

Sir C. V. Raman State Award for Young Scientist – 2011

Prof. Riaz Mahmood

Life Sciences

Prof. Riaz Mahmood, born in 1961 in Tarikere (Chikmagalore Dist.), obtained B.Sc (1984), M.Sc (Zoology, 1986) and Ph.D (Zoology, 1994) from University of Mysore. After working as Post-Doctoral Fellow (CSIR) for a period of Two years he joined Mangalore University as Lecturer in Biosciences (1996-1998). In 1998 he joined Kuvempu University as Reader in Life Sciences/Biotechnology and subsequently promoted as Professor during 2006. He has served as the Chairman, Dept. of Biotechnology and Bioinformatics, from Nov. 2009- Jan. 2012. At present he is serving as Professor of Biotechnology with an additional responsibility of the Director, International Students' Cell of Kuvempu University.



Prof. Mahmood is actively involved in both academic and research activities. He is teaching and guiding Post-graduate students and Ph.D scholars. He has authored 04 contributory articles in Books with 43 Research papers in peer reviewed journals and attended nearly 48 conferences/workshops of national and international repute. He is also involved in the science popularization programmes among school students. He has successfully guided 16 scholars (08 each as guide & co-guide) for their Ph.D degree and 03 for M.Phil degree. Presently, 05 scholars are working for their Ph.D programmes under his supervision. He is presently the Coordinator for the DST-FIST programme of the department and also Principal Investigator for a UGC-major research project. He has delivered invited talks/special lectures in seminars/conferences in India and abroad.

Prof. Mahmood's research activity started under the guidance of Prof. V. Vasudev (Mysore University) involves in various aspects of Genetics and Biotechnology. His research interest was Genetic Toxicology and DNA repair in animal systems and first reported the occurrence of adaptive response in vivo mammalian systems. By employing Bioinformatics approaches he along with his research students has made a thorough analysis of Human Xq22.1 region, which has resulted in the prediction of two cancer related proteins Autophagin 2 and Magee1. A novel gene (DNA repair) has also been identified in X-chromosome. He in collaboration with Institute of Bioinformatics has contributed in the development of 'Human Proteinpedia' which enables sharing of Human protein data. He also contributed towards the identification of potential cancer biomarkers in squamous esophageal carcinoma by SILAC method. Presently, his interests are towards Bioprospecting medicinal plants of Western Ghats.

Prof. Mahmood is a Life Member of EMSI (India), MAAS (India) and Associations of British Scholars, Bangalore Chapter. He is a recipient of Best Paper Award in Life sciences by MAAS (Aligarh) for the years 1992, 1994 and 2000. While as a research scholar he had been selected for the Scholarship Programme Award from the Spanish Society of Cell Biology (1992) to attend the V International Congress on Cell Biology held at Madrid (Spain). He has received INSA and CSIR Travel Grants during 1992. During 2000-2001 got selected for the Commonwealth Post-Doctoral Fellowship Award by the British Council and worked with Prof. James M. Parry in Molecular Cytogenetics and Toxicology laboratory, University of Wales Swansea, Swansea (United Kingdom) for one year.

Awards


