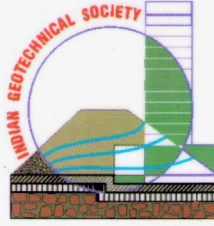


# Indian Geotechnical Society



## IGS – KUECKELMANN AWARD 2012-2013

Professor Sitharam graduated in Civil Engineering from Govt BDT College of Engineering, Davangere, and obtained his Master's degree from Indian Institute of Science, Bangalore in 1986. He received his Ph.D. in Civil Engineering from University of Waterloo, Waterloo, Ontario, Canada in the area of geomechanics. Further he worked at centre for earth sciences and engineering, University of Texas at Austin, Texas, USA. He worked for few years in India, Canada and USA before joining at Indian Institute of Science, Bangalore. He has served as the founder Chairman of Centre for infrastructure, Sustainable Transportation and Urban Planning (CiSTUP) at Indian Institute of Science, Bangalore for 5.5 year term. Presently, he is a Professor in the department of Civil Engineering and Centre for infrastructure, Sustainable Transportation and Urban Planning (CiSTUP). Presently he holds a KSIIDC Chair Professor in the area of Energy and Mechanical Sciences at IISc and also adjunct professor, Department of Civil Engineering, Indian School of Mines, Dhanbad.

As a teacher and research supervisor, Prof. Sitharam is popular among his students and he has guided 25 Ph.D. and several master students at IISc. He has authored more than 450 publications in international and national journals and conferences with an H-index of 25 and i-10 index of 55. He has six books to his credit. He is responsible for starting geotechnical earthquake engineering discipline at IISc and also an M. Tech and Ph.D. programme in Transportation and Infrastructure Engineering. His area of research interest is in Geotechnical engineering, geotechnical earthquake engineering, infrastructure engineering, rock mechanics and earth dam designs. One of his major contributions is development of Geotechnical guidelines for seismic microzonation for National Disaster Management Authority (NDMA), Govt of India. His work on seismic microzonation of urban areas, Liquefaction analyses, and earthquake hazard evaluation in the area of geotechnical earthquake engineering has received recognition worldwide and he is an authority on this subject. He is the Chief Editor of an International journal of Geotechnical Earthquake Engineering published by IGI Global, USA. He has also served as an Associate Editor for ASCE Journal of Materials in Civil Engineering, Committee on Soils and Rock Instrumentation (AFS20), Transportation Research Board of the National Academies, Division of National research Council (NRC), USA; Editorial Board Member of Geotechnique Letters, ICE, UK. Prof. Sitharam has been intimately connected with civil engineering profession in the country for more than 30 years. He is the consultant for M/S AFCONS for the slope stability and foundations for the bridge construction at 355 m above river bed level of Chenab – world's highest elevated bridge in Jammu and Kashmir. He has designed more than 25 earth and tailing dams in different parts of India. He has 3 patents to his credit and has started / involved in 3 start-up companies in his areas of research.

He has also received Prof. Gopal Ranjan research award from IIT Roorkee for his excellent contributions to Geotechnical Engineering in the country in 2014, Amulya and Vimala Reddy Lecture Award from Indian Institute of Science, Bangalore in the field of Sustainable Development in 2014, Sir C.V. Raman State Award for Young Scientists, Government of Karnataka in 2002, and 1998 S.P. Research award (SAARC) for his contributions to geotechnical Engineering. Presently, he is also Honorary Dean of Yoga and Physical sciences, S-VYASA Deemed University, Bangalore.

In recognition of his outstanding contribution to Geotechnical Engineering, the Indian Geotechnical Society presents the IGS-Kueckelmann Award to Dr. T.G. Sitharam.

**Jai Bhagwan**  
Honorary Secretary



**Prof. A. Srirama Rao**  
President

IGC-2015, PUNE