

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

Low cost Housing construction Technology

08th – 10th January, 2024

Venue : ESCI, Hyderabad / Gowhati



Centre for Promotion of Professional Excellence

INTRODUCTION:

Low-cost housing means a concept of reduction in cost of construction without sacrificing the strength required for the strength required for the performance of building. It is a new concept that handles the smart budgeting and the use of approaches that helps in minimizing the construction costs by using nearby available materials, and provides better skills and technology, without compromising the structure's strength, performance, or durability. Housing units that appear to be affordable to persons earning much less than median wage are known to as low-cost housing.

The use of low-cost building materials used in the construction of low-cost housing enhances low-income people's adequate housing. Low-cost housing can be accomplished by smart project planning and management, low-cost materials, costeffective construction technologies, and use of alternative construction techniques. The profit earned from the implementation of these strategies can reduce construction costs to make low-cost housing more accessible to all. This Training programme will deal with how low-cost materials can be used instead of traditional materials without affecting the environment, culture, resources, lifespan, and a variety of other properties that any building requires and latest technologies used in Low cost Housing.

OBJECTIVES:

- To familiarize participants with Low cost Housing construction Technology
- To impart knowledge on Materials used in Low cost housing and its specification
- To describe various Latest Techniques used in Low cost housing Constructions.

COURSE COVERAGE :

- Overview of Low cost Housing construction Technology
- Development and adoption on low cost housing Technology.
- Alternative building materials for low cost housing and its specifications
- Green Buildings Technology in low cost housing
- 3D Printing Technology in Construction Industry; Growth, Benefits, Challenges & Applications.
- Low cost Housing in Disaster Prone Areas and safety.
- Technical Filed visit

BENEFITS TO THE PARTICIPANTS:

- Participants will know the Green Building Technology.
- Participants will understand 3D Printing Technology in Construction in Low cost Housing.
- Participants will know the Low cost Housing in Disaster Prone Areas
- Case studies are discussed during the training period

TARGET PARTICPANTS:

Officers and Engineers from Government departments like Transportation Departments, Roads and Buildings, PWD, Municipal Corporations, Panchayat Raj, Housing Boards, Border Roads organization, Public and Private sector like RITES, organizations involved in Traffic Engineering, Professionals and Consultants etc., working at junior level to senior level will all be benefited by attending this program.

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. ./ Gowhati

Note :-

1. If Venue at **ESCI Campus Hyderabad**, No of Participants from your organization is as per your Choice.

 If Venue at Gowhati, No of Participants: 25 No's (Minimum) from your organization.

DATES : 08th to 10th January, 2024

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.15,000/- (Rupees Fifteen Thousand 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 nonresidential 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, 66304134, 66304115, 66304107 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).