



SRI KRISHNADEVARAYA UNIVERSITY: ANANTAPUR
CURRICULUM VITAE
OF
PROF. R. R. VENKATA RAJU

- a. Name: **Dr. Rudraraju Reddi Venkata Raju**
- b. Address: Professor and Head,
Department of Botany,
Sri Krishnadevaraya University,
Anantapur - 515 003. India.
Mobile: 91-94402 89488
e-Mail: rrvenkataraju@yahoo.com
- c. Designation: Head & Professor of Botany
- d. Department: Botany
- e. Date & Place of Birth: **02-9-1958** – Koneruvandla palli (vi)
TSundupalli (Md), KADAPA (Dt).
- f. Religion/Caste: Hindu-Kshatriya
- g. Award of Ph. D. & **Appointment:** 1986 & **7th February 1987**
- Academic Qualifications M. Sc., Ph. D.,
- Academic Fellowships FBS, FIAT, FEB, FAPAS.
- h. Area of specialization: Plant Taxonomy and Bio-Systematics,
Environmental Sciences, Biodiversity,
Ethnobotany,
Phytomedicine and Pharmacognosy
- i. Academic experience**
- a. **Teaching** **28** years
- b. **Research** 33 years
1. Publications Books **05 & 1** in press;
Papers: **141** (International -68; National – **73**)
2. Major Projects (completed) **10** (CSIR, DBT, UGC, DST, WWF)
3. Guidance (Awarded) **Ph.D. 20; M. Phil. 18&**
Ph. D.: 06 in progress

ii. Administrative experience:

Director of Evaluation, SK University Nov 2016 to May 2017
Chairman, Taskforce committee, SK University, July 2015 to till date
Head, Botany, SK University: 08-7-2013 to 07-7-2016
Member (External) BOS, SKU College of Pharmaceutical Sciences 2014 to 2016
Governing Body Member, Silver Jubilee College, Kurnool 2015-'18
Governing Body Member, Govt College for Men (A): July 2016 to till date
Dean, Faculty of Life Sciences: 01-8-2010 to 31-7-2013
Chairman, BOS, Dept. of Botany, **Yogi Vemana University**, Kadapa; 2010-todate
Chairman, BOS, Dept. of Botany, **Rayalasema University**, Kurnool; 2012-'16
Convener, Discrepancies rectification committee, SKU- 2014
Chairman, BOS, Dept. of Biotechnology **SKU**: 01-8-2010 to 31-7-2013
Governing Body Member, SVRM College, Nagaram, Guntur: 2011-'13
(Appointed by Government of AP as **APSCHE Nominee**)
Convener, Best teacher award scrutiny Committee, **SKU** 2012
Convener, XII plan proposal finalisation Committee, **SKU** 2012
Convener, Appointment/Promotion of teachers under CAS, **SKU** 2010-'12
Convener, Appointment/Promotion of teachers under CAS, **YVU** 2010-'12
Convener, Implementation of Reservation Policy Committee for NT Staff- 2012
Convener, Rationalization of Time Scale employees into categories: 2012
Advisor, Directorate of Admissions, Ph.D., M.Phil., and PG courses 2012
Advisor, SVURPGCET- 2012
Advisor, Directorate of Distance Education, **SKU** 2011 - 2014
President, SKU Teachers' Association – (SKUTA) - 2011-'12
Professor– In Charge, Department of Biotechnology- 2010- 2011
Convener, Students Welfare & Discipline Committee, **SKU College – 2007-'08**
Dean, Academic Affairs: 2005 to 2008
Advisor- Central Library: 2007-08; **Coordinator** Sports & Games: 2004-'05
Coordinator, UGC Affairs: 2004-2005;
Head, Dept. Botany: 1998-2001;& 2013-2016
Chairman, BOS, Department of Botany, **SKU**: 1999-2002; & 2005-2008
Convener, **SKU Library Committee** 2002, & **Hostels Committee** -2005
Convener, Centre for Distance Education Anomalies Committee- 2010.
Convener, Joint Inspection Committee for **OU, ANU, SVU, YVU, KU & AU**
Appointed by **AP State Council of Higher Education**, Hyderabad
External Member-Board of Studies
O U, Hyderabad; A U, Visakhapatnam; K U, Warangal; SPMahila Univ.,
Tirupathi; Marathwada Ambedkar Univ., Aurangabad; Gulbarga Univ.,
Gulbarga; Yogi Vemana Univ., Kadapa; Rayalasema Univ., Kurnool, etc.
Member, Best teacher award scrutiny Committee, **SKU** 2009- 2015
Member, Board of Studies in Botany, **SRK College (A)**, Nandyal 2014-'16
Member, Board of Studies Biotechnology, **SRK College (A)**, Nandyal 2014-'16
Member, Board of Studies Env'tl. Science, **SRK College (A)**, Nandyal 2014-'16
Member, XII Plan Proposals Committee, **Rayalasema University**, 2013
Member, Central Purchasing Committee 2004- 2006
Deputy Warden, **SKU Hostels** 1993 -'94.

Secretary, SKU Teachers' Association (SKUTA) 1997 -'98.

Secretary, Indian Association for Angiosperm Taxonomy (IAAT)-1999-2002

Member, State Model Curriculum Committee, B.Sc.Botany, in AP, -2008-'09.

C. Teaching Experience:

Name of the Institution	Post held	Subject/ topics taught	Classes handled	Period From - To
S.K.University	Assistant Professor	Plant Ecology Plant Taxonomy Ethnobotany Molecular Genetics Diversity in Cryptogams Cell Biology	M.Sc. I & II yrs.	09.02.'87 - 06.01.'91
S.K.University	Associate Professor	Plant Ecology Plant Taxonomy Bio-systematics Genetics Ethnomedicobotany Principles of Plant-Molecular biology	M.Sc. I & II yrs.	07.01.'91- 24.7.'98
S.K.University	Professor	Plant Taxonomy Ethno-medico-botany Bio-systematics Molecular Genetics Pharmacognosy	M.Sc. I & II yrs.	25.7.1998 to date

D. Research Experience & Training:

1. Co-Ordinator – UGC – SAP: Bioprospecting and Conservation (2011-2016)

2. Areas of Specialization & Training

Areas of Research Plant Taxonomy, Biosystematics, Chemotaxonomy Allelopathy, Ethnobotany, Pharmacology & Pharmacognosy, Phytochemistry, Biodiversity and Biological screening of indigenous medicinal plants

Special Trainings	Title of work/thesis	Institution where the work was carried out
	Techniques involved in Modern Taxonomy,	Calicut University, Calicut, Organised by DST , New Delhi.
	Medicinal Plant Biotechnology	Regional Research Laboratories (RRL), Jammu-Tawi, Organised by DBT , New Delhi.

E. Research Guidance (list of Students Awarded Research Degrees):

S. No.	Name of Candidate	Title	Year of Award
Ph.D. degrees Awarded			
1.	M. Hemambara Reddy	Systematic studies on Amaranthaceae of Southern peninsular India.	1994
2.	R. Venkateswara Reddy	Ethno-botanical and Phytochemical studies on Medicinal plant resources of Cuddapah district, A.P.	1995
3.	C. Prabhakar Raju	Floristic studies on Asteraceae in Andhra Pradesh, India.	1995
4.	M. Suseelamma	Studies on Allelopathic interactions among certain weeds and crops.	1996
5.	C. Ramakrishna	Experimental Studies on Allelopathic properties of <i>Plumbago zeylanica</i> L.	1997
6.	K. Indira	Exploration, Preservation and systematic evaluation of Aquatic and wetland angiosperm diversity in Rayalaseema and Telangana regions of Andhra Pradesh, India.	2001
7.	N. V. Nagalakshmi	Studies on crude drugs used for abortion and antifertility by the tribals of Rayalaseema, Andhra Pradesh, India.	2001
8.	A. Jeevan Ram	Taxonomic assessment and phytochemical evaluation of crude drugs used by adivasi tribes of Andhra Pradesh for Skin diseases.	2002
9.	L. Mohammad Bhakshu	Ethno-medico-Botanical studies on certain rare, endemic and endangered medicinal plants from Eastern Gahts, India.	2002
10.	S. N. Rama Reddy	Biosystematic studies of the Tribe Amarantheae with spl reference to <i>Amaranthus</i> complex.	2003
11.	M. Chenna Kesavulu	Exploration, Preservation and Systematic Evaluation of Aquatic and Wetland Angiosperm diversity in Coastal Andhra Pradesh, India.	2004
12.	K. Venkata Ratnam	Medicobotanical, Phytochemical and Antimicrobial properties of certain rare and endemic medicinal plants from Gundlabrahmeswaram wild life sanctuary, Andhra Pradesh.	2006
13.	S. Swarupa Rani	Allelopathic interactions among certain crop and weed species in Kurnool district,	

14.	NA Johnson Saturas	Andhra Pradesh. Taxonomic validation and Ethnomedico- Chemical Analysis of Medicinal plants of Nallamalais, Kurnool District, AP.	2008
15.	P. Venkata Krishnaiah	Medico-botanical studies, Pharmacognostic and biochemical evaluation of crude drugs for cancer, used by the adivasis of Eastern Ghats in Rayalaseema region, A.P.	2010
16.	G. Tirupathi Reddy	Medicobotanical, Pharmacognostic and Pharmacological studies on antivenal crude drugs used by adivasis of Rayalaseema region, A.P.	2012
17.	Y. Padma	Ethno-Medicobotanical studies on <i>Andrographis</i> species (Acanthaceae) from the forests of Rayalaseema region, Andhra Pradesh.	2012
18.	C. Lakshmi Narasimhudu	Medicobotanical studies and Antimicrobial evaluation of <i>Phyllanthus</i> species (Euphorbiaceae) from Eastern Ghats of Andhra Pradesh, India	2012
19.	K. Rajasekhar	Pharmacognostic studies and biological Evaluation of <i>Terminalia</i> (Combretaceae) Species from Eastern Ghats of Andhra Pradesh, India	2013
20.	N.Sarojini Devi	Taxonomic evaluation, synthesis of silver nano particles and phytochemistry of Genus <i>Euphorbia</i> L. from Andhra Pradesh	2014
21.	K. Gnaneswari	Phytochemistry, antimicrobial activity and In Vitro Biological evaluation of <i>Leonitis nepetifolia</i> R.Br A potential medicinal plant	2015
22.	G. Purushotham (BC)	Molecular studies on UV radiation induced skin cancer and evaluation of anticancerous properties of certain <i>Andrographis</i> spp using B16F10 and A375 cell lines	2016
23.	Sk. N. Meeravali (BC)	Systematic studies on Diatoms (Bacillariophyceae) of Anantapuramu district, Andhra Pradesh	2017

M. Phil degrees Awarded

1.	N.V. Padmavathi	Nyctaginaceae, Amaranthaceae, Chenopodiaceae and Polygonaceae in Andhra Pradesh.	1989
2.	R. Venkateswara Reddy	Flora of Guvvalacheruvu ghats, Cuddapah District.	1991
3.	M. Suseelamma	Allelopathic effects of <i>Digera muricata</i> (L.) Mart. on germination and early	

4.	J. Vijayalakshmi	seedling growth of certain crop plants. Ethno-Medico-Chemico-Botany of Antidotes used by Chenchus in Ahobilam hills of Kurnool district Andhra Pradesh.	1992 1993
5.	K. Eswara Reddy	Ethno-Medico-Chemico-Botanical studies of Gooty forests of Anantapur district with special reference to Sugali tribes.	1994
6.	S. Ramasubba Reddy	Ethno-botanical and Taxonomic studies on Lankamala hills of Cuddapah district, A.P.	1995
7.	M. Sreedevi	Systematic studies on <i>Allmania nodiflora</i> (L.) R.Br. ex Wt. Complex in Andhra Pradesh	1996
8.	K. Narasimha Reddy	Ethnomedicobotany of Anantapur district.	1997
9.	M. C. Kesavulu	Floristic studies on aquatic and marshy angiosperms of Northern Circar districts.	1997
10.	V. Rukmangada Reddy	Ethno-Medico-Botanical studies of Nallamala forests of Cuddapah district, A. P.	1998
11.	W. Saranappa	Ethno- medico Botanical and phytochemical evaluation of certain rara and endemic plants used by the tribals of Sandur forests, Karnataka state.	2002
12.	K. Venkata Ratnam	Ethno-medicobotanical studies of Gundlabrahm eswaram wild life sanctuary Andhra Pradesh.	2003
13.	A. Madhavi	Phytochemical and antimicrobial properties of certain rare and interesting Euphorbiaceous crude drugs from Cuddapah hills, A. P.	2005
14.	C. Kishoru Babu	Medicobotanical assessment of crude drugs available in local markets of Anantapur district, Andhra Pradesh.	2005
15.	M. Haribabu Rao	Chemical analysis of water and taxonomic assessment of aquatic plant diversity in Hundri river, Kurnool district, Andhra Pradesh.	2006
16.	K. Geeta	Ethnomedicobotanical studies on <i>Terminalia</i> spp (Combretaceae) from forests of Rayalaseema Region, Andhra Pradesh.	2008
17.	Y. Padma	Ethnomedicobotanical studies on <i>Andrographis</i> species from the forests of Rayalaseema region, Andhra Pradesh.	2009

F. Major Research Projects Carried out:

1.Title: *Exploration, Preservation and Systematic Evaluation of Aquatic Angiosperm diversity in Andhra Pradesh*

Funding agency: CSIR, 1994-97

Amount: Rs.4.50 lakhs.

Milestones: About 225 aquatic and marshy plants from Andhra Pradesh. About 35 taxa, found to be new distributional records to south India and Andhra Pradesh.

2.Title: *Biosystematic studies of Amarantheae (Amaranthaceae) with special reference to Amaranthus complex.*

Funding agency: DST 1997-2000

Amount: Rs. 6.00 lakhs.

Milestones: Cladistic analysis is conducted for the indigenous members of Amaranthus group to represent the phenetic as well as phylogenetic relationship among them.

3.Title: *Exploration, Ethnobotanical Evaluation and preservation of rare and Endangered medicinal plants in Eastern Ghats of Andhra Pradesh, India.* **Amount: Rs. 4.00 lakhs**

Funding agency: world Bank - through ICFRE, Dehrandun. 1997-1999.

Milestones: About 161 medicinal plants were recorded during the study. Among them 30 were reported as rare and endangered species from Eastern Ghats.

Phytochemical analysis was conducted for 30 rare and little known species.

4.Title: *Taxonomy and Ethnobotany of Herbaceous flowering plants of Andhra Pradesh.*

Funding agency: UGC, New Delhi 1997-2000.

Amount: Rs. 5.00 lakhs.

Milestones: About 250 interesting herbaceous medicinal plants were recorded from the forests of Andhra Pradesh. About 50 herbaceous drug yielding plants were recorded as rare and little known medicinal plants.

5.Title: *Ethnobotanical studies on medicinal plant wealth of Nagarjunasagar - Srisailem Tiger Reserve Project, India.* **Amount: Rs. 4.00 lakhs.**

Funding agency: World Bank through A. P. Forestry. 1998-2000.

Milestones: 300 medicinal plants were recorded from the project area with the help of tribal folklore information, obtained from the adivasi tribes, inhabited in project area, Nallamalais.

6.Title: *Taxonomic assessment, Preliminary phytochemical and pharmacological evaluation of certain rare, endemic and endangered medicinal plants in Eastern Ghats.*

Funding agency: University Grants Commission – 2003 – 2006 **Amount: Rs. 6.00 lakhs**

Milestones: Reported rare, endemic and Endangered species and their properties.

7.Title: *“Biodiversity characterization at landscape level using remote sensing and GIS in Eastern Ghats”*

Amount: Rs. 3.50 lakhs

Funding Agency: DBT - National Remote Sensing Agency – 2004- 2006

Milestones: Established the comprehensive database for the plants present in the area in collaboration with NRSA, Hyderabad.

8.Title: *“Medicobotany, Phytochemistry and Antimicrobial evaluation of Phyllanthus species (Euphorbiaceae) from EG, Andhra Pradesh.* **Amount: Rs. 8.65 Lakhs.**

Funding Agency: University Grants Commission – 2009 – 2012

Milestones: Established ethnobotanical profile for 19 *Phyllanthus* species; Reported rare, endemic and endangered *Phyllanthus* spp from EG of Andhra Pradesh; Analysed the crude drugs for microscopic characters, secondary metabolites and antimicrobials.

9. UGC – BSR One time grant

Funding Agency: University Grants Commission – 2013-‘15

Amount: Rs. 7.00 Lakhs. “Bioprospecting of certain potential medicinal plants”

10. Title: *“Systematic studies of Euphorbia species (Euphorbiaceae) from South India”*

Funding Agency: CSIR – 2013-‘16 **Amount: Rs. 23.00 Lakhs.**

11. Title: “Phytochemical analysis and **Conservation of threatened and endemic Phyllanthus species (Euphorbiaceae) of Eastern Ghats.**

Funding Agency: DBT, New Delhi – 2016-‘19

Amount: Rs. 68.00 Lakhs.

G. Membership in Professional bodies:

1. Indian Botanical Society (IBS)	Life member
2. Indian Association for Angiosperm Taxonomy (IAAT)	Life member
3. International Society of Ethnobotany (SEB)	Life member
4. International Society for Allelopathy (ISAP)	Life member
5. Association of Plant Taxonomists (APT)	Life member
6. Andhra Pradesh Academy of Sciences (APAS)	Life member

H. Awards / Rewards received:

UGC Senior Research Fellowship and Research Associateship, New Delhi.

BEST TEACHER AWARD – Government of Andhra Pradesh, 2008.

Fellow of AP Academy of Sciences – 2010

I. Innovations/contributions in teaching:

a. Design of curriculum : Actively involved in designing the curriculum and syllabus for PG and UG courses by introducing latest aspects in the subject. Member in designing Model Curriculum for B.Sc. in Andhra Pradesh (2008).

b. Laboratory : Established a sophisticated laboratory for conducting experiments on modern taxonomy, phytochemistry, pharmacology and Pharmacognacy, and biosystematics.

c. Innovations
1. Reported nine NEW taxa to Science
2. Reported a new flavonone – tirumallotone from *Mallotus philippinensis*

3. Reported one hundred new distributional records to Old World countries, India, and to Southern Peninsular India.

d. Ph.D. Adjudication Examiner to Ph.D & M.Phil Students of about 25 Universities in India and Abroad. Evaluated the theses and also served as Chairman for *Viva-Voce* boards

e. Consultant Department of Forestry, Government of Andhra Pradesh regarding cultivation and effective utilization of Medicinal plants.

f. Editorial Board/ Councilor
Rheedeia, International journal – Executive Editor.
Rheedeia – Councilor.

J. Any other information:

Executive Editor - Rheedeia - International journal of Plant Taxonomy

Secretary - Indian Association for Angiosperm Taxonomy during 1999 - 2002

Referee - Indian Journal of Botany, Indian Journal of Forestry, Rheedeia, Journal of Economic and Taxonomic Botany, Ethnobotany, Journal of Traditional Knowledge, etc..

Invited Lectures:

Refresher Courses: University of Hyderabad, Hyderabad
Gulbarga University – Gulbarga
Karnataka University, Dharwad
Andhra University – Visakhapatnam
Acharya Nagarjuna University, Guntur
Osmania University – Hyderabad
Mysore University – Mysore
Sri Venkateswara University, Tirupathi
Sri Krishnadevaraya University – Anantapur.

Key-note or invited talks in Seminars/Conferences:

Acharya Nagarjuna University – Guntur
Karnataka University – Dharwad
Gulbarga University – Gulbarga
Sri Venkateswara University – Tirupathi
Osmania University – Hyderabad
Goa University – Goa
Adoni Arts & Science College – Adoni
Andhra University- Visakhapatnam
Bharathidasan University – Tiruchirapalli
Calicut University- Calicut
National Botanical Research Institute – Lucknow.
Institute of Indigenous Medicine, Colombo

NEW TAXA

(Reported/Added to Science)

1. *Euphorbia kadapensis* Sarojinidevi et Venkataraju *sp. nov.* (Euphorbiaceae)
2. *Dimorphocalyx kurnoolensis* Venkataraju et Pullaiah *sp. nov.* (Euphorbiaceae)
3. *Cyathocline manilaliana* Prabhakar Raju et Venkata Raju *sp. nov.* (Asteraceae)
4. *Pentanema indicum* (L.) Ling. var. *sivarajanianum* Venkataraju et Prabhakar Raju *var. nov.* (Asteraceae)
5. *Blumea obliqua* (L.) Druce var. *nellorensis* var. *nov.* (Asteraceae)
6. *Blumea randerii* *sp. nov.* (Asteraceae)
7. *Cyathocline manilaliana* *sp. nov.* (Asteraceae)
8. *Pulicaria yerramalayana* *sp. nov.* (Asteraceae)
9. *Wedelia andhrlica* *sp. nov.* (Asteraceae)
10. *Caesulea axillaris* Roxb. var. *peduncularis* var. *nov.* (Asteraceae)
11. *Spilanthes paniculata* Wall. ex DC. var. *henrii* var. *nov.* (Asteraceae)

Research publications.

BOOKS

1. **Venkataraju, R.R.** and T. Pullaiah. 1995. Flora of Kurnool District. Bishen Singh Mahendra Pal Singh, Printers and Publishers, Dehradun.
2. Pullaiah, T., **R.R. Venkataraju**, C. Sudhakar, B. Ravi Prasad Rao and S.Thimma Naik. 2005. Recent trends in plant sciences. Regency Publications, New Delhi.
3. **Venkataraju, R.R.** and R. Venkateswara Reddy. Medicinal Plant resources of Seshachalam Hills. Dattsons Publications, Nagpur, India (in press).
4. **Venkataraju, R.R.**, et al 2009. Vruksasastram-I, (Botany-I) B.Sc I year, Telugu Medium. Telugu Academy, Hyderabad.
5. **Venkataraju, R.R.**, et al 2009. Vruksasastram-I, (Botany-I) B.Sc I year, English Medium. Telugu Academy, Hyderabad.
6. **Venkataraju, R. R.** and C. Sudhakar. 2011. Cell biology, Genetics and Plant Breeding. 2011, Students Helpline Publishing House Ltd. Hyderabad.
7. **Venkataraju, R. R.** 2012. Biosystematics, Ethnobotany and Pharmacognosy. Students Helpline Publishing House Ltd. Hyderabad.

PAPERS

1. Meeravali, S.N., B. K. S. Mishra, C. Prabhakara Raju and **R.R. Venkataraju** 2017. Diatom flora of Kanekal Reservoir, Anantapuramu District, Andhra Pradesh, India. *J. Algal Biomass Utln.* 8 (4): 23-38.
2. Sarojini Devi, N and **R.R. Venkataraju**. 2017. *Euphorbia royleana* Boiss., A new record for the Eastern Ghats, India. *Journal of Threatened Taxa.* 9 (5) : 10233 – 10235.
3. Bhakshu, L.Md., K. Venkata Ratnam, M.V.Suresh Babu and **R.R. Venkataraju**. 2017. Evaluation of *Dendrophthoe falcata* leaf extracts for antioxidant, antidiabetic and anticholinergic activities using *In-Vitro* studies. *Proceedings Modern trends in Chemistry Research.* Kadapa.
4. Purushotham, G., Y. Padma and **R. R. Venkataraju** 2016. In-vitro evaluation of anti-proliferative, anti-inflammatory and pro-apoptotic activities of the methanolic extracts of *Andrographis nallamalayana* Ellis on A375 and B16F10 melanoma cell lines. Springer
5. Purushotham, G., Y. Padma and **R. R. Venkataraju** 2016. In Vitro evaluation of anti-proliferative properties of the methanolic extracts of *Andrographis echinoides* Nees on skin melanoma cell lines. *Int. Journ. Clinical and Biol. Sci.* 1 (2): 41 – 49.
6. Venkata Ratnam, K., P. Venkata Krishnaiah, G.Tirupati Reddy and **R. R. Venkataraju** 2016. Less known preventive herbal drugs used against piles by tribals and rural communities of Rayalaseema region, Andhra Pradesh. *IOSR Journal of Pharmacy and Biological Sciences* (e-ISSN:2278-3008, p-ISSN:2319-7676) 11 (3-1): 99-102
7. Bhakshu, L.Md., K. Venkata Ratnam and **R.R. Venkataraju**. 2016. Anticandidal activity and Phytochemical analysis of certain medicinal plants from Eastern Ghats, India. *Ind. Journ Natural Products and Resources.* 7 (1): 25 – 31.
8. Venkata Ratnam, K and **RR Venkataraju**. 2016. Evaluation of Anticholinergic, antidiabetic and antioxidant activity of leaf extracts of *Ochna obtusata* DC using in vitro assay. *Int. Journ Pharmacy & Pharmceutic Sci.* 8 (6):
9. Padma, Y., N.Sarojini devi, K.Venkata Ratnam, G.Tirupati Reddy and **R. R. Venkataraju**. 2016. Herbal/Folk remedies for snake bites by tribals/rural people of Rayalaseema region, Andhra Pradesh, India. *Journ. Med. Plant studies* 4 (2): 52-56.
10. Rajasekhar, K and **R. R. Venkataraju** 2015. Phytochemical, antioxidant and antimicrobial

- studies on Terminalia Paniculata a potential medicinal plant. *Int. Journ. Pharmognosy. & Phytochemical Res.* **8** (1):14 - 17.
11. Meeravali,S.N., G.R. Gandhi, C. Prabhakara Raju and **R.R. Venkataraju** 2015. Diatom flora of Batrepalli Waterfalls, Anantapuramu, Andhrapradesh, India. *J. Algal Biomass Utln.* **6** (4): 50-59.
 12. Meeravali S.N., C. Prabhakara Raju and **RR Venkataraju** 2015, Floristic Studies on Diatom Flora from Selected Water Bodies of Ananthapuramu District Andhra Pradesh India. *Int J Recent Sci Res.* **6**(10): 6923-6930.
 13. **Venkataraju,RR** et al., 2015. New vegetation type map of India prepared using satellite remote sensing: Comparison with global vegetation maps and utilities. *International journal of Applied earth observation and Geoinformation.***39**: 142 – 159.. (Impact Factor: 2.79)
 14. Venkata Ratnam, K, and **RR Venkataraju**. 2015. Phytochemical and antimicrobial activity of Vernonia anthelmintica (L.) Willd. Seed extracts. *World Journ pharmacy and Pharmaceutical Sciences* **4**(2): 739 – 746.
 15. Venkata Ratnam, K, L. Md. Bakshu and **RR Venkataraju**. 2015. Phytochemical composition and in-vitro antimicrobial activity of essential oils of Piper hymenophyllum Miq., a rare wild betel. *Int. Journ. Pharmacognosy and Phytochemical Research.* **7** (1) :68-71
 16. Ratnam V. Kamsala, Bhakshu Md. Lepakshi, Padma, Y and **RR Venkataraju**. 2015. Studies on antimicrobial and antioxidant properties of leaf extracts of Syzygium alternifolium (wt.) Walp. *Int. Journ Pharmacy & Pharmceutic Sci.* **7** (2): 139-143.
 17. Bakshu, L.Md., and **R.R. Venkataraju**. 2014. Chemical characterization of a novel antimicrobial flavanone compound from leaves of Mallotus philippensis Muell.-Arg. (Euphorbiaceae). Proc. Andhra Pradesh Akademi of Sciences (PAPAS) **16** (1): 69-71.
 18. N. Sarojini Devi and **R.R. Venkataraju**. 2014. *Euphorbia kadapensis* (Euphorbiaceae), a new species from southern India. *Phytotaxa* 181. (3): 179 – 183. . (Impact Factor: 1.79)
 19. N. Sarojini Devi, Y.Padma, and **R.R. Venkataraju**. 2014. In Vitro biological screening and chemical constituents of Euphorbia perbracteata Gage. *Journal of Medicinal Plant research.* **8**(14): 564-570. (Impact Factor: 0.679)
 20. K. Rajasekhar, S. Ramesh and **R. R. Venkata Raju** 2014. Preliminary phytochemical studies on fruits of *Terminalia* species (Combretaceae) used by the local tribals of Andhra Pradesh. *Int. Journ. Pharmceutic. Sci. & Res.* **5** (1):246 - 248. (Impact Factor: 1.59)
 21. S. Ramesh, K. Rajasekhar and **R. R. Venkata Raju** 2013. Preliminary phytochemical studies on leaves of *Vitex* species (Verbenaceae) used by local adivasis communities of Andhra Pradesh. *W.Journ. Ph. & Pharmceutic. Sci.* **2** (6): 6143-6150. (Impact Factor: 0.65)
 22. S. Ramesh and **R. R. Venkata Raju** 2013. Preliminary phytochemical screening and antimicrobial studies on *Vitex quinata* (Lour) FN Williams (Verbenaceae) from Andhra Pradesh. *Ind. Journ. Appl. Res.* **3** (12): 60-61. (Impact Factor: 0.82).
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Prof RRV Raju, receiving **best teacher award** (State Award for University Teachers) from **Dr, YS. Rajasekhar Reddy garu**, the honourable Chief Minister of Andhra Pradesh on 05-9-2008, Ravindrabharathi, Hyderabad.