

Dr. KaramchedRadha



Designation: Reader and Head of the Department (PG)

Department: Chemistry

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Phone nos.: M: + 919885351110 , Res: 040 23746000,

Education:

Ph.D.: Osmania University

M.Sc.: Osmania University

Experience: 28 years

Research interests:

- Bioinorganic chemistry and Environmental Chemistry.

Books authored:

Chemistry @ College2.0, ISBN:978-93-5024-621-4

Recent publications:

- Air pollution in industrial area, International journal of environment and agricultural research, May 2016, ISSN no 2454 1850.
- Impact of Microwave heated water on Germination of seeds and growth of plant systems, World journal of Pharmaceutical research, 24/05/2016 Vol (5), ISSN no 2277 105.
- Isolation, separation and docking analysis of β -carotene and lycopene from various fruits and vegetables, International educational scientific research journal, august 2016, ISSN no 2455 295 Vol (2).
- Synthesis, characterization and biological activity of Cu(II) and Ni(II) mixed complexes with PFA and other N-O⁻, N-N and O⁻-O⁻ donar ligands, Journal of bioinnovation4(6) pg 347-356, 2015
- Formation and stability of Binary and Ternary metal complexes containing chelating ligands and their biological activity, International journal of sciences-Basic and applied research, ISSN 2307-4531, pg 257-264, 2014
- Extractive spectrophotometric determination of Tamsulosin HCl in pharmaceutical formulations using acidic trimethylene dyes, Asian journal of research in chemistry (online) 2011.
- Determination of Phenolic antioxidants by visible spectrophotometry using Horse Radish Peroxidase catalyzed oxidative coupling reactions in edible oils, *Bulletin of Pure and applied sciences*, 29c(1), 2010, 63-75.

- Triethylenetetramine as a detoxification agent for Cu(II) - An equilibrium study of binary and mixed ligand complexes, *International Journal of Chemical Sciences*, 5(2), 2007, 555-566.
- Investigation of Binary and mixed Ligand Ni(II) and Cd(II) complexes containing Phosphonoformic acid - An Antiviral Agent, *Oriental Journal of Chemistry*, 23(1), 2007, 195-204.
- Study of Binary and mixed Ligand Ni(II) and Cd(II) complexes containing Phosphonoformic acid - An antiviral agent, *International Journal of Chemical Sciences*, 4(3), 2006, 635-648.
- Binary and mixed Ligand Cu(II) complexes containing Phosphonoacetic acid - An antiviral agent, *Bulletin of Pure and applied sciences*, 25C(1), 2006, 39-54.

Other Professional Experience:

- Board of studies member in Autonomous College.
- Adjunct faculty in RJUKT (IIIT), Hyderabad.

Participation in International Conferences:

- Participated in International conference organized at Dept of Biochemistry, OU, Biochemistry Nutrition and Pharmacy in Human welfare: Trends and Future challenges. 22nd to 24th February 2016.
- Participated and presented a paper on “Impact of microwave soil on germination of seeds” in an international conference on Green trends in Environmental Sustainability, organized by St. Ann's college for women, Hyderabad on 16th and 17th December 2016.
- Participated and presented paper on comprehensive studies on climate change and air pollution controlling technologies, in Mysore, 2015.
- Participated in symposium on the role of women in chemistry organized by Deccan section-RSC
- 18th International Conference on Learning - University of Mauritius, Mauritius, 2011.
- International Conference - Green Summit on Climate Change - Issues and Concerns at St. Ann's College for Women, Mehdipatnam, Hyderabad 2010.
- International Conference on Climate Change - Perspectives and Projections - A systems Approach – Hyderabad, 2010.
- International Conference for Chemistry and Environment – Indore, 2005.

National Conferences attended: 18

Invited talks:

- MANA TV Programmes, Department of Collegiate Education, Government of Andhra Pradesh - 2000 to 2004
- Resource person in several Degree Colleges and PG colleges in Hyderabad.

Achievements / Awards:

- **Bharat Ratna Dr.APJ Abdul Kalam Excellence Award 2017**
- **Bharat Gaurav award 2016**
- **Glory of India gold medal 2016**
- **Best citizen of India**
- Matrudevobhava award in the memory of Late Sri laxmi devi(Ex minister) 2015
- Sharada Shiromani award given by Bharatiyavignana parishad at Hyderabad 2015
- Awarded sri sharadadevi shiromani award by BharatiyaSamskruthiNirmanaParishad 2015
- Awarded Maharani Jhansi Purashkar by BharatiyaSamskruthiNirmanaParishad – 2009
- Fellow member of International Congress for Chemistry and Environment.
- Life member of Indian academy of sciences.
- Member of The Royal Society of Chemistry.
- National editorial advisory board member of journal of Environmental Nano Technology.
- Guide to M.Phil students

Grants :

Three minor research project funded by UGC, one minor research project funded by CPE scheme.

