



Dr. P V Anantha Lakshmi M.Sc., Ph.D

Professor of Inorganic Chemistry

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Dr. P V Anantha Lakshmi is Professor and her academic qualification is MSc Chemistry (Inorganic), PhD. She received Dr Sabitha MLN Reddy Gold medal for standing first in MSc Inorganic Chemistry during the academic year 1984-1986, CSIR Fellowship in 1987 and Best teacher award by Chemical Research Society of India in 2011. She has 29 yrs. PG teaching experience, taught various topics at P G level, compiled manuals for P G students, established new courses, resource person at Department of Chemistry, SKD University, MG University, APSWRJC and many colleges.

Dr. P V Anantha Lakshmi did research on Synthesis, Structural Elucidation of Transition Metal Complexes Derived from some Biologically Active Quinoxaline Derivatives. Her research areas are Coordination Chemistry, Drug DNA interactions, Synthetic Organic Chemistry, Pharmaceutical analysis, Drug polymorphism studies and impurity profiling of drug substances. She is a registered guide of Osmania University and IGNOU, ten were awarded PhD and six are pursuing their work. She has 58 published papers in National and International Journals to her credit and She is one of the authors in Intermediate First Year Chemistry Text Book and Intermediate Second Year Chemistry Text Book published by A.P. Telugu Academy and Telangana Telugu Academy. She is reviewer for Elsevier Journals like European Journal of Medicinal Chemistry. She completed four research Projects. 1. CPE minor research Project titled "synthesis of N-Heterocycles of biological importance by applying green methodologies" during 2006-2007. 2. UGC Minor research project on "Synthesis and Characterization of Biologically active Transition Metal Complexes of Schiffbases derived from Hydrazino Quinoxalines" during 2009-2011. 3. OU- DST-PURSE project on 'Synthesis, Characterization, DNA binding, cytotoxic and Anti-diabetic activity studies of metformin complexes" during 2018-2022. 4. OU-UGC-UPE-FAR project on "Transition metal complexes of Metformin: Synthesis, Structural, DNA Interaction and Anti-diabetic studies" during 2019-2020

Dr. Anantha Lakshmi organised several seminars / workshops, served as I/C Head, Department of Chemistry, UCW in 2014 & 2015, Member, Board of Studies, Chemistry, University College for Women, 2008-2017, Member, Board of Studies, Pharmaceutical Chemistry, Osmania University, 2010-2012, Member, U.G. Board of Studies, Chemistry, Osmania University, 2010- 2015 & 2018-2020 Member, P.G. Board of Studies, Chemistry, Osmania University, 2013-2016, Coordinator, IQAC, UCW, 2016-2017, Member, Executive Council, Osmania University Chemistry Alumni Association, Additional Controller of Examinations, Examination Branch, University College for Women 2007-2008, Coordinator-Analytical Chemistry Course, University College for Women, 2011-2017, Coordinator-Quality Management Cell, University College of Technology, 2017-18; Member, P.G. Board of Studies, Chemistry, Loyola Degree & P G College; and also involved in many other confidential works.

At present Dr P V Anantha Lakshmi is Member, Departmental Committee, Department of Chemistry, Osmania University; Member, P.G. Board of Studies, Chemistry, Osmania University and M. G. University; Life member, Indian Council of Chemists; Life Member, Indian Science Congress Association.