

Brief Profile of

Dr. Babu A. Manjasetty, M.Sc., Ph.D, Humboldtian (Germany)

Babu A Manjasetty is an internationally recognized scientist and has strong leadership career in academia. Dr. Manjasetty is head of the post-graduate department of Physics at School of Natural Sciences, Adichunchanagiri University where he is a Professor of Physics. Dr. Manjasetty is



recipient of prestigious fellowships from International organizations such as Alexander von Humboldt Foundation, GERMANY (awarded twice: 1998 and 2012) and UNESCO International Center for Theoretical Physics, ITALY (2017-2020). Dr. Manjasetty alumnus of the leading institutes, such as, European Molecular Biology Laboratory, FRANCE; Albert Einstein College of Medicine, New York, USA, Max Delbruck Center for Molecular Medicine, Berlin, GERMANY; Biotechnology Research Institute, Montreal, CANADA, Case Western Reserve University, Cleveland, Ohio, USA and University of California Santa Cruz, California, USA (1998-2020). Dr. Manjasetty worked as scientist at the Macromolecular Crystallography facilities located at European Synchrotron Research Facility, Grenoble, FRANCE; National

Synchrotron Light Source, Brookhaven National Laboratory, New York, USA; BESSY Synchrotron Light Source, GERMANY and Elettra Synchrotron Light Source, ITALY. Dr. Manjasetty served in several international collaborative projects (such as: India- Germany-France: 2010-2017 funded by Department of Biotechnology (DBT) and India-Italy: 2017-2020) funded by Department of Science and Technology (DST). The project received enormous popularity in view of Indian students getting the synchrotron based research training in Europe. Dr. Manjasetty is proud of his contributions for the major programs of national interest. Dr. Manjasetty has enormous amount of teaching experience and worked in different capacities at Dayananda Sagar College of Engineering, Bangalore; Government Science College, Bangalore; Adichunchanagiri Institute of Technology, Chikmagalur and Malnad College of Engineering, Hassan. Dr. Manjasetty obtained his undergraduate degree (B.Sc., with subjects Physics, Chemistry and Mathematics, 1985) and postgraduate degree (M.Sc. in Physics, 1987: Second Rank) from University of Mysore. He was awarded the national merit scholarship and also, obtained University Grants Commission (UGC) fellowship for the Ph.D program (1988-1993). His research topic was centered on the understanding the structure-property correlation of Liquid Crystals with different rigid cores through X-ray Crystallography as a tool. Dr. Manjasetty was also involved in the project, "Design and Fabrication of Four Circle Diffractometer", in collaboration with Prof. Richard P. Riesz, American College, Madurai. During the final year of Ph.D program, Dr. Manjasetty is successful in obtaining the teaching position in the Department of Collegiate Education, Karnataka, through Karnataka Public Service Commission (1993). While working at colleges, Dr. Manjasetty continued his research endeavor at Molecular Biophysics Unit, Indian Institute of Science (IISc), Bangalore (1993-1998). Dr. Manjasetty has spent around 23 years in abroad (1998-2020) and research was focused on integrated approach for the structure-function elucidation in macromolecules using Synchrotron based X-ray crystallography and characterized quite a number of protein structures related to biomedical, pharmaceutical and biotechnological interest. Dr. Manjasetty had excellent research records and authored in scholarly scientific national and international journals and books. During the year 2021, Dr. Manjasetty joined Adichunchanagiri University and currently fostering integrated multidisciplinary research to elucidate structure-function relationships of macromolecules and structure based fragment screening in order to aid development of effective therapeutics and drug discovery efforts.