



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

Digital Transformation in construction

09th – 13th March, 2026

Venue : ESCI, Hyderabad



Centre for Promotion of Professional Excellence

INTRODUCTION:

The construction industry, traditionally slow to adopt new technology, is now actively embracing digital transformation, marking a significant shift towards modernization and increased productivity. This change is all about adopting new solutions that enhance efficiency, safety, and project management, offering significant benefits to businesses.

Digital transformation in construction involves using technology to improve efficiency, productivity, and safety across all stages of a project, from planning and design to on-site execution and maintenance. This includes implementing tools like BIM, cloud-based platforms, IoT sensors, and AI-powered software to streamline processes, enhance collaboration, and manage projects effectively.

Digital transformation is revolutionizing the construction industry by leveraging technology to improve efficiency, productivity, and safety. By embracing digital tools and processes, construction companies can stay competitive and deliver projects more effectively.

OBJECTIVES:

- To give knowledge on Present Construction technologies
- To Understand Digital Transformation in construction
- Gives knowledge on tools like BIM, cloud-based platforms, IoT sensors, and AI used in Construction industry
- To impart latest technologies adopted and Latest Software's

COURSE COVERAGE :

- Overview Digital Transformation in construction
- Present Construction industry
- Concepts on Technology Transforming the construction Industry and Key areas covered in a Digital Transformation
- Implementing tools like BIM, cloud-based platforms, IoT sensors, and AI-powered software in construction
- Vital Technologies that can accelerate digital Transformation in construction – BIM, IoT, Cloud computing, AI and Machine Learning, Augmented reality(AR) and Virtual Reality(VR), digital Twins & Drones
- Benefits of Digital transformation in the construction Industry
- Challenges in Making Construction to digital Transformation
- Visit
- Group discussions, Presentation of Case Studies by Participants

BENEFITS TO THE PARTICIPANTS:

- Participants will Understand the Challenges in Making Construction to digital Transformation
- Participants will know the Benefits of Digital transformation in the construction Industry
- Participants will Understand how Technology Transforming the construction Industry

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 : **Engineering Staff College of India (ESCI)** Campus, Old Bombay Road, Gachi Bowli, Hyderabad- 500 032.

DATES : **09th – 13th March, 2026**

Registration : 09:45hrs.

Session timings : 09:45 – 17:15 hrs with 3 times breaks.

COURSE DIRECTOR:

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

COURSE COORDINATOR:

Ch. Tilak – Faculty

COURSE FEES:

Rs.27,500/- (Rupees Twenty Seven Thousand Five hundred Only) + GST 18% per participant. Fee includes, Soft copy of course material, course kit and Twin Sharing AC accommodation, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

DISCOUNTS

- ❖ **Non-Residential Fee-** 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization.

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**
Phone: 040-6630 4114
Email : cte@escihyd.org

CERTIFICATE:

A certificate of participation will be awarded to each participant.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200hrs) and one day after conclusion (Check-out 1100hrs) of the program duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation).