

# CETAAT

College of Engineering Trivandrum  
Alumni Association Trivandrum Chapter



**Organising**

**Two day Workshop on**

# **Amazing Innovations in Building Technology**



at Hotel Residency Tower, Press Road  
Thiruvananthapuram  
on 17<sup>th</sup> and 18<sup>th</sup> January, 2023

College of Engineering Trivandrum Alumni Association Trivandrum Chapter, CETAAT is organising a **two-day workshop on Amazing Innovations in Building Technology** at Hotel Residency Tower, Press Road Thiruvananthapuram on 17<sup>th</sup> and 18<sup>th</sup> January 2023.

CETAAT had organized three similar Workshops in 2019, 2020 and 2022 on Good Practices in Construction, Advances, Trends and Innovations in Building Construction covering presentations on relevant subjects by experts in the field. This Workshop is organised based on the continuing support and requests from the field. There was tremendous participation of delegates from State Government Departments of PWD, Irrigation, KWA, KSEB, LSGD, Town Planning, Ports, Vizhinjam Port and Central Government Departments of VSSC, Architects and Builders. This Workshop intends to cover the subjects, ICT & AV - Digital Transformation, Post tensioning in Concrete, Innovations in Plumbing Systems, Electrical Hazards in Buildings and Structural Earthing for Electrical Safety, Modern Trends in Fire Safety Systems, Ventilated Facade Systems and Strategies to achieve Net Zero Carbon.

The Workshop aims to update the multi-disciplinary knowledge requirement for engineers working in office and on field assignments in the Construction Industry and to equip them to adopt modern technologies. This Workshop is a well thought out and planned endeavour from CETAAT to bridge the gap between acquired knowledge from our Engineering Institutions and the challenges in the Construction Industry. Also the topics of the Workshop are so planned to cope up with the prevailing statutes of the respective field.

The Workshop mainly targets Engineers, Architects and Supervisors engaged in the design and construction of projects and all other stakeholders in the construction industry in general, in the private or public sector, to give more exposure to the modern trends and developments in the design, planning and execution of projects in a time bound manner, with more focus on aesthetics, speed and economy.

The esteemed members of the Builders Association of India, CREDAI and Indian Institute of Architects are associating with CETAAT in this venture.

A nominal fee of Rs 2500 / -\* will be collected for each participant for the two-day Workshop and a Course Certificate will be issued to the participants at the end of the Workshop.

Chairman  
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\* Cheque / DD / Bank transfer in favour of CETAAT, Central Bank of India, Rishimangalam Branch, Account No: 3297842265, IFSC: CBIN0281329

# Programme

17<sup>th</sup> January, 2023

09.00 am	Registration	
10.00 am	Inaugural Session	
10.30 am	<b>Title Speaker - Amazing Innovations in Building Technology</b>	<b>Ar. N. Mahesh</b>
11.00 am	Tea Time	
11.15 am	Session I	
	<b>ICT &amp; AV - Technology to bring Digital Transformation</b>	<b>Mr. Chandrashekar Naik S.</b>
12.30 pm	<b>Product Presentation</b>	<b>Camio Automations</b>
01.00 pm	Lunch Time	
02.00 pm	Session II	
	<b>Post Tensioning in Concrete</b>	<b>Mr. V. Yuvaraj</b>
03.00 pm	<b>Product Presentation</b>	<b>Dalmia Cements</b>
03.30 pm	Tea Time	
03.45 pm	Session III	
	<b>Innovations in Plumbing Systems</b>	<b>Er. Johnson Joseph</b>
04.45 pm	<b>Product Presentaion</b>	<b>The Supreme Industries Ltd.</b>

18<sup>th</sup> January, 2023

09.00 am	Session IV	
	<b>Electrical Hazards in Buildings &amp; Structural Earthing for Electrical Safety</b>	<b>Er. S. Gopakumar</b>
10.30 am	<b>Product Presentation</b>	<b>Cape Electric, New Destinare</b>
11.00 am	Tea Time	
11.15 am	Session V	
	<b>Modern Trends in Fire Safety Systems</b>	<b>Er. Sunil Kumar</b>
12.30 pm	<b>Product Presentation</b>	<b>Fischer, New Destinare</b>
01.00 pm	Lunch Time	
02.00 pm	Session VI	
	<b>Ventilated Facade Systems - An Energy Efficient Building Envelope</b>	<b>Mr. Muthu Kumaran S.</b>
03.00 pm	<b>Product Presentation</b>	<b>Wienerberger India Pvt. Ltd.</b>
03.30 pm	Tea Time	
03.45 pm	Session VII	
	<b>Strategies to achieve Net Zero Carbon</b>	<b>Ms. Deepa Sathiam</b>
04.45 pm	Valedictory Session	

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