

FACULTY

Prof. A. Roja Rani

M.Sc, Ph.D, PDF (USA), FTAS



Prof. A. Roja Rani, Fellow of Telangana Academy of Science, Post Doctoral Fellow, USA, member AAAS United State of America, is Former Principal University College for Women, Koti, Hyderabad from 2018- 2021. She is recipient of Raman Fellowship for Post-Doctoral Research in United States of America for the academic year 2012-2013. She has completed Bachelor's and Master's degree from Osmania University and Ph.D. in Plant Science from School of Life Sciences, University of Hyderabad. She has established mammalian cell culture facility under DST-SERB project for which she was trained in USA during her Post-Doctoral studies. Her areas of research interest include Cancer biology, qualitative and quantitative assessment of biochemical compounds extracted from medicinal plant, to test for their medicinal properties against Cancer, Epilepsy and Diabetes. She studies molecular biology of breast cancer, recently published the same in Nature group of Journals. She identified new Dot blot technique for identifying cancer cells in blood stream for which she has been granted with two patents recently. Additionally, she has three patents published. Her research also includes plant transformation for stress tolerance and plant tissue culture. She organized several national conferences and workshops. She completed UGC-MRP, CPEPA, DST-PRSE and DST-SERB funded projects. She completed several administrative positions successfully. Eight students have been awarded with Ph.D degree and nine students are working for their Ph.D degree under her supervision. She has 66 publications in international journals. She is a member in many international bodies like AAAS United State of America, The Indian Science Congress Association, Life membership in Society for Neurochemistry, Life membership in OWSD, Life membership in Laboratory Animal Scientist's Association (LASA), India. She is an editor for BSc I&II Semester Biotechnology text book published by Telugu Academy, Hyderabad, and for B.Sc third year Sem-V Economic Botany and published three book chapters. She visited Singapore and USA.