

## **Prof K V Jayakumar**

### **Topic : Urban water and Health – Case Studies**

Prof. K.V. Jayakumar, a widely travelled academician, is a Professor of Civil Engineering at the National Institute of Technology (NIT) Warangal where he has been working since 1993. He is presently the Dean (Planning and Development) at NIT Warangal. He has held various academic and administrative responsibilities in the institute. Between July 2008 and December 2011, he was the Executive Director of the Centre for Water Resources Development and Management (CWRDM), Kozhikode, Kerala. During 2010 - 11, he held full additional charge of Director, Centre for Science and Technology Entrepreneurship Development (C-STED) of the Government of Kerala, and Kerala School of Mathematics. He had visiting assignments at the University of Essen Germany, Griffith University Brisbane, Australia, and the University of Peredenya Sri Lanka. He has research and teaching experience at KREC Surathkal, Centre for Water Resources, Anna University, Chennai and IIT Kanpur. He obtained his B.Tech in Civil Engineering from the Karnataka Regional Engineering College, Surathkal (now NIT Karnataka), and M.Tech specialising in Water Resources Engineering from the Indian Institute of Technology(IIT), Kanpur, from where he also obtained his Ph.D degree. Prof. Jayakumar's areas of expertise include Water Resources Engineering, Urban Hydrology and Stormwater Management, Irrigation Engineering, Land and Water Management, Benchmarking of Irrigation Projects, Integrated Water Resources Management (IWRM), Environmental Engineering and Management, GIS. In 1992, Prof. Jayakumar was awarded the UNESCO fellowship to participate in the IV International Course on Urban Drainage in Developing Countries (UDDC) at the Asian Institute of Technology, Bangkok. In 1996, along with Prof. Wolfgang F. Geiger of the University of Essen, Germany, he coordinated the V International Course on UDDC at Warangal in 1996. In 2003, he received the International Visiting Fellowship of the Environmental Water Resources Institute (EWRI) of

American Society of Civil Engineers (ASCE), to visit the Universities of Pennsylvania in Philadelphia and Colorado at Boulder. He had the honour of launching the South India Chapter of EWRI during the EWRI conference held at IIT Chennai during January, 2010. During May 2011, he organised the Third International Geography Congress at CWRDM, Kozhikode that attracted the best of geographers, and experts in GIS and water resources from across the world. Prof. Jayakumar has been a part of the 8 member working group on Urban Water Management constituted by UNESCO. He served as a member of various committees of Government of Andhra Pradesh. He was honoured by the Government of Andhra Pradesh for his contribution to community development in water management and urban drainage during the Independence Day celebrations in 2001. He was the Coordinator of a project to identify villages that are not covered by safe drinking water in Andhra Pradesh under the Rajiv Gandhi Drinking Water Mission. He is on the Board of Studies of many universities.

Prof. Jayakumar has over 80 publications in national and international journals / conference proceedings, and has delivered keynote addresses at many renowned conferences at national and international levels. Prof Jayakumar is a member /fellow of many national and international professional bodies.