



**Dr. P. Muralidhar Reddy M.Sc., Ph.D**

Assistant Professor of Inorganic Chemistry

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Dr. P. Muralidhar Reddy is working as Assistant Professor, Department of Chemistry, Nizam College, Osmania University since 2013. He has received B.Sc., M.Sc., and Ph.D. in chemistry from Kakatiya University, Warangal, Telangana State, India.

Dr. P.M. Reddy worked as a visiting faculty member at Tzu Chi University, Hualien for two months in 2014. He also worked as Postdoctoral Fellow (PDF) at National Dong Hwa University (NDHU), Taiwan from August 2007 to September 2013. During this period, he has focused on the synthesis, characterization of nanoparticles towards biological applications and identification of the microorganisms by electrospray ionization (ESI)/Matrix-assisted laser desorption ionization (MALDI) mass spectrometry techniques. During the period of his doctoral research work (2002 to 2006), he has developed various methodologies in Inorganic and Analytical chemistry. He also has Industrial Experience in Analytical Research and Development (AR&D), Hetro Drugs Limited (R&D), Hyderabad, India.

Dr. Reddy has published over 60 Research Papers in reputed International and National Journals (Citations: 930, h-index: 18, i10index: 27) and one patent to his credit. He has also presented research papers in 50 National and 25 International conferences. He has delivered guest/invited lectures in various colleges/conferences. He is a Life member of Indian Council of Chemists (ICC), Indian Science Congress Association (ISCA), India and Member of Taiwan society for mass spectrometry (TSMS), Taiwan. He is a reviewer for over 15 National and International professional journals.

Dr. Reddy has 11 years of teaching and 15 years of research experience. His research focuses on Coordination Chemistry, Bioinorganic Chemistry, Organometallic Chemistry, Biological Activity, Catalytic Applications on Drugs, Synthesis and Development of functionalized magnetic Iron oxide (Fe<sub>3</sub>O<sub>4</sub>), Titanium dioxide (TiO<sub>2</sub>), and Silver (Ag) Nanoparticles towards Biological Applications and Developing Mass Spectrometric Methods for Analysis of various Microorganisms.

Under his supervision 10 P.G. students have completed their dissertation work and 8 scholars are currently working for their Ph.D. degree. His research activities are supported by various funding agencies like NSC-Taiwan, Tzu Chi University, UGC, DST and CSIR, New Delhi, India. He is a member of several committees of Nizam College, Osmania University. He is presently working as Placement Officer, Nizam College, Osmania University and is a Joint Secretary, Osmania University Chemistry Foundation (OUCF).

Dr. P.M. Reddy is recipient of Best Teacher Award-2015 (Nation Builder Award-2015) for the cause of educating the future generation of our country, 5th September, 2015 by Rotary Club of Hanamkonda, Telangana. Received Best Paper Presentation Award (Ranked First) in ICNN-2011 and RAC-2015. He has received two gold medals in B.Sc. and M.Sc. and also received the most popular student award in 1999.

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