



Dr. T. Parthasarathy M.Sc., Ph.D

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Prof. T. Parthasarathy is a professor at the Department of Chemistry, Osmania University since 2006. His research interests include Molecular Modeling and Drug Design with special reference to Virtual Screening, Docking, Homology, ADMET, Molecular Dynamics, QSAR, Semiempirical Methods – AM1 and PM3, In vitro Spectrophotometric Antioxidant Study, Synthesis, Spectroscopic, Thermodynamic Studies of Charge Transfer Complexes and DFT Computational Studies. Prof. T. Parthasarathy's research group includes 14 Doctoral students who pursuing their Ph. D. degree. Eleven students were awarded Ph. D. degree under his guidance. He has completed two UGC Projects. Now there are two ongoing research projects sanctioned by UGC. He has attended 43 National, International Conferences and was adjudged Best Research Paper on three occasions. He has published 64 research papers in national and international peer-reviewed journals and 4 books.

Prof. T. Parthasarathy has reviewed several research articles and journals, J. of Chemical Education, USA, Indian J. of Chemistry, International Journal of Chemical Kinetics, Medicinal Chemistry Research and Chemical Science Transactions. He is the member of prestigious professional bodies such as American Chemical Society, Indian Science Congress and Indian Association of Chemistry Teachers. He has delivered invited lectures in First AP Science Congress and Fourth Indo-US lecture series on Discrete Mathematical Chemistry. He presented research papers in American Chemical Society, USA twice. He is a resource person for designing curriculum for UG and PG programmes in the field of Physical Chemistry and Molecular Modeling. He was Coordinator for the course Chemoinformatics during 2007-2009 at Nizam College. He was Principal for University College of Science, Saifabad during 2009-2013. He was convener for two National Conferences. Under his chairmanship one International, six National conferences, three Workshops and one INSPIRE program and a Science fair were organized. He was awarded Bharat Vidya Siromani Award-2011 by the Indian Solidarity Council, New Delhi and Eminent Educationist Award-2011 by the International Institute of Education and Management, New Delhi. He is presently working as Dean, Development & UGC Affairs. He also worked as Director, Research Development & Consultancy Cell.