

KTU SPONSORED

5 Days

FACULTY DEVELOPMENT PROGRAMME

(ONLINE)

ENERGY EFFICIENT BUILDING CONSTRUCTION

DECEMBER 12th- DECEMBER 16th, 2022

Registration Form**

Name*:

Designation*:

Organization*:

Mailing Address*:

Mobile*:

Email*:

Qualification & Specialization*:

Experience*:

Signature of Applicant:

Signature of Head of Institution:

Institution Seal:

OFFLINE REGISTRATION.

Sponsorship Certificate

Dr. /Mr./Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the ONLINE FDP on "ENERGY EFFICIENT BUILDING CONSTRUCTION" Sponsored by APJ Abdul Kalam Technological University in association with Toc H Institute of Science and Technology, Arakkunnam, Ernakulam from 12th to 16th December 2022.

ORGANISING COMMITTEE

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Founder Director & Manager, Toc H Public School Society

Dr. Alex Mathew
President, Toc H Public School Society

Er. C S Varghese
Secretary, Toc H Public School Society

Mr. K K Mathew
Treasurer, Toc H Public School Society

Patron

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Principal, Toc H Institute of Science & Technology (TIST)

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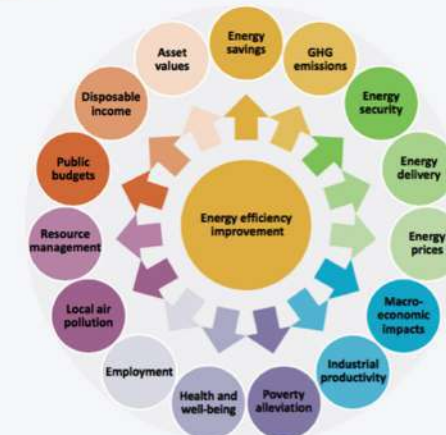
5 Days

FACULTY DEVELOPMENT PROGRAMME

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ENERGY EFFICIENT BUILDING CONSTRUCTION

DECEMBER 12th- DECEMBER 16th, 2022



Organised by

Department of Civil Engineering

in association with

HABILETE

Learning Solutions



Toc H INSTITUTE OF SCIENCE & TECHNOLOGY
Arakkunnam, Ernakulam, Kerala ☎ 0484 2748388 ✉ mail@tistcochin.edu.in ↑ tistcochin.edu.in

ABOUT TIST

Toc H Institute of Science and Technology (TIST), established in 2002, embellished with dynamic management, diligent and dedicated faculty and promising cream of the student community, is today a name to reckon with among the comity of Engineering Colleges in Kerala, making giant strides in all engineering branches and management studies. The college offers nine graduate and seven post graduate programmes. Toc H, a pioneer in education, offers blended learning programs combining on-line learning through virtual classrooms, world-class learning materials, ensuring holistic development, thereby serving as an active growth-driver and home to a diverse community of innovators and entrepreneurs. Toc H is affiliated to APJ Abdul Kalam Technological University, Kerala, India and approved by the All India Council for Technical Education (AICTE), New Delhi and Government of Kerala. TIST is accredited by NAAC (National Assessment and Accreditation Council) with NBA (National Board of Accreditation) accredited UG programs (CE, CSE, ECE & ME) and ISO 9001:2015 Certification which ensure top-quality learning environment.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering, TIST (Estd. 2006) offers Under Graduate programme B.Tech in Civil Engineering (NBA accredited upto 2023) and Post Graduate programme M.Tech in Construction Engineering and Management. The department continues to conquer new frontiers of knowledge through quality research work, Conferences, QIP and FDP programs for enhancing the Teaching Learning process and moulds the students to be change agents with high professionalism, ethics and sustainability in addition to the curriculum objectives. The department is in close association with Institution of Engineers (IE), Indian Society for Technical Education (ISTE) and has an active student chapter of Indian Concrete Institute (ICI), Indian Green Building Council (IGBC) and American Society of Civil Engineers (ASCE). The design wing "Rachana" of the department takes up research and consultancy work to offer technical advisory support to various leading organizations like KMRL, Naval base, STICON, PWD etc. The department have active MoUs with foreign universities and national organisations. The department also undertakes the socially relevant projects like Rebuild Kerala Initiative through which students learn humanitarian concept and their duties towards the society. The department focuses on emerging as a center of excellence in the field of cost-effective green building materials.

VISION OF THE DEPARTMENT

To transform into a centre creating change agents in civil engineering with professional competency, integrity and ethical values for serving the society with the highest level of proficiency through their chosen domain.

MISSION OF THE DEPARTMENT

- Provide ambience to create civil engineers of global standards to serve the society collaboratively, competently and ethically.
- To provide an academic environment for lifelong learning nurturing the skills in research and development for the benefit of all stakeholders.
- To include professionalism in students through team work, effective communication and leadership skills.
- To encourage and empower the faculty in the field of engineering education and mentoring for enhancing the teaching - learning process.
- To impart hands on experience to aspiring undergraduates through interdisciplinary research projects, industrial training and consultancy work.

ABOUT FDP

Globally, buildings are responsible for a huge share of energy, electricity, materials and water consumption. The FDP on Emerging Trends in Energy Efficient Building Construction helps to create awareness on the techniques and methods used for energy efficient building construction. It provides a common platform that industry experts, faculty and researchers to interact and update their knowledge in the field of construction as well as in research areas. The objective of the programme is develop basic understanding of various techniques for energy efficient building construction, identify materials and their utilization for energy efficient building construction and understand the emerging areas to improve the energy efficiency during construction.

TOPICS COVERED

1. Bamboo and Filler Slab Concrete
2. Textile Reinforced Concrete
2. Construction Materials and Steel Structures
3. Sustainable Architecture
4. Green Building.
5. Energy Efficient Building Technologies
6. Cost Effective and Environmental Friendly Construction Techniques
7. Urban Planning

RESOURCE PERSONS IN FDP

Dr. Ashok Kumar, CSIR-CBRI, Roorkee
Dr. Sunitha K Nair, IIT Palakkad, Kerala
Dr. Manju G Nair, College of Engineering, Trivandrum
Mr. Aravind Viswanathan, Indian Institute of Infrastructure and Construction, Kollam, Kerala
Dr. Smitha Gopinath, CSIR-Structural Engineering Research Centre, Tamil Nadu
Ms. Anusha S. Basavaraj, Research Scholar, IIT madras
Dr. Deepa G Nair, Cochin University of Science and Technology, Kochi
Dr. Anil Joseph, Geostructurals (P) Ltd, Kochi
Ar. B R Ajit, Chairman, IGBC, Cochin Chapter
Dr. Sunil Edward, College of Engineering Trivandrum, Kerala
Dr. Sreenivasa Rao Naik, CP - EST Group, Architecture and Building Research Institute, India
Dr. Vasudev R, Toc H Institute of Science and Technology, Arakkunnam, Ernakulam
Dr. Smitha KK, Toc H Institute of Science and Technology, Arakkunnam, Ernakulam

ONLINE REGISTRATION DETAILS

No Registration Fee

Registration shall be through the link and scan

<https://forms.gle/vtkdf6CigJtPyWp68>

