


SVA Govt. Degree College(M), Srikalahasti

FACULTY PROFILE

Name:	Dr. A.Ramesh Babu	
Department:	Chemistry	
Designation:	Lecturer in Chemistry	
Date of Appointment:	26.12.2011	
Date of Birth:	01.07.1980	
Contact Number:	9493302217	
Email Id:	rameshavu@gmail.com	
Teaching Experience:	U.G: 12 Years., P.G: 06 Years	

Academic qualifications:

Qualification	Name of the University/Institute	Year of passing
Ph.D	Indian Institute of Chemical Technology & JNTUH	2017
M.SC	S. V. University, Tirupati	2005
NET-JRF	CSIR-UGC, New Delhi	2007
GATE	Conducted by IIT Kharagpur& IIT Kanpur	2006 & 2007

Experience Details:

Designation	Name of the College	From	To
Lecturer in Chemistry	SCNR GDC, Proddatur	26.12.2011	26.05.20217
Lecturer in Chemistry	GDC, Puttur	27.05.2017	02.08.2023
Lecturer in Chemistry	SVA GDC(M), Srikalahasti	03.08.2023	Till date

Papers Published in Journals (Total: 18)

1. Zinc oxide nanoparticles as an efficient antioxidant, photocatalyst, and heterogeneous catalyst in C–P bond synthesis, Hari Babu Boppudi, Y. Subba Rao, Charan Kuchi, **A. Ramesh Babu**, Varadhi Govind, M. Jagadeesh, Mahimaluru Lavanya, *Results in Chemistry*, **2023**, 6, 1-10.
2. Review on the synthesis of doped TiO₂ nanomaterials by Sol-gel method and description of experimental techniques, Sankara Rao Miditana, Siva Rao Tirukkavalluri, Imandi Manga Raju, A. Bangaru Babu, **A. Ramesh Babu**, *J. Water Environ. Nanotechnol.* 7(2): 218-229 Spring **2022**
3. Design, Synthesis, and Biological Evaluation of Benzothiazole Chalcon Conjugates as Antitumor Agents, Bobburi Nagaseshadri, **Avuguddi Ramesh Babu** Pathivada Naveen, *Indian Journal of Advances in Chemical Science*, **2019**, 7(2), 59-64.
4. Differentiation of isomeric para- and meta- substituted 2, 5-diphenyl- 1, 3, 4-oxadiazole derivatives of anthracene by electrospray ionization tandem mass spectrometry. **A.Ramesh**

- Babu, G.Raju, C.Purnachander, Murali Mohan Bhandi, M.Anath Reddy, M.V. Niladari Raju, V. Jayathirtha Rao, K.BhanuPrakesh and R.Srinivas, *Rapid Commun Mass Spectrom.* 31 (2017) 469.**
5. *Electrospray ionization tandem mass spectrometric study of protonated and alkali-cationized α/ϵ -hybrid peptides: differentiation of a pair of dipeptide positional isomers.* **A. Ramesh Babu, G. Raju, C. Purna Chander, B. Shoban Babu, R. Srinivas, and G. V. M. Sharma. *Eur. J. Mass Spectrom* 22 (2016) 181.**
 6. *Stress degradation study of Pitavastatin by LC-ESI/MS/MS.* **A. Ramesh Babu, Murali Mohan Bhandi, Harika Batula, R. Srinivas, *IJIRSE.* 2 (2016) 507.**
 7. *Determination of fluoride concentration in ground water of Yerraguntla and Jammalamadugu areas of YSR Kadapa district, A.P, India, B. Hari Babu,, P. Suresh, A. Ramesh Babu, K. Swarna Latha and A.V.V.Swamy, *RASAYAN J. Chem. Vol. 9 (2) , 222 - 226, 2016.**
 8. *Assessment of Trace Metals in Groundwater of Jammalamadugu and Yerraguntla Areas of YSR Kadapa Dt., AP, India Hari Babu. B, Suresh P, Ramesh Babu A, Jaardhanarao D and V V Swamy A, *Oriental J. of Chemistry, 2016, Vol. 32, No. (4):**
 9. *Determination of nitrate in ground water of Proddatur, Mydukur and Yerraguntla areas of YSR Kadapa dist, A.P, India, Hari Babu, B., Suresh, P., Ramesh Babu, A., Bala Murali Krishna, K. and Swamy, A.V.V.S, *International journal of current research, 8, 2016, 37073-37078.**
 10. *Assessment of Physico-Chemical Quality of Groundwater-overview P.Suresh and A.Ramesh Babu, *International Journal of Environmental Science and Technology, 2016, 1(1), 50-53.**
 11. *The Assessment of Fluoride levels in Ground Water of Mydukur Municipality of YSR Kadapa Dt., A.P, India, A. Ramesh Babu, S. Pavan Kalyan, P. Suresh, B. Rajeswari, M. V. Hari Prasad, B. Muralidhara Reddy and V. Sunitha, *IJCPS, 2016, 4(1): 41–44**
 12. *Determination of fluoride concentration in ground water of Muddanur area of YSR Kadapa district, A.P, India, P. Suresh, R. Gangi Reddy, A. Ramesh Babu, B. Rajeswari, V. Sunitha and S. Nagendr, *Oct. Jour. Env. Res. Vol. 3(4): 259-263, 2015.**
 13. *Estimation of fluoride content in ground water of Yerraguntla town of YSR Kadpa dt, A.P, India, Suresh P, Baba Fakruddin K ,Ramesh Babu A, Rajeswari B, Kiran Kumar Y and Sunitha V, *International Journal of Recent Scientific Research Vol. 6, Issue, 12, pp. 7689-7692,2015.**
 14. *Determination of Fluoride concentration in ground water b Ion Selective Electrode method in Proddatur municipality, YSR Kadapa dist, Andhra Pradesh, India, A. Ramesh Babu, R. Gangi Reddy, P. Suresh, B. Rajeswari, T. Samantha Raj, B. Muralidhara Reddy and V.Sunitha, *IJRPC 2015, 6(1), 46-49.**
 15. *Liquid chromatography electrospray ionization tandem mass spectrometry study of nilutamide and its stress degradation products:in silico toxicity prediction of degradation products.* **A.Ramesh Babu, Roshan M. Borkar, G. Raju, B. Raju and R. Srinivas, *Biomed. Chromatogr.* 28 (2014) 788.**
 16. *Differentiation of Boc-N-protected α/β -hybrid peptides containing β -Caa-L-Ala- β -Caa-OMe and β -Caa-L-Ala- β -Caa-NHMe at the C-terminus by electrospray ionization tandem mass spectrometry. G. Raju, A. Ramesh Babu, N. Chandramouli, G. V. M. Sharma, and R. Srinivas. *Rapid Commun. Mass Spectrom.* 25 (2011) 3369.*

17. *HPLC and LC-MS studies on stress degradation behavior of levocetirizine and development of a validated specific stability-indicating method.* Rahul P.Gunjal, G.Raju, **A. Ramesh Babu**, N.Mallikarjun, Nalini Sastri and R.Srinivas. **Journal of Liquid chromatography & Related Technologies**, **34** (2011) 955.
18. *Diastereomeric differentiation of two pairs of glycal derivatives by electrospray ionization tandem mass spectrometry.* **A. Ramesh Babu**, Y. Sridhar, G. Raju, N.S. Swamy, P. Srihari, V. Ramesh and R. Srinivas. **Rapid Commun. Mass Spectrom.** **24** (2010) 2776.

Papers Presented in Conferences/Seminars (Total: 15)

1. *Effect of oil spill on environment and its control measures: a review,* Dr. V. Prabhakar Rao , Dr. C. Nageswar Reddy , **Dr. A. Ramesh Babu**, NCPCSE-2023, ISBN: 978-93-5780-717-3.
2. *Nanomaterials for environmental remediation-a mini review,* **A.Ramesh Babu** , A. Bangaru Babu , M.Sanakara Rao, B.Nagaseshadri , V.Prabhakar Rao, P.Suresh, NCPCSE-2023, ISBN: 978-93-5780-717-3.
3. *Herbal Medicines: Quality Control Methods-A review,* **A. Ramesh Babu**, P. Suresh and B. Rajeswari, National Symposium on Prospects and Potentials in Medicinal and Aromatic Plants at GDC (M), Annapuram 19-12-2015.
4. *Natural products: An evolving role in drug discovery,* P.Suresh, **A.Ramesh Babu**, and B.Rajeswari, National Symposium on Prospects and Potentials in Medicinal and Aromatic Plants at GDC (M), Annapuram 19-12-2015
5. *Impact of e-Waste on health and environment,* **A.Ramesh Babu**, P.Suresh and B.Rajeswari, National Seminar on Swachh Bharat –Role of Society, at SJ GDC Kurnool on 11-12-2015. Page. No. 37-38.
6. *Waste Management in Health Care Industry,* P.Suresh, **A.Ramesh Babu** and B.Rajeswari, National Seminar on Swachh Bharat –Role of Society, at SJ GDC Kurnool on 11-12-2015.
7. *Applications of Green Chemistry principles for Sustainable Economic Development,* **A.Ramesh Babu** and P.Suresh, National Seminar on Opportunities and Challenges of Micro, Small and Medium Enterprises, Srisailem Project, 30th -31st July, 2015.
8. *Indian Textile Industries and Environmental Issues,* P.Suresh, **A.Ramesh Babu** and B.Rajeswari, National Seminar on Opportunities and Challenges of Micro, Small and Medium Enterprises, Srisailem Project, 30th and 31st July, 2015.
9. *Food Processing Industry and Environmental Issues,* Y.Kiran Kumar, **A.Ramesh Babu**, P.Suresh and B.Rajeswari, National Seminar on Opportunities and Challenges of Micro, Small and Medium Enterprises, Srisailem Project, 30th -31st July, 2015.
10. *Leather Industry and Environmental Problems,* G. Baba Fakruddin, **A. Ramesh Babu**, P. Suresh and B. Rajeswari, National Seminar on Opportunities and Challenges of Micro, Small and Medium Enterprises, Srisailem Project, 30th -31st July, 2015.
11. *Socio-Economic effects of water pollution,* R.Gangi Reddy, P.Suresh, **A.Ramesh Babu** and B.Rajeswari, National Seminar on Opportunities and Challenges of Micro, Small and Medium Enterprises, Srisailem Project, 30th -31st July, 2015.
12. *The Three R's of the Environment,* P.Suresh, **A.Ramesh Babu**, K.Lakshmi Prameela, and P.Srinivasa Rao, National Seminar on Environmental Hazards Causes, Controlling Measures , Govt. College for Men (A), Kadapa, 17-03-2015.

13. *Chromatographic Techniques for isolation of Natural Products*” presented a paper for National Seminar on 21st and 22nd August- **2014** on Medicinal plants and its Conservation at Govt. College, Porumamilla, Kadapa district (AP).
14. UGC Sponsored National Seminar on Recent Trends in Chemistry Research on 30th July **2014** at Govt.Degree college, Kodur, Kadapa, Andhra Pradesh.
15. UGC Sponsored National Seminar on 21st and 22nd Aug **2014**at Govt.Degree college, Porumamilla, Kadapa, Andhra Pradesh.

Posters Presented in Conferences/Symposiums (Total: 07)

1. “Differentiation of protanated positional isomers of hybrid peptides derived from β 3-Caa and β -h-Gly by electrospray ionization tandem mass spectrometry” **A.Ramesh Babu**, G. Raju, K. Srinivas Reddy, R. Srinivas and G. V. M. Sharma International Conference “Nature Inspired Initiatives in Chemical Trends” (NICT-2016), on 19-20 September 2016 at IICT, Hyderabad.
2. Stress degradation study of Pitavastatin by LC-ESI/MS/MS. **A. Ramesh Babu**, Murali Mohan Bhandi, Harika Batula, R. Srinivas, Presented a paper in International Conference “Innovative Trends in Science, Engineering and management” (ICITSEM-16), at New Delhi on 27-05-2016, ISBN: 978-81-932074-9-9. Page: 489-496.
3. Identification and Characterization of stressed degradation products of Nilutamide by LC-ESI MS/MS **A.Ramesh Babu**, G.Raju, B.Raju and R.Srinivas. National Poster Symposium conducted by Royal Society of Chemistry- DS, IICT, Hyderabad, on 15th Dec.2012.
4. Nutraceuticals: The future of intelligent food, N. Noorjahan, **A. Ramesh Babu** , P. Suresh and B. Rajeswari, National Symposium on Prospects and Potentials in Medicinal and Aromatic Plants at GDC (M), Anatapuron 19-12-2015.
5. Popular Medicinal Plants in our daily life, K. Puspha, P. Suresh, **A. Ramesh Babu** and B. Rajeswari, National Symposium on Prospects and Potentials in Medicinal and Aromatic Plants at GDC (M), Anatapur on 19-12-2015.
6. Plants as a source of Anti-Cancer agents, S.Pavan Kalyan, **A. Ramesh Babu**, P. Suresh and B. Rajeswari, National Symposium on Prospects and Potentials in Medicinal and Aromatic Plants at GDC (M), Anatapuron 19-12-2015.
7. Marine Pollution: Causes, Impacts, challenges and approaches, G.Gurushankar, **A. RameshBabu** and P. Suresh, National Seminar on SwachhBharat –Role of Society, at SJ GDC Kurnool on 11-12-2015.

Participated in OC/RC and FDP:(Total: 14)

1. Participated in Induction Training Programme for newly recruited lecturers by AP CCE at GDC Anantapur from 26-12-2011 to 31-12-2011
2. Participated “**Orientation Program**” from at ASC, S.V. University, Tirupati, from 25-11-2013 to 21-12-3013.
3. Participated “**Refresher Course**” from at ASC, University of Hyderabad, from 22-08-2013 to 11-09-2013.
4. Participated “**Refresher Course**” from at UGC-HRDC, S.V.University, Tirupati, from 23-12-2019 to 04-01-2020.
5. Completed ARPIT in **Online Refresher Course In Chemistry For Higher Education** on 16-02-2020.

6. Completed **NPTEL online Certificate Course in Medicinal Chemistry**, Jan-Apr 2020 (12 Weeks).
7. Participated **Faculty Development Programme in Chemistry** Organized by Commissionerate of Collegiate Education, Govt. of A.P, from 01-07-2020 to 05-07-2020.
8. Participated **Faculty Development Programme** in Recent Advances and approaches in Chemistry, Chemical Biology and Drug Discovery Organized by Adikavi Nannaya University, Rajamahendravaram, from 11-06-2020 to 17-06-2020.
9. Participated **Faculty Development Programme** on Innovation to Academicians conducted by NewGen IEDC-RCE Eluru from 11-05-2020 to 16-05-2020.
10. Completed faculty development program (**FDP**) on Assessment and Evaluation in Higher Education from 14th July to 20th July **2021** organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education.
11. Completed faculty development program (**FDP**) on Basics of Research Methodology and Issues in Plagiarism (An Interdisciplinary Approach) from 31st May to 06th June **2022** organized by Guru Angad Dev Teaching Learning Centre, a Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education and Department of Business Economics, SGTB Khalsa College, University of Delhi.
12. Completed faculty development program (**FDP**) on Safer and greener chemistry labs from 19th July to 25th July **2022** organized by Guru Angad Dev Teaching Learning Centre, a Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education, SGTB Khalsa College, University of Delhi.
13. Completed UGC-Approved Short-Term Professional Development Programme on Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers' held from October 27-November 05, **2022** organized by Indira Gandhi National Open University, New Delhi.
14. Completed faculty development program (**FDP**) on e-Content Development from 10th October to 16th October **2023** organized by Guru Angad Dev Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi

Honors and Awards

1. Secured **first rank (Topper in the class)** in M.Sc (Analytical Chemistry) in S.V. University, during 2003-2005.
2. Qualified in **GATE 2006 and GATE 2007**
3. Awarded Junior Research Fellowship (**JRF**) (UGC) at Indian Institute of Chemical Technology (**IICT**), Hyderabad during Oct 2008 to Oct Sept 2010.
4. Awarded Senior Research Fellowship (**SRF**) (UGC) at Indian Institute of Chemical Technology (**IICT**), Hyderabad during Oct 2010 to Dec 2011.