

FACULTY PROFILE



Name: Dr. RENU RANI

Designation: Associate Professor

Teaching Areas: Chemical Thermodynamics, Coordination Chemistry, Organic Chemistry, Environmental Sciences

Research Interests: Synthetic Organic Chemistry

Education:

- Ph.D. ,Inorganic Chemistry, Osmania University, Hyderabad,2002
- M.Sc., Osmania University, Hyderabad, 1979
- B.Sc.,Vanita Mahavidyalaya, Hyderabad,1977

Professional Experience : 32 Years

1. 2012-till date: Associate Professor, FST, IFHE, Hyderabad
2. 2002-2011: Faculty Member, ICFAI Institute of Science and Technology, Hyderabad, A.P.
3. 1984-2002: Lecturer, Stanley Girls Junior College, Hyderabad, A.P
4. 1979-1984: Research Scholar, Indian Institute of Chemical Technology, Hyderabad, A.P

Research / Selected Publications:

1. Equilibrium studies of 3 -Hydroxy-2-phenyl quinoxaline-4-one with bivalent transition metal ions in presence of other chelating agents, 2005, Proceedings of National Academy of Sciences, Vol. 75A, Part II, 156-161.
2. Alkylation and acylation of 3, 5, 6-Trichloropyridine-2-one and 2-Isopropyl-6-methylpyrimidine-4-one, 1985, Indian Journal of Chemistry, Vol 24B, PP No. 290-295
3. **Patent filed with Govt. of India:** The patent office Kolkata, on the "Process for the manufacture of organo phosphorous compounds for combating pests".