



Engineering Staff College of India
An Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad-500 032
(IMS [ISO 9001:2015, ISO 14001:2015, ISO 50001:2018, ISO 45001:2018],
ISO/IEC 17025:2017 Certified, AICTE & CEA Recognized Institution)



CIVIL & TRANSPORTATION ENGINEERING DIVISION

Training and Development Programme On

**Safety & Risk Management in Construction and Civil
Structures by using AI**

27th – 29th October, 2026

Venue : A & N (UT) / ESCI, Hyderabad



INTRODUCTION:

Over the last two decades, the construction operations have undergone profound changes. However occupational health and safety issues have become a vital concern to construction sectors. Due to unsatisfactory safety management in construction industry, the society and economy have suffered financial and human loss. This impact is very high in developing countries like India. Nevertheless, when construction safety management is not carried out systematically, construction accidents will happen and this can influence the economic growth of the country.

This Training program deals with highlight the importance of construction safety management by using AI in occupational civil structures and Personal Protective Equipment (PPE) and also on Hazards of Construction and their Prevention and management systems

OBJECTIVES:

- To familiarize participants will strengthen the skills of professionals working in construction sectors
- To impart knowledge on Construction and safety management using latest Technologies.
- To describe various Latest Techniques used in Low cost housing Constructions.

COURSE COVERAGE :

- Overview of Safety & Risk Management in Construction and Civil Structures by using AI
- Enforcement of Health and Safety Laws - Health and Safety Commission & IS Safety Codes & Personal Protective Equipment (PPE) and Safety - General Requirements & Legislation for Protective Clothing and Safety Equipment
- Hazards of Construction and their Prevention and management systems.
- Foundations of Safety: Addressing Risks in Every Stage of Construction Projects
- Smart Sensors in Construction: Enhancing Safety and Quality Control & Structural Health Monitoring for safety of structures
- Drones in Construction: Aerial Innovation for Safer, Smarter Building
- Salient features of the occupational safety, Health & working conditions
- Group Discussion & Case study presentations by participants

BENEFITS TO THE PARTICIPANTS:

- Participants will gain knowledge & skills in understanding the safety standards for construction projects to improve work processes.
- Understand the importance of construction safety hazards and management.
- Gain exposure to sustainable safe construction practices and preventing hazards.
- Understand Structural Health Monitoring for safety of structures

TARGET PARTICIPANTS:

This course is suitable to all engineers and officers working at junior level to senior level from Government departments like R&B, PWD, MES, Municipal Corporations, Panchayat Raj, Housing Boards, GHMC, RITES, and Border Roads Development & Defense. Engineers from all State and Central Government Departments, & construction Companies.

RESOURCE PERSONS:

Renowned personalities both from Industry / Educational Institutions like IIT's/ NIT's / Research Institutes, Reputed Universities, who are experts in this field, will be involved in providing the training.

PROGRAMME VENUE, DATES &TIMINGS:

VENUE : A & N (UT) / ESCI, Hyderabad

DATES : 27 - 29 October, 2026
Registration : 10:00hrs.
Session timings : 10:30hrs – 16:30hrs with lunch break.

COURSE DIRECTOR:

Dr. R Venkat Reddy, Ph.D (Osmania), FIE
Head

COURSE COORDINATOR:

Ch. Tilak – Faculty

COURSE FEES:

A & N (UT): Rs.36,000/- (Rupees Thirty Six Thousand Only) + GST 18% per participant. Fee includes, Soft copy of course material, course kit and Twin Sharing AC accommodation at Hotel, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

(or)

ESCI, HYDERABAD: Rs.16,500/- (Rupees Sixteen Thousand Five Hundred Only) + GST 18% per participant. Fee includes, Soft copy of course material, course kit and Twin Sharing AC accommodation at ESCI Executive Hostel, breakfast, lunch, dinner, tea / coffee and snacks.

GST 18% is to be paid extra over and above the training fee, as training is also brought under the purview of **Service Tax. PAN Card No AAATT3439Q; Service Tax registration No AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994). GSTN Number – 36AAATT3439Q1ZV (HSN Number – 999293)**

Programme fee is to be paid in favor of **“IE (I) – Engineering Staff College of India”** in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT / RTGS / IFSC Code No. SBIN 0004159 – MICR No.500002075.** While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.

REGISTRATION:

Please send your nominations

To
The Head
Civil & Transportation Engineering Division
Engineering Staff College of India
Old Bombay Road, Gachi Bowli, Hyderabad - 500 032
Mobile : **9490011311 / 9492011311**
Email : cte@escihyd.org

CERTIFICATE:

A certificate of participation will be awarded to each participant.

GENERAL INSTRUCTIONS

- The maximum number of participants is 15 from all over India to conduct training programme at **A & N (UT)**.
- Kindly communicate the list of nominated participants with their details like Name, Designation, mobile numbers & E-mail Ids, for making necessary arrangements by ESCI at **A & N (UT)**.
- Twin Sharing AC accommodation will be provided 22nd , 23rd , & 24th September 2026 (3 nights only).
- **If we received less than 15 nominations of various departments from all over India programme will be conducted at ESCI, Hyderabad only.**