



The Institution of Engineers (India)



Prof (Dr) T G Sitharam

Chairman

*All India Council of Technical Education (AICTE)
Government of India, New Delhi*

Prof (Dr) T.G. Sitharam has had a profound influence on technical education and had an impactful career in academia and civil engineering field. Currently serving as the Chairman of the All India Council of Technical Education (AICTE) since December 2022, his leadership is guiding efforts to modernize India's technical education, emphasizing innovation, employability, inclusivity, and alignment with global standards. In his prior role as Director of the Indian Institute of Technology (IIT) Guwahati from 2019 to 2022, he has extensively contributed to the institutional building of higher learning and demonstrated his administrative acumen.

Sitharam's academic career began with a Bachelor's in Civil Engineering from the University of Mysore, followed by a Master's from the Indian Institute of Science (IISc) Bangalore in 1986, and a Ph.D. from the University of Waterloo, Canada in 1991. He has held academic positions across several prestigious international institutions, including the University of Waterloo, Canada, the University of Texas at Austin, USA, the University of Hong Kong, University of Wollongong, Australia; and, Dalhousie University, Canada. He has also held leadership roles at IIT Guwahati, NERIST, CSIR-CBRI and Central Institute of Technology Kokrajhar, among others.

With over 35 years of experience, Sitharam is globally recognized for his contributions to Civil infrastructure engineering, geotechnical engineering, seismic microzonation, soil dynamics, and geotechnical earthquake engineering. He has authored around 500 technical papers and 20 books with Google scholar H-index of 58 and I-10 index 175 with more than 11030 citations., guided over 40 Ph.D. students, filed five patents, and started two startup companies. His work has earned him global recognition, including being listed among the top 2% of the world's most-cited scientists by Stanford University consecutively for five years from 2020 to 2024.

Sitharam's influence extends beyond academia into national projects of great importance. He served as a consultant for the Ram temple foundation work in Ayodhya and contributed to the construction of the world's highest railway bridge over the Chenab River in Jammu and Kashmir. His contributions have earned him fellowships in numerous prestigious institutions, including the Indian National Academy of Engineering, the American Society of Civil Engineers, and Institution of Civil Engineers, UK; and Honorary fellow of Indian Geotechnical Society and ISTE.

During his tenure as Director of IIT Guwahati, he expanded the institute by establishing five new schools and five academic multidisciplinary centers. Under his leadership, IIT Guwahati improved significantly in global rankings, notably reaching 37th in the QS world ranking for citations per faculty. He also facilitated the establishment of a medical school and multispecialty hospital at IIT Guwahati in collaboration with the government of Assam.

At AICTE, Sitharam has promoted technical education in regional languages, aiming to make it accessible to students from diverse linguistic backgrounds. His initiatives include innovation and entrepreneurship boot camps, experiential learning by creating AICTE idea labs to enhance student employability. He has been a strong advocate for value-based education, emphasizing ethics and holistic development alongside technical proficiency.

In recognition to his valuable contribution in the field of Civil Engineering, The Institution of Engineers (India) feels honoured to felicitate Prof (Dr) T G Sitharam, as an Eminent Engineering Personality on this auspicious occasion of the Thirty-ninth National Convention of Civil Engineers held during 17-18 October 2024 at Kochi.

Dr Anil Joseph
Chairman

Civil Engineering Division Board, IEI

Er Velayudhan Nair G
Chairman

Kochi Local Centre, IEI