

# CETAAT

College of Engineering Trivandrum  
Alumni Association Trivandrum Chapter



## CETAAT TECHKNOW 2025

### Advancements in Construction Technology

*6th Edition of CETAAT Technical Workshop*



**on 18th and 19th February, 2025**  
at Hotel Residency Tower, Press Road  
Trivandrum

**CETAAT, College of Engineering Trivandrum Alumni Association Trivandrum Chapter is organising the 6<sup>th</sup> Edition of the Two day Technical Workshop - CETAAT TECHKNOW 2025 : Advancements in Construction Technology on 18<sup>th</sup> and 19<sup>th</sup> February, 2025 at Hotel Residency Tower, Press Road, Trivandrum.**

CETAAT had previously organised five similar workshops in 2019, 2020, 2022, 2023 and 2024 on Good Practices in Construction, Advances, Trends and Amazing Innovations in Building Construction covering presentations on relevant subjects by experts in the field.

These workshops were successfully organised, mainly because of the continued support and requests from the participating members and Departments. There was remarkable participation of delegates from the Central / State Government Departments and organisations like VSSC, KIIFB, Vizhinjam International Seaport, HITES, PWD, Irrigation, KWA, KSEB, LSGD, EMC, Town Planning, Harbour Engineering, Architects, PMCs and leading Builders and Contractors.

The Workshop aims to update the multi-disciplinary knowledge requirement for Architects and Engineers and to equip them to adopt modern technologies. It is a well thought out and meticulously planned workshop by CETAAT to bridge the gap between acquired knowledge from our Engineering Institutions and the challenges in the Construction industry.

A nominal fee of Rs.3000/-\* will be collected from each participant for the Two-day Workshop and a Course Certificate will be issued at the end.

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\* Cheque / DD / Bank Transfer in the name of CETAAT,  
Central Bank of India, Rishimangalam Branch,  
Account Number: 3297842265,  
IFSC : CBIN0281329

# Programme

Day 1 : 18<sup>th</sup> February 2025

08:45 am Registration

09:45 am Inaugural session

**Presidential Address**

**Er. Jayachandran V.S**

Chairman, CETAAT



**Inauguration and Keynote address**

**Dr. Tessa Thomas**

Vice Chancellor, NICHE University and  
Former Director General, DRDO



**Felicitation**

**Dr. G. Madhavan Nair**

Former Chairman, ISRO,  
Patron, CETAAT

11.15 am

**Technical Session**



**Opening Remarks**

**Ar. N. Mahesh**

Principal Architect,  
Iyer & Mahesh Architects

11:45 am

**Session 1**



**Wood as Sustainable and Versatile Material in  
Achieving Net Zero targets**

**Dr. Jimmy Thomas**

Wood Technologist, Canadian Wood

01.45 pm

**Session 2**



**Tech Driven Solutions for Space Optimisation  
in Building Interiors**

**Er. Ashish Aundhkar**

Business Head, Partition and Automatics – Hafele

02:45 pm

**Product Presentation**

03.30 pm

**Session 3**



**Building Information Modeling and  
Digital Transformation in AEC Industry**

**Er. Rijo K John**

Project Manager, Command Tech

04:30 pm

**Product Presentation**

## Day 2 : 19<sup>th</sup> February,2025

09:30 am **Session 4**



**Innovative Concrete Technologies  
for Sustainability**

**Er. Shyamkumar Syama Prasad**  
CEO & Director. CETARC Pvt Ltd.

10:30 am **Product Presentation**

11.15 am

**Session 5**



**Integrating Safety in the Construction Lifecycle**

**Er. Josy John**

Independent Director & Thought Leader,  
Accomplished Safety Practitioner

12:15 pm **Product Presentation**

01.45 pm

**Session 6**



**Key factors**

**Influencing Pile Foundation**

**Prof. (Dr.) Hari. G**

Principal Engineer, CGL Engineers Pvt. Ltd.

02:45 pm **Product Presentation**

03.30 pm **Valedictory Session**

**Chief Guest :**

**Dr. G. Madhavan Nair**

Former Chairman, ISRO,  
Patron, CETAAT



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