



Dr. A. Hari Padmasri M.Sc., Ph.D

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Dr A Hari Padmasri is an Assistant Professor recruited into the OU service in 2007. She worked at University College for Women till July 2017 and is currently working at Dept. of Chemistry, UCS, OU. She pursued her M.Sc Chemistry with Physical Chemistry as specialization at Osmania University qualifying it in first division with distinction. She then did her doctoral work at IICT, Hyderabad and was awarded the degree with Osmania University in 2001 with her thesis entitled “**Hydrodechlorination of CCl₂F₂ over calcined Mg-Al hydrotalcite supported Pd based catalysts**”. She pursued her PhD as UGC-JRF and SRF on qualifying GATE. She went on to do her postdoctoral work with CSIR-RA at IICT from 2001 to 2006 followed by CSIR-SRA (Scientist Pool Scheme) from 2006-2007. Later on with the award of Women Scientist Scheme under DST, New Delhi she pursued it from 2007 to 2010.

Dr Padmasri has 11 years of teaching experience in UG & PG and taught almost all the fundamental topics of *physical chemistry*. Her research experience is about 17 years in the area of *Catalysis, Nanomaterials and sustainable energy (biomass valorization)*. She is a registered guide of Osmania University and is currently guiding 9 students and is a co-guide of one research scholar.

She has published **40 papers** in international peer reviewed journals of repute with an *h-index of 18, i10-index of 21 and citations of 1111*. She filed **1 Indian and 3 US patents**. She received best paper presentation award for her research work at the 14th National symposium on Catalysis held at Anna University, Chennai in December 1998. She is one of the Key authors of the paper presented at 7th International Symposium on Feedstock Recycling of Polymeric Materials at New Delhi from 23-26th October 2013 which received the **best oral presentation award**.

She completed two research projects: “Exploration of the gold nano particles: Synthesis, characterization and their applications in the Selective oxidation of methane to value added products.” *DST Award No: SR/WOS-A/CS-42/2005* and “Biomass to Syngas: Catalytic Cleanup” Funded by Department of Science & Technology under “India-Ireland Cooperative Science Programme’ – a Joint research project for FY 2011.

She is a life member of Catalysis Society of India, Indian Association of Chemistry Teachers, Osmania University Chemistry Alumni Association, International Society of Teachers and Researchers in Chemistry (ISRTC) & Journal of Teaching and Research in Chemistry (JTRC), Indian Council of Chemists (ICC) and Associate Fellow, Telangana Academy of Sciences.

She reviewed articles for Elsevier Journals like Catalysis Today & Modern Chemistry of Science Publishing Group, USA, Bentham Publishers, International Journal of Photochemistry and Photobiology (IJPP), The Science Publishing Group, USA.

She conducted various Innovative and skill oriented programmes for students and faculty members as coordinator, R & IP cell, at Univ. College for Women, koti, Hyd. She was the Coordinator, R & IP Cell since Dec’15 to July ’17; Controller of Examinations from March-April 2017 and I/c Head, Dept of Chemistry, UCW from June-July 2017. She is presently a Member, Departmental Committee, Dept. of Chemistry, O.U. since Nov.’15 and currently a Member BOS, Dept. of Chemistry, O.U. College of Engineering & Member BOS, Dept. of Pharmacy, Telangana University.