

Mr. SITALU KARUMUTCHU, M.Sc., (Ph.D)

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Professional Experience:

- Presently working as Academic Consultant in department of chemistry and pharmacy, Krishna University, Machilipatnam, Andhra Pradesh.
- One year experience as Lecturer in Pavitra Degree College, Machilipatnam.

Educational Qualifications:

- **Ph.D (2018):** Department of Chemistry, JNTU, Kakinada
- Thesis Submitted “Synthesis, Characterization and biological properties of Cu and Ru-NHC complexes”
- **M.Sc., (2007)** Organic Chemistry, Acharya Nagarjuna University, Guntur. - First Division
- **B.Sc., (2003)** Botany, Zoology and Chemistry, Acharya Nagarjuna University, Guntur. - First Division

Achievements:

- Qualified AP-SET in chemical sciences in 2017.
- University **Ist Rank** in Advanced spectroscopy subject in 2005-2007 batch.
- College **Ist Rank** in English subject from Govt. Junior College, Movva, in 1998 batch.

Research experience:

- Ph.D Research at JNTU-K on “Synthesis, Characterization and biological properties of Cu and Ru-NHC complexes”
- M.Sc., Dissertation on Water and Soil Analysis

Awards and Honors:

1. Best poster award in International Conference on Sustainable Environmental Sanitation and Water Resources during the New Millennium, (SESNM-2008) at GITAMS, Vizag (2008).
2. Best Oral presentation award in National Conference on Marine Natural Products as Pharmaceuticals, at CHIPS, Guntur, AP (2015)

Research Publications:

1. **Sitalu, K.**, Hari Babu B. and Lakshmana Rao, A. Synthesis of Ru-NHC complex from caffeine and its activity against malarial parasites. European JI of Pharmaceutical and Medical Research, 5(2), 445-449., 2018
2. Neeraja, Y. Ammani , K. **Sitalu K.** and Naveena Lavanya Latha, J. Assessment of Bio oil production from mixed algal cultures from Godavari region against microflora responsible for GI tract infections. European JI of Pharmaceutical and Medical Research, 5(2), 450-453., 2018.
3. **Sitalu, K.**, B. Hari Babu and A. Lakshmana Rao. Synthesis, characterization and anti microbial activity of Cu derivatives of NHC-II complexes. Pakistan Journal of Biological Sciences: 20 (2):82-91 pp, 2017.
4. Satya Raj, A. and **Sitalu, K.** Gradient HPLC method development and validation of Bromazepam tablets. International JI of Research and Reviews in Pharmacy and Applied Sciences

Training courses attended:

1. Two week FDP on “New Frontiers in Synthesis and Analysis of Drugs and Pharmaceuticals” at CHIPS, Guntur during 2nd-16th August, 2013 sponsored by AICTE, New Delhi.
2. Two week audit course on “Research Methodologies” at JNTU-Kakinada during 1st -15th May, 2014
3. Two week audit course on “Intellectual Property Rights and Patents” at JNTU-Kakinada 16th -30th May, 2014

Paper presentations in conferences and seminars:

1. Regional Seminar on Environmental Pollution with special reference to Pesticide Pollution, PB. Siddhartha College of Arts & Science, Vijayawada July, 2006
2. Intl Conference on Sustainable environmental sanitation and water resources during the new millennium, GITAMS University, Visakhapatnam-SESNM-2008

3. National Seminar on Emerging Trends on Chemistry, Govt Degree College, Tuni, July, 2008
4. National Seminar on Nanotechnology, SRR & CVR College, Vijayawada, Dec, 2009
5. National Seminar on Effect of Pollution on Climatic Changes by Sri Velagapudi Ramakrishna Memorial College, Guntur, Sept, 2010
6. National Seminar on Recent Trends in Pharmaceutical Chemistry (RTPC-2011) by Krishna University, Jan, 2011
7. National Seminar on Chemistry of Natural Products by Krishna University in Nov, 2011
8. National Seminar on Significance of Green Strategies for Environmental Protection by KBN College, Vijayawada, Dec, 2012
9. National Level workshop on Intellectual Property and Innovation Management in Knowledge Era, by NRDC New Delhi and Krishna University, Feb, 2013
10. International Seminar on Emerging Trends in Synthetic Organic Medicinal Chemistry (ESMS-2013) by Vikrama Simhapuri University, Nellore, Nov, 2013
11. National Symposium-II on Advances in Organic/Medicinal Chemistry, AOMC-2013 by RSC, London and Krishna University, Dec, 2013
12. National Seminar on Green Chemistry-Its impact on Environmental Protection by CR Reddy College, Eluru, Feb, 2014
13. National Seminar on Shaping the Future with Green Chemistry-SFGC-14 by Sri Padmavathi Mahila Hindu Kalasala, MTM, Jun-2014
14. National Seminar on The role of Natural Product Chemistry in Drug Discovery-RNPCDD-2014 by KRU, MTM, Sept, 2014
15. Two day National NAAC awareness workshop on Role of Assessment and Accreditation in enhancing quality of higher education by KRU, MTM, Feb, 2015
16. National Seminar on Recent Trends in Synthetic Organic and Natural Product Chemistry-RTSONPC-2015 by Noble College, MTM, Feb, 2015
17. National conference on Marine Natural Products as Pharmaceuticals by CHIPS, Guntur, July, 2015
18. National Seminar on Advances in Chemical Science-NSACS-2015 by KBN College, VJA, Sept, 2015
19. Organizing Committee member for South Zone Inter University Volley Ball (W) Tournament-2015-16 by KRU, MTM, Feb, 2016

20. Participated in 2nd Indo West Indies Conference on Global Research Trends & Challenges in Pharmaceutical Sciences by APP-AP state Branch, July-2016
21. One day workshop on NIRF-Methodology for Ranking of Academic Institutions in India by KRU, MTM, Sept, 2016
22. One day NAAC awareness workshop on Assessment and Accreditation Preparations in Higher Education by KRU, MTM, Sept, 2016
23. National Seminar on New Trends in Drug discovery and Health by St. Mary's Group of Institutions Guntur, Sep, 2016
24. One day Workshop on Mental Health awareness by KRU, MTM, Oct, 2016
25. Poster presented in 2nd AP Science Congress at P.B. Sidh. College of Arts and Science, VJA, Nov, 2016
26. One day Seminar on Demonetization of Currency and Using of Digital Products, KRU, MTM, Nov, 2016.
27. Co-coordinator for Accommodation Committee, Krishna Tarang-2016 by KRU, MTM, Nov, 2016
28. National Conference and Pharma Quiz on Advances and Current Trends in Pharmaceutical research and Drug Discovery by Nirmala College of Pharmacy, Mangalagiri, Dec, 2016
29. Participated in 68th Indian Pharmaceutical Congress by Andhra University, Dec, 2016
30. Participated in One day National level workshop on Dissemination of geospatial technology for development of AP by APSAC & KRU, MTM, Jan, 2017
31. Three day workshop on Problem based teaching and learning of organic chemistry by CHIPS, Guntur, Feb, 2017
32. One day National workshop on Spectroscopy and analyzing spectral data by KBN college, VJA, Sept, 2017
33. Poster presented in National Seminar on Perspectives on Solid Waste Management by KRU, MTM, Oct, 2017
34. Participated in National Level Art level Art Exhibition by KRU, MTM, Oct, 2017
35. Participated in International conference EBIO-2013 at Andhra University, Vizag during 1-3 March, 2014
36. Participated in International conference EBIO-2017 at Andhra University, Vizag during 25-27 November, 2017.

Administrative & other Experience:

1. Examination Associate, KRU, during 20-10-2011 to 20-06-2013
2. Teacher Associate, Spot Valuation in Krishna University-2016 during March-December, 2016.
3. Officer-In-Charge in Directorate of Admissions during February, 2017 To date
4. Teacher Associate, KRU Spot Valuation, During November-2017 To date

References:

1. Prof. S. Ramakrishna Rao

Vice Chancellor, KRU, MTM

9848499939; vicechancellorku@gmail.com

2. Prof. D. Surya Chandra Rao

Department of Business Management, KRU, MTM

9440149149; profdsrao@gmail.com

3. Prof. P. King

Registrar, KRU, MTM

9440191017; registrarku@gmail.com