

## Bank details for registration

Account name : IGS STUDENT CHAPTER  
MBCET

Account no. : 0483053000020623

IFSC : SIBL0000483

Branch : SIB Nalanchira

## Registration Fees

Industrialists/ Government Delegates  
(Non IGS Members) – ₹1500/-

Industrialists/ Government Delegates  
(IGS Members) – ₹1000/-

Faculties - ₹600/-

Students – ₹350/-

Students (IGS Members) - ₹300/-



Registration Link : <https://forms.gle/2LmLUBpR2ismuiYCY9>

Registration Fees Includes Registration  
Kit, Working Lunch and E - Certificate

**Venue: Senatus Hall**

**LAST DATE OF REGISTRATION :**  
17th September 2025.

**For more details contact :**

Ms. Diana Alice Sugunan

Assistant professor (IGS mentor)



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diana.sugunan@mbcet.ac.in

## ABOUT THE INSTITUTION

Established in 2002, Mar Baselios College of Engineering and Technology (MBCET) in Thiruvananthapuram, Kerala, strives to provide quality technical education with a foundation in human values. Offering 7 undergraduate and 7 postgraduate engineering programs, MBCET is an approved research center of APJ Abdul Kalam Kerala Technological University. All B.Tech pro- grams are accredited by NBA, and the institution holds an A grade (CGPA 3.13) from NAAC since 2016. Achieving "Autonomous" status from UGC in 2020 for a decade, MBCET, nestled on Bethany Hills, aims to inspire morally upright, socially committed, and intellectually trained engineers, emphasizing flexibility for academic excellence.

## DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering branch was started in Mar Baselios College of Engineering and Technology in 2005. The department currently offers an under graduate programme in Civil Engineering leading to B. Tech degree and three graduate programmes in Structural Engineering, Transportation Engineering and Environmental Science and Engineering.

### VISION

To be a Centre of Excellence in Civil Engineering education with a global perspective, creating ethically strong engineers for the service of society.

### MISSION

To provide Engineering Education which can create exemplary professional Civil Engineers of high ethics with strong conceptual foundation coupled with practical insight, to serve the industry and community.

## INDIAN GEOTECHNICAL SOCIETY

Indian Geotechnical Society (IGS) (formerly known as the Indian National Society of Soil Mechanics and Foundation Engineering) was established in 1948. The Society was affiliated to the International Society of Soil Mechanics and Foundation Engineering (ISSMGE) in the same year and working towards the fulfilment and promotion of its objectives. Over the years, the IGS has expanded its influence to become one of the most renowned and respected organizations in the field of Geotechnical Engineering in India. The Thiruvananthapuram Chapter was inaugurated in the year 2015 and is one among the youngest chapters of the Indian Geotechnical Society.



Indian Geotechnical Society -  
Trivandrum Student Chapter

## International Seminar on New Frontiers on Physical Modelling of Geotechnical Infrastructure Structures and 8<sup>th</sup> Prof. T. S. Ramanatha Ayyar- Lecture 2025

September 19, 2025 | 9:30 am-4:30 pm



Mar Baselios College of Engineering and Technology,  
Thiruvananthapuram

Department of Civil Engineering, MBCET  
in association with

Indian Geotechnical Society – Thiruvananthapuram Chapter,  
and Technical Committee TC 104 of the International Society  
for Soil Mechanics and Geotechnical Engineering (ISSMGE)

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## Organising Chair:

Dr. Jisha S.V., HoD, CED, MBCET

## Organising Secretary:

Ms. Diana Alice Sugunan,  
Assistant Professor, CED, MBCET

## Student Coordinators:

**Coordinator:** S. Navami,  
Secretary, IGS Student Chapter, MBCET  
Contact no: +91 6238696071

Email id: snavami.b22ce1132@mbcet.ac.in

**Co Coordinator:** Niranjana Raj,  
President, IGS Student Chapter, MBCET  
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## Sponsorship details:

Individuals, Industries, Organisations,  
Contractors, Government departments  
and entities involved in the infrastructure  
development, educational institutions and  
testing laboratories or any other interested  
entities or persons may sponsor the event .

Sponsorship type	Amount Rs.	Facilities
Platinum	50000	Title sponsor Logo and advertisement 30 min corporate presentation 3 Free Delegates
Diamond	25000	Logo and advertisement 15 min corporate presentation 2 Free Delegates
Gold	10000	Logo and advertisement 1 Free Delegates

# Invited Speakers



Dr. Srinivass Mantrala  
Head - Fixed Infrastructure, Nacala Logistics  
Corridor, Mozambique



Prof. Stuart Haigh  
Professor of Geotechnical Engineering,  
Cambridge University



Dr. B.V.S. Viswanadham,  
Institute Chair Professor &  
Professor in Geotechnical Engineering,  
IIT Bombay



Dr. Ashish Juneja,  
Professor, Geotechnical Engineering,  
IIT Bombay

# About

## Late Prof. T S Ramanatha Ayyar

Prof. T. S. Ramanatha Ayyar (1932–2022), born in Nagercoil, Tamil Nadu, was a visionary educator, pioneering researcher, and revered authority in Geotechnical Engineering. He graduated with First Rank in all years from the College of Engineering Trivandrum (1953) and secured First Rank in M.Sc. (Engg.) from College of Engineering Guindy (1959). In 1967, he became the first Indian to complete a Ph.D. in Geotechnical Engineering, and the first in the country to earn a Ph.D. in just two years, from the University of Roorkee (now IIT Roorkee).

His illustrious career in the Technical Education Department of Kerala began in 1955, where he served as Lecturer, Professor, Principal, Joint Director, and Director of Technical Education. Later, he was invited to serve as Emeritus Professor at IIT Madras (1988–1992) —a position for which the UGC/AICTE granted him the unprecedented privilege of choosing from IIT Bombay, IISc Bangalore, and IIT Madras.

Prof. TSR was a Post-Doctoral Fellow at the Norwegian Geotechnical Institute (1971–72), working under the world-renowned Dr. Laurits Bjerrum. He also served as a Visiting Professor at the University of Zambia and Bayero University, Kano. He returned to College of Engineering Trivandrum as Emeritus Professor (1998–2000), where he pioneered the industrial consultancy wing, helping bridge academia and industry. A respected researcher, he made foundational contributions to physico-chemical behavior of soft clays, laterite formations and their engineering properties.

He authored several landmark books and published numerous international research papers, earning deep admiration for his approachable teaching style and depth of subject knowledge. Among students and professionals, he is fondly remembered as “The Geotechnical Guru” — and reverently, “The Geotechnical God.”

To commemorate his immense contributions, the Indian Geotechnical Society – Thiruvananthapuram Chapter organizes the annual Prof. T. S. Ramanatha Ayyar Memorial Lecture in his honor.