



**Dr. Ch. Sarala Devi M.Sc., Ph.D**

Professor of Inorganic Chemistry

Email: dr\_saraladevich@yahoo.com

---

Professor Ch. Sarala Devi, currently the Chairperson, Board of Studies (BOS), Department of Chemistry has 28 years teaching and 33 years research experience. Her area of specialization is Bioinorganic Chemistry. She has published 58 papers to her credit in reputed journals. Thirteen students were awarded Ph.D. under her guidance. She has completed a UGC sponsored research project entitled "Interaction of Metal Ions with Some Important Biologically Active Chelating agents" (2003-2005) and a UGC Major Research Project on the topic "Interaction of Metal Ions with Camptothecin Derivatives and Luotonin A; Inhibitory Activity on Topoisomerases I and II and DNA Relaxation Assay Studies (2012-2016)". She is a member of Indian Chemical Society, American Chemical Society and Indian Association of Chemistry Teachers. Attended number of conferences at national level and presented papers. She got recognition for her achievements in 'Marquis Who's Who in the world' 2011, 28th edition. She contributed in designing curricula of new courses viz; Biological Chemistry at UG level and Analytical Chemistry at PG level at OUCW. She was coordinator for course "PG Diploma in Chemical Analysis and Quality Assurance" from 2007-2011 at Nizam College. She has facilitated the students of course to undergo "Hands on Training on Sophisticated Instruments", a programme sponsored by MSME, Central Government Organization.

Prof. Sarala Devi served Osmania University as Director, Research Development & Consultancy Cell (RDCC), for a period of four years (2012-2016) and facilitated its activities such as: Assisting teachers in filing patents, promoting close interaction between University, Private and Public Academia to promote R & D activities through MoUs and encouraging student projects at UG and PG level through consultancy. She approached corporate organizations for strengthening the activities of RDCC under the title "Corporate Social Responsibility". She has conducted a seminar on "Skill Development Programme" to bring awareness among students and research scholars about significance of skills and their development, leadership qualities, ethics and morals. She organized an interaction session of Professors and Research Scholars of Osmania University with renowned Scientist Dr. Venkateswarlu Pothapragada, D.Sc.,(Biochemistry), Ph.D, having sixty years of research experience. To bring awareness about consultancy, One Day Orientation programme on "Research and Consultancy" was conducted to provide a platform for convergence of researchers in academic institutions and technology experts in industry. She has facilitated in conducting an International Workshop on Maritime Asia: Peace, Prosperity and Progress through Sea at the Indian School of Business (ISB) in 2014. She conducted invited lectures by Prof. Yu-Tai Tao, an eminent Scientist from Institute of Chemistry, Academia Sinica, Taiwan (2014), and on "Seven Barriers involved in the Process of Waste Water Purification to Potable Drinking" by Dr. Amarnath Reddy, Consultant Programmer at Mindspeed Technologies, Australia (2015).

She conducted One Day Seminar on Academia and Industry in Department of Chemistry by inviting experts from academia, research organizations and industry on one platform to have deliberations in designing syllabus to bridge the gap between the knowledge gained by students in academic institutions and skills required in industry (2014). She was placement coordinator in the Department of Chemistry (2011-2014) and facilitated placements of students by coordinating the activities at Directorate of Placement Cell, OU.

The topics of her interest for teaching are Spectroscopy, Bioinorganic Chemistry, Nanotechnology and Green Chemistry. The areas of her research work encompass Coordination Chemistry, Spectro-Analytical and Computational Chemistry.