

## **Dr.U.T.VIJAY**

### **Executive Secretary**

Karnataka State Council for Science & Technology (KSCST)  
Indian Institute of Science, Bengaluru- 560 012, India.



**Dr.U.T.Vijay** is presently serving as Executive Secretary in Karnataka State Council for Science & Technology(KSCST), Indian Institute of Science, Bengaluru and served in various capacities at KSCST since 1986. He obtained his B.E in Civil Engineering from Bangalore University, Master's Degree in Civil Engineering from Kuvempu University and Doctorate Degree in Civil Engineering from Bangalore University.

His areas of interest are Water related technologies such as Rain Water Harvesting (RWH), Traditional Water Harvesting Systems (TWHS) & Watershed development, Applications of Geo-spatial technologies for Natural Resources Management and Application of 3D Laser Scanning technologies for Archaeology and Heritage conservation (Digital Heritage).

He has been associated with various projects and programmes in KSCST such as Rain Water Harvesting, Assessment of Traditional Water Harvesting Systems in Karnataka(Kalyanis/Pushkaranis, Kunte, Gokatte and Katte) to suggest the scientific measures for Restoration and Rejuvenation, preparation of Action plans for Watershed development, Monitoring and Evaluation of Watershed development activities using Geo-spatial technologies, Suvarna Bhumi Yojane, Application of 3D Laser Scanning technology for 3D Modeling of World Heritage Monuments for preservation of Culture and Heritage under Indian Digital Heritage(IDH) programme of DST,GOI and Karnataka Digital Heritage(KDH), a programme of Department of Archaeology(DAMH), GOK, Dissemination of Nano Technology based Water Purification for Arsenic affected villages and Application of Geo-spatial technologies in Natural Resources Management and Infrastructure Facilities for Rural Development and Decentralized Planning in the state under NRDMS programme.

He has to his credit a number of National and International publications. He has presented several papers and delivered talks and chairing in various International and National Seminars/Workshops and Training programmes. He is a member of several Expert/Technical Committees of various Academic, R&D organizations and Government Departments of GOK and GOI.