

## Faculty Profile

Name: **Dr. Renu Rani**

Designation: Associate Professor

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



Research Interests: Synthetic Organic Chemistry

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-tilldate: 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-phenylquinoxaline-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".