Prof. B.V.S. Viswanadham

Prof. Viswanadham obtained his PhD (Dr.-Ing.) from the Ruhr-University of Bochum, Germany in November 1996. He obtained his Bachelor degree in Civil Engineering from the Andhra University, Visakhapatnam, India in 1987 and thereafter did his Master of Technology in Civil Engineering with Geotechnical Engineering as a specialization from the Indian Institute of Technology Madras (IIT Madras), Chennai, India in 1989. Before joining the Indian Institute of Technology Bombay (IIT Bombay) in December 1998, he worked as a Senior Project Officer, Department of Ocean Engineering, IIT Madras and as a Scientist, Geotechnical Engineering Division, Central Road Research Institute, New Delhi for about eleven years. Currently, Prof. Viswanadham is working as a Professor in the department of Civil Engineering with geotechnical engineering as a specialization. The research interest of Prof. Viswanadham is on: (1) Centrifuge model studies on the behaviour of geotechnical structures; (2) Environmental Geotechnics with a special reference to landfill waste containment systems; (3) Ground improvement using Geosynthetics and studies on the behaviour of geosynthetic reinforced soil structures; (4) Natural hazard mitigation – landslides and slope protection; (5) Bulk utilization of waste materials especially coal ash. He has published 120+ technical papers in peer-reviewed international journals/International conferences/National conferences.

Prof. Viswanadham is a Co-ordinator of the National Geotechnical Centrifuge Facility available at IIT Bombay. He has focused in disseminating knowledge on centrifuge modelling to Students/Professionals through courses (for both undergraduate and post-graduate levels) and continuing education programme courses at IIT Bombay with an aim to establish centrifuge modelling technique as an essential tool for studying problems in geotechnical and Geoenvironmental Engineering. Prof. Viswanadham is the Member of the Technical Committee for Physical Modelling on Geotechnics (TC104) of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), and the Chair of the Ist Asian regional workshop on the Centrifuge Mode