

RESUME OF PROF TG SITHARAM

Prof. (Dr.) T G Sitharam took over as Chairman, All India Council of Technical Education (AICTE), Govt of India on December 21, 2022. Prior to this, he was the Director of Indian Institute of Technology Guwahati, Assam for 3.5 years (from July 2019 to December, 2022). He Obtained his B.E. (Civil Engineering) from University of Mysore; Master's from Indian Institute of Science, Bangalore in 1986 and Ph.D. from University of Waterloo, Ontario, Canada in 1991. He worked as a lecturer at University of Waterloo soon after his PhD and later moved to University of Texas at Austin, USA as a research scientist during 1992-94. He also held the position of Director (additional charge) at Central Institute of Technology Kokrajhar, Assam for 1.5 years. He was the Chairman, Board of Governors at CIT, Kokrajhar and Chairman, Board of Management of North East Regional Institute of Science and Technology (NERIST), Nirjuli, Arunachal Pradesh. Presently, he is the board member of Indian Institute of Science Council and the Court.

He also worked as the Senior Professor in the Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore and served IISc for the last 30 years. He held KSIIDC Chair Professor in the area of Energy and Mechanical Sciences, Indian Institute of Science, Bangalore from 2015 to 2018. He was instrumental in starting a Centre for infrastructure, sustainable transport and urban planning (CISTUP) at IISc and developed a Master's programme in the centre at Indian Institute of Science, Bangalore. He has served as a visiting or honorary professor at many universities in countries such as Japan, Canada, USA, Hong Kong, Australia and Republic of China.

Over the last 35 years, he has carried out research and development in the area of geotechnical and infrastructure engineering, seismic microzonation and soil dynamics, Geotechnical earthquake engineering and has developed innovative technologies in the area of earth sciences leading to about 500 technical papers, 20 books with Google scholar H-index of 55 and I-10 index 164 with more than 9750 citations. He has guided 40 Ph.D. students; 35 Masters Students, 25 postdoctoral students at IISc, Bangalore and several thousand industry professionals and teachers through continuing education workshops. He has filed for 5 patents, executed more than 120 consulting projects and 2 start-up companies to his credit. He was listed in the world top 2% of scientists for the most-cited research scientists in various disciplines by Stanford University in 2020, 2021, 2022, and 2023. He was part of an 8-member expert panel set up to supervise Ram temple foundation-laying work for Sri Ram Janmabhoomi Teerth Kshetra at Ayodhya. He has served as a consultant for M/s AFCONS in the construction of the highest railway bridge across river Chenab near Katra. J&K and on many other important assignments in geotechnical infrastructure engineering.

Prof. Sitharam is a Fellow of Indian National Academy of Engineering (INAE). He is the Fellow of American Society of Civil Engineering (ASCE), Fellow of Institution of Civil Engineering (United Kingdom), Diplomat of Geotechnical Engineering (D.Ge.) from Academy of Geo-Professionals, ASCE; Honorary Fellow of IGS, Fellow of ISET, Fellow of ISES and many other Societies. He is also a certified professional engineer and chartered engineer from Institution of Engineers. He was the recipient of Sir C.V. Raman State Award for Young Scientists, Government of Karnataka, in the year 2002 in recognition and appreciation of exceptional contributions to Engineering Sciences. Again, he received Sir M. Visvesvaraya Senior Scientist State Award in 2023 for his lifetime contributions.

He is a member of Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India. He was the former Chairman, Research Council, CSIR- CBRI (Central Building Research Institute, Roorkee). He was the chairman, Executive council of Visvesvaraya Industrial & Technological Museum Bangalore. He was the Governing council member of National council for Science Museums (NCSM) and Member of the society for National Council for Science Museums, Ministry of culture. He was the past president of Indian Society of earthquake Technology (ISET) and International Association for Coastal Reservoir Research (IACRR) for 4 years, He is the chief editor of International journal of Geotechnical Earthquake Engineering, (IJGEE), Pennsylvania, USA

since 2010. He is the Editor-in-chief, Springer Transactions in Civil and Environmental Engineering series, Book Series, Singapore.

As the Director of IIT Guwahati, he was responsible for creating 5 new schools and 5 new academic multidisciplinary centres at IITG during 2020-21 and has taken IITG as no 2 institute in citation per faculty in India (Rank 37 globally) in the QS world ranking 2022 and again in 2023. He was able to develop a strategic partnership with Govt. of Assam in establishing a medical school at IITG and a commitment from Govt. of Assam to start a state-of-the-art Multispecialty Hospital at IITG. He was a member of the Board of Governors of many NIT's; IEST, NCSM, AICTE, NESAC, etc. He is an active member of Presidents' Forum of Southeast and South Asia and Taiwan Universities (SATU Presidents' Forum), Member of many scientific committees in International Societies of repute and many other Associations and Universities in India & abroad.