

FORMAT FOR DETAILS OF INDIVIDUAL TEACHERS

1. Name : Dr. R. RAMESH RAJU
2. Designation : Associate Professor
3. Department : Chemistry
5. Qualifications : M.Sc., Ph.D.
6. Date of Birth : 21-06-1972
7. Date of Joining : 04-02-2008
8. Phones: (off):_ 0863-2346578 (Res):_____

Cell: 9866190692

9. Email ID : rrraju1@gmail.com

10. Title of Ph.D. Thesis :

| Title of Thesis | University from which PhDs awarded | Awarded Year |
|--|--|-----------------|
| Electroorganic Synthesis: Carboxylation and Hydrogenation. | Sri Venkateswara University, Tirupati | 2005 |

11. Areas of Research Interest :

Synthesis of medicinally important organic compounds, Analysis of the Environmental samples, Drugs and Pesticide Analysis and Drug Delivery.

12. Research Students Information (Awarded):

| Guided Successfully | | Presently Guided | |
|---------------------|--------|------------------|--------|
| Ph.D | M.Phil | Ph.D | M.Phil |
| 20 | 4 | 6 | 2 |

13. Academic Achievements:

- Senior Research Fellowship, Awarded by Council of Scientific and Industrial Research (CSIR), Govt. of India, New Delhi in April 2004.
- Post-Doctoral Fellowship Awarded by Department of Chemistry, Pusan National University, Pusan, South Korea in July 2006.
- Acted as a Principle and Co-Principle Investigator in UGC, CSIR and DST Projects.
- **Awards:** Associate Fellow of AP academy of Sciences, Govt.of A.P.
- Member of University affiliation committee (I visited various colleges for given the affiliation) and Member in Board of Studies (PG) in Chemistry of our University.
- As External Examiner for M.Sc., Theory and practical's in various universities including our university for conducting the examinations both regular and distance mode.
- Member of Board of Studies for Post Graduation in Chemistry of Dravidian University, Kuppam, Chittoor- Dt.
- BOS Chairman of Soil and agricultural Chemistry, Hindu College, Guntur.
- BOS Chairman of Oil, Fats and Petroleum Products, VSR&YRN College, Chirala.
- BOS member of UG and PG in Chemistry, PB Siddardha College, Vijayawada.
- BOS member of B.Tech in Chemistry, JNTUA, Anatapuram.

14. No. of books published : 05+ 01 (Book chapter)

15. No. of research articles published/presented since the inception:

| Journals | | Conferences | |
|----------|---------------|-------------|---------------|
| National | International | National | International |
| 25 | 100 | 50 | 29 |

16. Details Major/Minor Research Projects held/holding:

| Title and Sanction Order Particulars | Date of Project Sanctioned | Major/Minor and Funding Agency | Amount in Lakhs |
|---|----------------------------|--|------------------|
| 1. Asymmetric hydrogenation of heteroaromatic compounds using catalytic amount of chiral auxiliaries. | 2009 | Department of Science & Technology, New Delhi. As Principal Investigator (SR/FT/CS-095/2009) | Rs. 19,90,000-00 |
| 2. Synthesis and Biological | 2013 | University Grants | Rs. 12,20,800-00 |

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|---|------|--|------------------|
| evaluation of Nortopsentin and Topsentin analogues. | | Commission, New Delhi. As Principal Investigator [42-285/2013(SR)]. | |
| 3. Synthesis, antitumor evaluation and mechanistic studies of Nortopsentin analogues funded by | 2013 | Council for Scientific and Industrial Research, New Delhi. As Principal Investigator [02(0114)/13/EMR-II]. | Rs. 32,00,000-00 |
| 4. Spectroscopic investigations on mixed alkali effect in alkali zinc borate glasses. | 2009 | University Grants Commission, New Delhi. As Co-Principal Investigator [37-2/2009(SR)]. | Rs. 10,35,871-00 |
| 5. Spectroscopic investigations on rare earth doped nanocrystals embedded cadmium phosphate glasses for optical fiber amplifiers. | 2013 | University Grants Commission, New Delhi. As Co-Principal Investigator [42-832/2013(SR)] | Rs. 13,50,800-00 |

17. Research Collaboration with the faculty of foreign Universities:



Signature of the Teacher