



AICTE APPROVED

# SIRINTEL TECHNOLOGIES PRIVATE LIMITED

Address: 2696, Tanvi's, 2nd floor, Mama's Joint Road, 2nd Main 3rd Cross Rd, above Peter England showroom, MCC B Block, Davanagere, Karnataka 577004



अखिल भारतीय तकनीकी शिक्षा परिषद्  
All India Council for Technical Education



Ref. No. - SIRINTEL/TECH-DEPT/INPLN/2023/1101

## AICTE APPROVED ISO STANDARD CERTIFICATION STRUCTURAL DESIGN AND ANALYSIS USING ETABS

### 1ST WEEK

- 1. Autocad Basics.**
  - a. 2D Planning Grid Lines.
  - b. Beam & Column Layout.
  - c. Monochroming.
- 2. IS Standard Code Books.**
  - a. IS:1892:2002/2016
  - b. Wind Load Code Book
  - c. Beam and Column Calculation

### 2ND WEEK.

- 1. ETABS Basics**
  - a. Modeling Reg/Ireg Structures.
  - b. Wall, Lift, Stair Assigning.
  - c. Load pattern and Cases.
  - e. Analysis of Structure.

### 3RD WEEK

- 1. Analysis.**
  - a. Response Spectrum.
  - b. Pushover
  - b. Time History.
  - c. Equistatic.
- 2. Different Elements**
  - a. Different Bracings.
  - b. Fluid Viscous Damper.
  - c. Shear Wall.

### 4TH WEEK

- 1. Mini Projects Guidance.**
  - a. Project Development
  - b. Testing and Training
  - c. Project Execution.
- 2. Site Visiting**
  - a. Residential
  - b. Commercial

SIRINTEL TECHNOLOGIES

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