

**Prof. H. Surekha Rani**

M.Sc, Ph.D

Head &amp; Coordinator, Department of Genetics &amp; Biotechnology

Former Vice-Principal, UCS, OU

Former Chairperson – BOS in Genetics &amp; Biotechnology



Prof. H Surekha Rani, Head, Department of Genetics and Co-ordinator Biotechnology (2022-till date), served as the Vice Principal of University College of Science, Osmania University and was also appointed as a Chairperson BOS Biotechnology from September 2014- November 2017 and Chairperson BOS Genetics from 18.04.2017 to 16.12.2021 & from 08.07.2022 to 23.01.2023. She obtained her Masters degree in Genetics from Osmania University in 1993. She qualified GATE-1993 & Joint CSIR - UGC - National level test for Junior Research Fellowship and Eligibility for Lecturer ship -1994 and was awarded PhD degree in Genetics from Osmania University in 2001. She was selected for the award of Post-Doctoral Fellowship funded by the Department of Biotechnology, Ministry of Science and Technology, Government of India from 2002-2004. She later worked as a Scientist and In-charge of Cytogenetics Department at Institute of Genetics and Hospital for Genetic Diseases, and joined as an Assistant Professor in 2007, at Department of Genetics, University College of Science, OU. Her areas of research interest is to unravel the genetic and epigenetic mechanisms associated with immunological & inflammatory responses, oxidative stress, matrix metalloproteinases, apoptosis, cholesterol biosynthetic & homeostatic genes in multifactorial disorders like Coronary Artery Disease, Type 2 Diabetes, Type 2 Diabetic Nephropathy, Otosclerosis, Breast & Oral Cancers for identification of asymptomatic individuals at risk of disease/ early diagnosis/prognosis and therapeutics. Prof Rani has supervised 13 students for their PhD degree, 2 for Postdoctoral Fellowship and presently 7 students are working for their PhD degree under her supervision. She is a member in Indian Immunology Society Indian Society of Human Genetics, Indian Science Congress, Third World organization of Women scientists (TWOWS). She has **'11' research projects** to her credit funded by UGC (2 MRP, CPEPA, CAS), UPE-FAR, DST (PURSE I & II), DBT-ISLARE & BUILDER and DST-FIST I&II, programmes. She has attended various International, National Conferences, and Workshops and also delivered invited talks.. She has also organized several conferences and workshops on academic interactions. She is a governing body member, subject expert, member of the board of studies of some of the constituent and affiliated colleges of Osmania University. Prof Rani has **85 publications** to her credit in International and National peer reviewed journals like **Scientific reports, Journal of Gene Medicine, PLOS ONE, Tumor Biology, Apoptosis, DNA & Cell Biology, Gene, Inflammation, Nitric Oxide, Frontiers in Plant Sciences, etc.** She has also authored **5 chapters in books** by Springer and Intech publishers and authored a book in Lambert Academic Publishers. She has visited UAE, Kuwait, Germany, Sweden and Switzerland. She is an editorial board member for few journals and also reviewer for reputed International journals like Tumor Biology, DNA and Cell Biology, Peer J, Genetic Testing and Molecular Biomarkers etc.

**CITATIONS: 1275****H-INDEX: 18****I10-INDEX: 33**