	Lecturer-cum-Asst. Director	Agriculture Economics	Eight Years of Research Experience as a PDF (2009-2014) & Project Fellow (2005-2008) under UGC. And five years of Teaching Experience as a PDF at P.G. level.	-
Dr.K.Venkata Reddy	M.A., B.Ed M.Phil., Ph.D	Lecturer-cum-Asst. Director	Rural Development	Three years of Experiences as Lecturer-Cum - Assistant Director in CSSEIP S.K. University, ATP. (2009-12)	-

**Sri Krishnadevaraya University, Ananthapuramu**

Dr.M.Usha Rani	M.A., M.Phil., Ph.D.,	Research Associate	Agriculture Economics	3years of Experiences as Research Associate,in CSSEIP S.K.University ATP(2009-12)	-
B.Padmavathi	M.A., (M.Phil)	Research Assistant	-	2Years and Six Months of Research experiences as Field Investigator in CESS,Hyd.(2008-10)	-
Dr.B.Konda Reddy	M.A., Ph.D.,	Research Assistant	Administration of Health Schemes	6Months experience of asPDF(1.8.13to 10.02.14), 6Months(2006) of Research experiences as Investigator CESS, Hyd.	-
T.Krishna Reddy	M.L.I.Sc. (Ph.D) M.A (Telugu) M.A.(R.D), B.L.B.Ed	Professional Assistant	Library & Information Science	Three years of Experiences as Professional Assistant, in CSSEIP S.K.University, ATP (2009-12)	-
B.Narmada	B.Tech (IT)	Data Entry Operator	Computers	-	-
G.Prashanth Reddy	M.C.A	Data Entry Operator	Computers	One Year and Two months of experience as a Accountant in P.V.K.R & Associate in Hyd.	-
M.Varalakshmi	B.A, B.Ed	Attendant	-	-	-
B. Ashok Kumar	M.A. (P.hD)	Library Attendant	Journalism in Telugu	-	-

**Faculty Profile: XI Plan(upto 31-03-2012)**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No .of Years of Experience</i>	<i>Remarks, If any</i>
Dr.D.Uma Devi	M.A., Ph.D	Lecturer-cum-Asst. Director	Adult Education	S.V.University, Tirupathi, UGC Research Associate, Teaching Assistant etc.,	-
Dr.D.Sujatha	M.A., M.Phil, Ph.D	Lecturer-cum-Asst. Director	History	University of Hyderabad , UGC PDF for SC/ST	-
		Lecturer-	Rural	-	-

Dr.K.Venkata Reddy	M.A., B.Ed, M.Phil, Ph.D	cum-Asst. Director	Develop- ment		
Dr.M.Usha Rani	M.A., M.Phil ., Ph.D.,	Research Associate	Agricultur e Economics	-	-
Dr.K.Rani	M.A., M.Phil ., Ph.D.,	Research Associate	Sociology	Co-ordinator, VELUGU Project	-
B.K.Kavitha	M.A.,	Research Assistant	-	-	-
C.Sreegowri latha	M.A.,	Research Assistant	-	-	-
T.Krishna Reddy	M.L.I.Sc. (Ph.D), M.A(Tel) M.A(R.D) B.L., B.Ed.	Profession al Assistant	Library & Informatio n Science	1.Worked as Technical Asst. Dravidian University ,Kuppam (1Year). 2.Worked as Professional Assistant University Library ,S.K.University, Anantapur . (1Year)	-
M.Uma Devi	B.A., PG DCA Type- writing Eng & Telug Higher.	Data Entry Operator	-	Six Years experience U.G.Examination s (Contract basis). S.K.University, Anantapur.	-
Venkata Lakshmi	B.A., PGDCA Typewriting English Lower.	Data Entry Operator	-	One year experience Neocity Technologies Pvt. Ltd. Hyderabad.	-
D.Thejaswini	Inter-mediate ,	Library Attendant	-		-
Bhagya Lakshmi	10 <sup>th</sup> Class	Attendant	-		-

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors: -

13 Percentage of classes taken by temporary faculty – programme-wise information --

14 Programme-wise Student Teacher Ratio ----

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

**XII Plan**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
<b>Technical Staff</b>			
Data Entry Operator	2	2	2
<b>Administrative Staff</b>			
Professional Assistant	1	1	1
Library Attendant	1	1	1
Attendant	1	1	1

**XI Plan(upto 31-03-2012)**

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
<b>Technical Staff</b>			
Data Entry Operator	2	2	2
<b>Administrative Staff</b>			
Professional Assistant	1	1	1
Library Attendant	1	1	1
Attendant	1	1	1

16 Research thrust areas as recognized by major funding agencies ---  
**Social Exclusion and Inclusive Policy : UGC**

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

<i>Name of the Faculty</i>	<i>Funding Agency</i>	<i>Project Title</i>	<i>Grant Received (Rs.)</i>	<i>Period</i>	<i>Status</i>
Dr.D.Uma Devi (Major Research Project)	UGC	Implementation of Right to education bill) Constraints and compatibilities of education among primitive tribal girls : A comparative study of AP & Kerala	5,01,000	2010-2011	Completed
Dr.MUsha Rani (Minor Research Project)	UGC	Social exclusion and wage disparities : A study on dalit women agricultural labour	1,20,000	2010-2011	Completed
Dr.D.Sujatha (Major	UGC	Women trafficking in Rayalaseema Region	5,73,700	2009-2010	Completed

Research Project)					
Dr.D.Uma Devi (Minor Research Project)	UGC	Impact of the Continuing Education Programme in Social Transformation among Marginalized Sections: A Case Study of Anantapur District	95,000	2009-2010	Completed
Dr.K.Venkatareddy (Minor Research Project)	UGC	Rural marketing : Causes and consequences of exclusion of farmers	37,000	2009-2010	Completed
Dr. K. Rani (Minor Research Project)	UGC	Neighborhood committees and slum dwellers : A study of social exclusion and inclusion in Anantapur district	95,000	2009-2010	Completed
B.K. Kavitha (Minor Research Project)	UGC	Women migrants in a drought prone region: A micro study on social exclusion and inclusion	1,00,000	2009-2010	Completed
T Krishna Reddy (Minor Research Project)	UGC	Documentation of research study on social exclusion and inclusive policy in South India	1,20,000	2009-2010	Completed

18. Inter-institutional collaborative projects and associated grants received : NIL
  - a) National collaboration
  - b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
20. Research facility / centre with NIL
  - State Recognition
  - National Recognition
  - International Recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

**22. Publications: (Details VideAnnexure I)**

**XII Plan**

<i>Particulars</i>	<i>2013-14</i>	<i>2014-15</i>
Journals	2	8
Monographs	-	-
Chapters in Books	-	-
Paper in Edited Books	-	-
Books Nationals	-	-
Books Internationals	-	-
Citation Index- range / average	-	-
SNIP	-	-
SJR	-	-
Impact Factor- range / average	-	-
h-index	-	-

**XI Plan(upto 31-03-2012)**

<i>Particulars</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>
Journals	3	6	9
Monographs	-	-	-
Chapters in Books	-	-	-
Paper in Edited Books	-	2	1
Books Nationals	4	7	-
Books Internationals	-	-	1
Citation Index- range / average	-	-	-
SNIP	-	-	-
SJR	-	-	-
Impact Factor- range / average	-	-	-
h-index	-	-	-

23. Details of patents and income generated -----

24. Areas of consultancy and income generated -----

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad ----

26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) -----



27. Faculty recharging strategies (UGC, ASC, Refresher /orientation programs, workshops, training programs and similar programs).

Three were conducted during Assessment Year.

28. Student projects ----

- a percentage of students who have done in-house projects including inter-departmental projects ---
- b percentage of students doing projects in collaboration with other universities industry / institute ----

29. Awards / recognitions received at the national and international level by -

- a Faculty ----
- b Doctoral / post doctoral fellows ----
- c Students ---

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Sl. NO	Title	Date/Month & Year	National/ International
1.	Status of Women in Higher Education: Policies and Perceptive	6 <sup>th</sup> & 7 <sup>th</sup> March 2012	National Seminar (Sponsored by APSCHE)
2.	Capacity Building of Women Managers in Higher Education	8 <sup>th</sup> to 12 <sup>th</sup> February 2011	National Workshop (Sponsored by UGC)
3.	Advocacy – Strategies/Methods on Human Rights Social Exclusion and Inclusion	5 <sup>th</sup> & 6 <sup>th</sup> October 2009	National Workshop
4.	Social Exclusion and Inclusive Policy : Regional Dimensions	11 <sup>th</sup> November 2008	National Workshop

31. Code of ethics for research followed by the departments:

- Avoiding plagiarism
- Obtaining permission from authors before quoting any information
- Acknowledging the sources properly
- Use of data collected from the respondents strictly for research purpose

32. Student profile programme-wise: Not Applicable

33. Diversity of students: Not Applicable

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression Not Applicable

**36. Diversity of staff**

<i>Percentage of faculty who are graduates</i>	
of the same University	<b>80%</b>
from other universities within the State	<b>20%</b>
from universities from other States from	-
universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period ---

38. Present details of departmental infrastructural facilities with regard to

a) Library	-	<b>Books-586 ,Journals-8</b>
b) Internet facilities for staff and students	-	<b>YES</b>
c) Total number of class rooms	-	-
d) Class rooms with ICT facility	-	-
e) Students' laboratories	-	-
f) Research laboratories	-	<b>Nil</b>

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/ University -
- b) from other institutions/universities -

40. Number of post graduate students getting financial assistance from the University.-

41. Was any need assessment exercise undertaken before the development of new programme (s) ? If so, highlight the methodology. **NA**

42. Does the department obtain feedback from **NA**

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10) ---

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<b>Sl. No.</b>	<b>Name of the Senior Visitors</b>	<b>Designation</b>	<b>Topic of Lecture</b>	<b>Month &amp; Year</b>
1	Prof. M.G. Basava Raja	Department of Economics, Mysore University, Mysore	The strategies for inclusion of the socially excluded into the developmental stream	12-03-2012
2	Dr.N.Padmanabhan	Professor, Bharatiar University, Coimbatore	Causes and consequences of the participation of women in higher Education	06.03.2012
3	Dr.Girakhnth Kamble	Reader, Shivaji University, Kolhapur	Importance of higher education among the women	06.03.2012
4	Prof.KPrathap Reddy	Department of Economics, Osmania University, Hyd	The concepts of social exclusion and inclusive policies	01-03-2012
5	Prof. G. Pakki Reddy	Director, AP Agriculture Bio-tech Funded by the Govt.ofNetharland, Hyderabad	Delivered Extension Lecture to the staff of the Centre	27-02-2012
6	Dr.Rani George	Associate Prof. St.Anns College, Hyd.	Managing Personal and Professional Roles	10.02.2011
7	Prof.Suseela Kaushik	Professor	Women and Governance	08.02.2011
8	Prof.Ganta Chekrapani	Dept. of Sociology, Dr.BR Ambedkar Open University, HYd.	Lecture on Dalits movement and Social Exclusion Practices	29.3.2010
9	Prof.P.Adinarayana Reddy	Director, Dept. of Adult &Continuing Education, S.V.University, Tirupati	Lecture on Research Methodology	21.3.2010
10	Mr.Anand Teltumde (Son-in-law of Dr.BR Ambedkar)		Lecture on Dalits movement and Inclusive Democracy	20.2.2010

45. List the teaching methods adopted by the faculty for different programmes. ---
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? ----
47. Highlight the participation of students and faculty in extension activities.----
48. Give details of “beyond syllabus scholarly activities” of the department.----
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
Developed Composite Index of Development at Mandal level for Rayalaseema Districts.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

1. Active participation in Research Projects.
2. Involvement in Guiding M.Phil scholars.
3. Conducted 15 Micro Level Studies, interdisciplinary in nature.
4. The Centre has organized Four Workshops/National Seminars.
5. Good number of Publication by Faculty.

**Weaknesses**

1. No permanent Building /Space for the Centre
2. No permanent Director/Deputy Directors.
3. Delay in the Rerelease of Funds by the UGC.
4. Tenurial appointments
5. Inadequate funding for Research.

**Opportunities**

1. Lot of Potential to carry out studies on excluded sections, as there are several gaps in this area.
2. Conduct research programmes leading to M.Phil/Ph.D Degree possibility to.
3. The centre may conduct short-term research projects.
4. The center may conduct Research Methodology courses and capacity buildings programmes for NGOs and Teaching faculty in various colleges/Universities.
5. The centre may start a Journal of Social Exclusion and inclusive Policy.

**Challenges**

1. Inadequate financial resources for infrastructure and Equipment.
2. Lack of Funding support for Micro level research projects.
3. The mechanism for publication of working papers/Monographs.
4. Uncertainty about continuation of centre.

52. **Future plans of the Centre**

1. Formulating policies for protecting the rights of Socially Excluded Groups and eradicating the problem of exclusion and discrimination.
2. To Develop the Centre to a full-fledged Research and Academic Centre
3. To Offer M.A., Programme, M.Phil., and Ph.D in Social Exclusion and Inclusive Studies.
4. Publication of the Journal of Social Exclusion and Inclusive Studies

**Annexure-I**

**List of Research Publications by the Faculty During 2009-2015**

**XII Plan Period**

**Dr.D.SreenivasaRao (Lecturer-cum-Asst. Director)**

**List of Papers Published in Journals**

1. A paper entitled "Changes in Employment and Income of Farmers through watershed Programme – A Case Study.", Published in *International Journal of Multidisciplinary Advanced Research Trends*, Vol.II, Issue-V, June 2015, Pp: 97-111, ISSN:2349-7408.

**Dr.M.Usha Rani (Research Associate)**

**List of Papers Published in Journals**

1. A paper entitled "Financial inclusion through RRBs", Published in *International Journal for Research Development*, Vol.4,Issue, Sept-Oct 2015, Pp: , ISSN: 2321-3434.
2. A paper entitled "Effect of various Government Policies and Programmers on Inclusion of Rural poor", Published in *International Research Journal of Management Sociology and Humanities*, Vol.6,Issue,5,May, 2015, Pp: , ISSN: 2348-9359.
3. A paper entitled "Social Exclusion of Rag pickers", Published in *International Journal for Research Development*, Vol.3,Issue,6,March-April, 2015, Pp:55-56, ISSN: 2321-3434.
4. A paper entitled "Empowerment of Rural Women through MGNREGS", Published in *Journal for Research Extension and Development*, Vol.3,Issue-5,Jan, 2015, Pp:53-55, ISSN: 2319-1899.
5. A paper entitled "Inclusion of Rural Women Through SHGs", Published in *International Research Journal of Management Sociology and Humanities*, Vol.5, Issue.6-October, 2014, Pp:16-25, ISSN: 2348-9359.
6. A paper entitled "Social exclusion and Rural Sanitation", Published in *International Research Journal of Management Sociology and Humanities*, Vol.5, Issue-9.September,2014, Pp: 9-15, ISSN: 2348-9359.

**B.Padmavathi (Research Assistant)**

**List of Papers Published in Journals**

1. Designing Financial Inclusion Programme for Women : An Overview *International Journal for Research and Development* . Vol.2, No.6, March-April 2015, Page No:67, ISSN : 2321-3434.
2. Status of Women in India: An overview, *Journal of Research, Extension and Development* ) . Vol.3, No.7, March 2015, Page No:68, ISSN : 2319-1899.

**Dr.B.Kondareddy (Research Assistant)**

**List of Papers Published in Journals**

1. Prioritization of Macro Watersheds in Anantapur District of Andhra Pradesh (Research Extension and Development) Vol.3,No.6, February2015, ISSN :2319-1899.
2. The Role of Women in Natural Resource Management (Research Extension and Development), Vol.3, No.5, January2015, ISSN:2319-1899.
3. Inclusion of Scheduled caste Through Development Programmes : A case study ( Research Dimension ) Vol.2, No.9 , March 2015 ,ISSN-2249-3867.

**Dr. D. Uma Devi (Lecturer -cum-Assistant Director)**

**List of Papers Published in Journals**

1. A study of the vocational education preferences and interests of the Indian undergraduate students – Bulgarian Journal of Science and Education Policy (BJSEP), Volume 5, No 1, 2011, pp. 94-114 (<http://bjsep.org/getfile.php?id=91>)
2. Work participation among women in Andhra Pradesh - Women and work participation: Status and training opportunities edited by P. Adinarayana Reddy, BSMD Raju, R.B. Satyavathi, Sonali Publications, New Delhi. 2011, pp. 197-201
3. Training opportunities for women to promote their work participation - Women and work participation: Status and training opportunities edited by P. Adinarayana Reddy, BSMD Raju, R.B. Satyavathi, Sonali Publications, New Delhi. 2011, pp. 99-111
4. Strategies for employability of student in higher education – Adult Education and Development, Vol. 27, No. 1- 2, Jan- April, 2011
5. National policy on older persons : a critical review – Ageing, the global phenomena: Issues and strategies edited by P. Adinarayana Reddy, D, Uma Devi & N. Harinath, Sonali publications, New Delhi, 2010.
6. Continuing education for human resource development – Human resource development edited by D. PullaRao, Sarup and Sons, New Delhi, 2010.
7. Professionalization of lifelong learning in Indian universities – Teachers and Trainers in adult and lifelong learning : Asian and European perspectives edited by Regina Egetenmeyer, EkkehardNuissl, Peter Lang InternationalerVerlag der Wissenschaften, Frankfurt, 2010.
8. Education of the tribal children as perceived by the community members – Indian journal of adult education, New Delhi, Vol. 72, No. 1, January- March, 2011, pp. 75-87.
9. Emerging trends in women's participation in developmental process – Adult Education and Development Vol. 26, No. 3-6, May – Dec. 2010, Kokatta, pp. 22-26.

**List of Books Published**

1. Education of The Scheduled Castes Participation and Performance -The Associated Publishers, AmbalaCantt, 2009, ISBN-81-8429-086-1/9788184290868.
2. Inclusion of The Excludes in Education Status and Perceptions of Scheduled CastesTowards Education- Saup Book Publishers Pvt.Ltd, NewDelhi,2009, ISBN-978-81-7625-960-6/8176259608.
3. Science and Technology for Rural Development- The Associated Publishers, AmbalaCantt, 2009, ISBN-81-8429-094-2/9788184290943.
4. Rural Infrastructure and Development- SonaliPublications , NewDelhi,2010, ISBN-978-81-8411-253-5.
5. Tribal Education Problems and Strategies- SonaliPublications , NewDelhi,2010,ISBN-978-81-8411-273-3.
6. Education of the tribal children : Constraints and strategies, - Sarup Book Publications PVT Ltd., New Delhi, 2010,ISBN. – 978-81-7625-685-8 .

7. Ageing : The Global Phenomena Issues and Strategies –Sonali Publications, New Delhi, 2010, ISBN . – 978- 81-8411-254-2.
8. Social transformation through Continuing Education – Discovery Publishing House, New Delhi.2011
9. Indian rural villages : A profile – Sonali publications, New Delhi, 2010.
10. Tribal education : A study – Sarup and sons, New Delhi 2010.
11. Tribal girls education : contours and strategies – Sarup and Sons, New Delhi, 2010.

**Dr. D. Sujatha (Lecturer –cum-Assistant Director)**

**List of Papers Published in Journals**

1. Translation of parts of the Parliamentary debates on Hindu code Bill Ambedkar's Writings and Speeches from English to Telugu - the Peoples Trust of India, Hyderabad,2009
2. Continuity and Change in the Worship of Local Goddesses: A Study on the Beliefs and Customs of the Marginal Communities of Coastal Andhra - Dalits and Religion edited by MuraliManohar, Atlantic Publishers, New Delhi 2010
3. Commentary on Dalit Women's representation in women reservation Bill - BHOOMIKA, women's Magazine 2010

**List of Books Published**

1. Beliefs, Myths and Life": A Study on the Socio Religious History of Dalits in Coastal Andhra, accepted by B.K Publications, New Delhi,2011.

**Dr. K. Venkata Reddy (Lecturer –cum-Assistant Director)**

**List of Papers Published in Journals**

1. Title "Continuing Education and lifelong learning trends" - Journal Title "Research and Reflection on Education,2012, ISSN : 2230-7850
2. Title "The concept of lifelong learning" - Journal Title "Research and Reflection on Education,2012, ISSN: 0974-648
3. Title "Impact of Adult education on Women Empowerment" - Journal Title "Research and Reflection on Education,2012, ISSN : 0974-648

**List of Books Published**

1. .Social movements in India - Mangalam publications Delhi-110053 (India),2009, ISBN 978-93-80013-17-6



**Dr.M.Usha Rani (Research Associate)**

**List of Papers Published in Journals**

1. Title: Rural Women Empowerment through Pavalavaddi Loans under SHG's Bank linkage programme Editor: Prof.V.Redappa Reddy Sri Krishnadevaraya University, Anantapur,2012.
2. Factor product relationship of chilies crop in Andhra Pradesh Editor: Prof.K.SathyaNarayana Reddy Yogi Vemanna University.
3. An economic analysis of onion production in Andhra Pradesh – economic models in agriculture, edited by K. Satyanarayana Reddy, Serials Publications,2010, New Delhi pp. 26-38.
4. Determining of female agriculture wages – economic models in agriculture, edited by K. Satyanarayana Reddy, Serials Publications,2010, New Delhi pp. 26-38.

**List of Books Published**

1. Book titled "Production Responses of Commercial Crops: A Statistical Analysis in different region of Andhra Pradesh., published in LAP LAMBERT Academic Publishing GfH&co.KG, Heinrich-Böcking-Str.6-8,66121, Saarbrücken,Germany,2012, ISBN 978-3-659-12451-8. (International Publication)

**Papers Published in Edited Books**

1. *Women empowerment through pavalavaddi loans*, Edited Book titled "Rural Glory, Dr.Y.S.Rajashaker Reddy's Vision and Policies for and Contribution to Rural Development in Andhra Pradesh", *Diksuchi Publications*, Anantapur, 2012, Pp.231-2368. ISBN 978-81-910396-2-7.
2. *An Econometric Analysis of Onions Production in Andhra Pradesh*, Edited Book titled "Econometrics Models in Agriculture", *Serials Publications*, New Delhi, 2010, Pp.26-38. ISBN 978-81-8387-367-3.
3. *Determinants of Female Agricultural Wage: Anantapur*, Edited Book titled "Econometrics Models in Agriculture", *Serials Publications*, New Delhi, 2010, Pp.39-55. ISBN 978-81-8387-367-3.

## Women Studies Centre (WSC)

1. Name of the Department : Women Studies Centre (WSC)
2. Year of establishment : 2008
3. Is the Department part of a School/Faculty of the University? No
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) ----
5. Interdisciplinary programmes and departments involved ----
6. Courses in collaboration with other universities, industries, foreign institutions, etc. ----
7. Details of programmes discontinued, if any, with reasons ----
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System ----
9. Participation of the department in the courses offered by other departments
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

### Details of XII<sup>th</sup> Plan

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual (including CAS &amp; MPS)</i>
Professor	1	--	--
Associate Professors	--	--	--
Asst. Professors	1	--	--
<b>Others</b>			
Research Associate	1	1	1
Research Assistant	1	1	1
Professional Assistant	1	1	1
Data Entry Operator	1	1	1
Attendant	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

### Directors In Charge

<i>Sl. No.</i>	<i>Name</i>	<i>Designation</i>	<i>Period</i>
1.	Prof. A. Krishna Kumari	Director i/c	31-01-2015 to Till date
2.	Prof. B. Sobha Rani	Director i/c	14-08-2010 to 30-01-2015
3.	Prof. B. Anitha	Director i/c	20-02-2010 to 13-08-2010

**(Faculty Profile - XII Plan)**

<i>Name</i>	<i>Qualification</i>	<i>Designation</i>	<i>Specialization</i>	<i>No. of years of Experience</i>	<i>Remarks if any</i>
Dr. (Mrs.). M. Kalpana Krishnaiah	M.A. (Soc – Gold Medal), MPhil., Ph.d., NET (UGC-Soc)., M.A. (ENG),	Research Associate	Sociology, Gender Study and Study on Disadvantaged	15 years Research Experience & 7 years of teaching experience as a counsellor in BRAOU Study Centre, Govt. Degree College for Men, ATP. B.A. II year.(EM).	--
N. Kalpana Kumari	M.A. Philosophy(1 <sup>st</sup> Rank), M.A. Adult Education, M.A. Telugu, M.A. (Eng), M.Ed., P.G. Diploma in English Language &	Research Assistant	Indian Philosophy of Education with special reference to Mahatma Gandhi	5 years Research Experience & 1 year teaching experience as a Telugu Lecturer in D.Ed College.	--
G. Usha Rani	M.A. Telugu, M.L.I.Sc.	Professional Assistant	Library & Information Science	5 Years	--
A. Hemavathi	M.C.A.	Data Entry Operator	Master of Computer Applications	1 Year 8 Months	--
M. Varalakshmi	S.S.C.	Attendant	--	7 years	--

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors ---

13 Percentage of classes taken by temporary faculty – programme-wise information ---

14 Programme-wise Student Teacher Ratio ---

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual ---

<i>Designation</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Actual ( including CAS &amp;MPS)</i>
<b>Technical Staff</b>			
Data Entry Operator	<b>1</b>	<b>1</b>	<b>1</b>
<b>Administrative Staff</b>			
Professional Assistant	<b>1</b>	<b>1</b>	<b>1</b>
Attendant	<b>1</b>	<b>1</b>	<b>1</b>

- |     |  |
|-----|--|
| 16  | Research thrust areas as recognized by major funding agencies ---<br>Women Studies: UGC  |
| 17  | Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. --- |
| 18  | Inter-institutional collaborative projects and associated grants received ---<br>a) National collaboration b) International collaboration  |
| 19  | Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil  |
| 20  | Research facility / centre with : Nil<br><ul style="list-style-type: none"> <li>▪ State recognition</li> <li>▪ National recognition</li> <li>▪ International recognition</li> </ul>                                  |
| 21. | Special research laboratories sponsored by / created by industry or corporate bodies ---   |
| 22. | Publications: (Details Wide Annexure - I)  |

## XII th Plan

Particulars	2013-14	2014-15
Journals	1	9
Monographs	-	-
Chapters in Books	-	-
Edited Books	-	4
Books Nationals	-	-
Books Internationals	-	1
Citation Index – range / average	-	-
SNIP	-	-
SJR	-	-
Impact Factor – range / average	-	-
h-index	-	-

23. Details of patents and income generated ---
24. Areas of consultancy and income generated ---
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad ----
26. Faculty serving in  
 a. National committees b) International committees c) Editorial Boards d) any other (please specify) ---
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). ---

28. Student projects **09 (Details vide Annexure - II)**

- percentage of students who have done in-house projects including inter-departmental projects
  - percentage of students doing projects in collaboration with other universities / industry / institute
29. Awards / recognitions received at the national and international level by ---
- Faculty ---
  - Doctoral / post doctoral fellows ----
  - Students ----
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sl. No.	Title	Date/Month & Year	National/ International
1.	Rural Women – Inspiring Change	26 <sup>th</sup> – 27 <sup>th</sup> September 2014	National Seminar (Sponsored by UGC).
2.	Women Empowerment – Retrospect and Prospect	27 <sup>th</sup> – 28 <sup>th</sup> September 2012	National Seminar (Sponsored by UGC).

31. Code of ethics for research followed by the department:
- Avoiding Plagiarism
  - Acknowledging the sources
  - Obtaining permission from authors before using information
  - Use of data collected from respondents strictly for research purpose
32. Student profile programme-wise: Not Applicable
33. Diversity of students: Not Applicable

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.  
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35. Student progression **Not Applicable**

36. Diversity of staff

<i>Percentage of faculty who are graduates</i>	
Of the same University	80%
from other universities within the State	20%
from universities from other States from	---
From Universities outside the Country	---

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period  
---

38. Present details of departmental infrastructural facilities with regard to

- a) Library -----
- b) Internet facilities for staff and students : **YES.**
- c) Total number of class rooms ----
- d) Class rooms with ICT facility ----
- e) Students' laboratories ----
- f) Research laboratories ----

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/University ---
- b) from other institutions/universities ---

40. Number of post graduate students getting financial assistance from the University.  
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41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. ---

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? ----
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? ----
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? ----

43. List the distinguished alumni of the department (maximum 10) ----

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. ----

45. List the teaching methods adopted by the faculty for different programmes. ---
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? ----
47. Highlight the participation of students and faculty in extension activities. ---
48. Give details of “beyond syllabus scholarly activities” of the department. ---
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. ----
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. ----
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths**

1. Work culture to achieve the set goals by the faculty
2. Active research on Women related topics since its inception in the 12<sup>th</sup> plan.
3. Completed **14** Minor research projects.
4. Published **13** research articles in various Books and Journals.
5. Conducted **2** National Seminars.

#### **Weaknesses**

1. No permanent Building/Space for the Centre.
2. No permanent Teaching faculty such as Director and others.
3. Lack of sufficient funds to run the Centre.
4. Lack of Infrastructure facilities.

#### **Opportunities**

1. Platform to serve Women Folk.
2. The Centre being primarily oriented towards research, there is an ample scope for Research on various problems and issues pertaining to women.
3. There is also greater scope for gender sensitization awareness building and dissemination of information about empowerment initiatives.
4. The Centre has greater responsibility in carrying out extension and outreach programmes to make women more sensitized and development conscious. It has to function as a watch dog against violence and atrocities perpetuated on women and raise voice against any attempt to undermine women.
5. The Centre also has immense scope in documenting success stories to inspire other women.



**Challenges:**

1. To develop the budding Centre to a full fledged Research and Academic Centre.
2. Introduction of M.A. Women Studies Course
3. Strengthening of Research on Women oriented fields.
4. Inadequate funding for field studies

**52. Future plans of the Centre**

1. To develop the budding Centre into a full-fledged Research and Academic Centre.
2. Introduction of M.A. in Women Studies Course in the curriculum.
3. Strengthening of Research on Women oriented fields.

**Annexure – I: List of Research Publications by the Faculty**

**Dr.(Mrs.) M. Kalpana Krishnaiah ( Research Associate)**

1. **“Social Status of Women in Urban Unorganised Sector”** ( A Case Study on Women Indulging In Petty Business In Ananthapuram Town of Andhra Pradesh), International Journal of Psychology and Education (IJPE), Vizianagaram, ISSN – 2321 – 8606.
2. **“Women in Urban Uorganised Sector”** ( A Case Study on Women Indulged in Petty Business in Ananthapuram Town of Andhra Pradesh)”, **Indian Journal of Commerce and Management (IJOCAM)**. Volume 2 issue 4, August 2015, ISSN-2348-4934(p). 2348-6325(o).Pg.No. 170-178.
3. **“Attitude of Women Police in Ananthapuramu District of Andhra Pradesh”**, International Journal of Arts, Humanities & Social Science, Volume 2 Issue 3, Year 2015, ISSN NO: 2348-4349. Pg.no.:1-16.
4. **“Child Sex Ratio in Ananthapuramu District in Andhra Pradesh”**, International Journal of Multidisciplinary Educational Research, Volume 4, Issue 6(1), June 2015.
5. **“Women In Khaki”** ( A Study on Socio Economic Condition of Women Police in Ananthapuramu District). **IJMER, International Journal Of Multidisciplinary Empirical Research Vijayawada**, Andhra Pradesh – India, Vol. II, Issue 1, March 2015, Page No. 90-101, ISSN: **2349 – 9656**.
6. **“Domestic Violence in Ananthapuramu – A Case Study”**, published by **Rishi publications, International Journal of Multi disciplinary Advanced Research Trends. (IJMART)**, Vijaywada, Andhra Pradesh - India. Vol. 1, Issue 2 September 2014. Pg no-37-52. Editor- Dr. S. Bhanu Babasaheb, Visakhapatnam, Andhra Pradesh, India, ISSN: **2349 - 7408**. email: [editor.ijmart@gmail.com](mailto:editor.ijmart@gmail.com), [www.ijmart.in](http://www.ijmart.in).
7. **“Educational Attainment of Rural Women in Ananthapuram**, (A Micro Survey on Rural Women in Itukalapalli), **International Journal of Academic Research (IJAR)**, [drtvramana@yahoo.co.in](mailto:drtvramana@yahoo.co.in), [ijar.editor@yahoo.com](mailto:ijar.editor@yahoo.com), [www.ijar.org.in](http://www.ijar.org.in) ISSN:**2348-7666**(Book).pg.no:89-94.
8. Published Article on Topic **“Suicides of Women in Anantapur District”** in International Research Journal of Management Sociology and Humanity (**IRJMSH**) Vol 5 Issue 7 [Year 2014] ISSN 2277- 9809 (Online) 2348-9359(Print) [www.irjmsh.com](http://www.irjmsh.com) pg.no.:249-258.

**List of Books Published:**

1. **WOMEN IN KHAKI UNIFORM** (A Study On Socio-Economic Condition Of Women Police In Rayalaseema Region Of Ananthapuramu District In Andhra Pradesh) , Accepted : Author : Dr. (Mrs.) M. Kalpana Krishnaiah, Research Associate, Women’s Studies Centre, S.K. University, Ananthapuramu, ISBN-13: 978-1519464088, Amazon.com, PND Publishers, New Delhi.

**N. Kalpana Kumari ( Research Assistant)**

**Articles published in Journals:**

1. **“Emerging Women Leadership in Local Self Government - A Study in Ananthapuramu District”**, published in International Journal of Multidisciplinary Advanced Research Trends, Rishi Publications, Vijayawada, Issue IV(1), vol II, p.p. 141-153, May 2015, ISSN: 2439-7408.
2. **“Role of Non-Governmental Organisations in Empowering Disadvantaged Women”**, published in the International Journal of Academic Research, Vishakapatnam, Issue 3, Vol. 1, pp.214-225, September 2014, ISSN: 2348-7666.

**Articles published in Edited Books:**

1. **“Awareness of Health is Basic concern for Adults”**, published in **“ Adult Education As New Educational Frontier.”** ed (vol), The Associate Publishers pvt(Ltd), New Delhi, 2015, p.p. 169-175, ISBN: 978-81-8429-115-5.
2. **“Barriers of Tribal students in pursuing Primary Education”** published in **“Perspectives of Tribal Education”**. Ed(vol), Discovery publishing house pvt.Ltd, New Delhi, 2014, p.p.87-99, ISBN: 978-93-5056-482-0.
3. **“Vocational Education and Training for the differently abled ”**, published in **Vocational Education and Training, ”** (ed.vol), Sarup Book publishers Pvt. Ltd., New Delhi, 2014, pp. 109-121, ISBN: 978-81-7625-945-3.
4. **“Vocational Education and Training in Promotion of Human Resource Development among Disabled”**, published in **“Youth Empowerment Strategies”** (ed.vol) Sarup Book publishers Pvt. Ltd., New Delhi, 2014, P 279-290, ISBN: 978-81-7625-950-7.pg.no.:278-290.

**Annexure - II:**  
**Student Projects sponsored by the Centre**

<b>Sl. No.</b>	<b>Name</b>	<b>Topic of the Study</b>	<b>Department</b>	<b>Year</b>
1.	C. Thirupalu	Self-Help Groups In Empowerment Of Rural Women: A Case Study In Kuderu Mandal Of Anantapur District	Research Scholar, Dept of Economics and Applied Economics, S.K. University.	2011
2.	G. Balaswamy	Domestic Violence and Judicial Approach	Research Scholar ,Dept of Law, S.K. University	2011
3.	Mr. M. Madanna	A Critical Study On Role Of Judiciary On Domestic Violence Act	Research Scholar, Dept of Sociology, S.K. University	2011
4.	Mr. S. Narayana swamy	Impact Of The Self-Help Group On Living Conditions Of Rural Women With Special Reference To C.K. Palli Mandal In Anantapur District	Research Scholar, Dept of Economics and Applied Economics, S.K. University.	2011
5.	Mr. Rama chandrappa	Role of N.G.Os and statutory Commissions In Curbing Sexual Harassment At Work Place In India	Dept of Economics & Applied Economics, S.K. University	2011
6.	M. Obaleshu	Socio-Economic Conditions of NREGA Women Labours- An Empirical Study	Dept of Political Science, S.K. University	2011
7.	R. Neelaiah	Women Empowerment Through Micro-Finance	Research Scholar, Dept of Commerce, S.K. University	2011
8.	Dr. M. Nagaraju	A Study of Girls Education In Kothacheruvu Mandal Of Anantapur District, (A.P.), India	Post Doctoral Fellow, Dept of Rural Development, S.K. University.	2011
9.	Mr. H. Subba rayudu	Socio Economic Empowerment of Rural Women Through DWCRA: A Case Study Of Narpala Mandal In Anantapur District"	Research Scholar, Dept of Economics and Applied Economics, S.K. University.	2011