



**Dr. N. Janardhana Raju**

**Dr. Sudarshan Pani-Dr. Rama Dwivedy Medal**

Dr. Nandimandalam Janardhana Raju born on 1st June, 1963, is a distinguished scientist in the fields of Hydrogeology, Environmental Geosciences and Water Resources Management. He had his education in Sri Venkateswara University for B.Sc, M.Sc (Geology), M.Phil and then did his Doctoral (Ph.D) thesis in the field of Hydrogeology.

An eminent Hydrogeologist, Dr Raju began his academic career in the year 1994 as Geohydrologist at the Department of Geology, Sri Venkateswara University (1994-2004), also served as Assistant Professor at Department of Earth Sciences (Asmara University, Eritrea, 2001-'02) and the Department of Geology (Banaras Hindu University, 2004-2009) and, ultimately he has joined as Associate Professor at the School of Environmental Sciences, Jawaharlal Nehru University, New Delhi in the year 2009. His teaching and research career spans over 25 years – as visiting scientist at Ruprecht Karl University (1997-'99), Heidelberg, Germany; Asmara University (2001-'02), Asmara, Eritrea; Federal University of Fluminense (2005), Rio de Janeiro, Brazil; Martin Luther University (2011), Halle, Germany.

Dr. N. J. Raju has been awarded Alexander von Humboldt Fellowship (1997), Germany and Guest Professorship (2012), Martin Luther University, Germany for his pioneering contributions to scientific research. He has guided two Ph. Ds in the Hydrogeology and water quality aspects and published more than fifty three research papers in refereed journals like Hydrogeology Journal; Environmental Conservation; Hydrological Sciences Journal; Journal of Geological Society of India; Environmental Earth Sciences; Environmental Monitoring and Assessment; Quaternary International; Environmental Geology; Toxicological and Environmental Chemistry; Fresenius Environmental Bulletin. He has published one chapter in the book entitled 'Geochemical Processes: Conceptual models for reactive transport in soil and groundwater'. He has travelled widely participating in 30 National and International Seminars/Conferences and Workshops. He has visited Germany, Eritrea, Egypt, Japan and Brazil in different capacities of research and teaching profession. Dr Raju has completed a few major research projects pertinent to water quality such as arsenic and fluoride contamination in ground waters. Active in research, consultancy and extension work pertained to government and private organizations on matters of development and management of groundwater resources.

In recognition of his significant contributions in the field of science he was given memberships in various national and international bodies such as: Andhra Pradesh Akademi of Sciences (APAS), Hyderabad; The National Academy of Sciences India (NASI); Allahabad; International Association for Mathematical

Geosciences (IAMG), USA; Indian Association of Hydrologists (IAH), Roorkee; Geological Society of India (GSI), Bangalore and International Association of Hydrological Sciences (IAHS), UK. He has edited a special section on 'New Trends in Hydrogeochemistry' in the Indian Journal of Geochemistry (2007) and one of the editors in the IHK proceeding volume on 'Management of water, energy and bio-resources in the era of Climate Change: Emerging Issues and Challenges' by the Springer publishers in collaboration with Capital publishing company (2014). He is a member of the editorial board of the Journal of Groundwater Research and has served as referee for many national and international journals as well.

Current research interests include the groundwater geochemistry, rainwater harvesting, saline water intrusion, and groundwater arsenic in the middle Ganga plain and fluoride contamination in groundwater.