KONGU ENGINEERING COLLEGE

TRANSFORM YOURSELF

E-HORYZON'S BUILDSCAPE 2k26

Description:

Duration: 3 Hours
Team Size: 2 Members

i. Participants will be given an on-the-spot problem statement focused on **energy-efficient and sustainable building design**. Teams must plan the structure within the given time using **AutoCAD or Revit** for architectural and structural modelling

ii. The objective is to create a building that minimizes energy consumption while maximizing performance, comfort, and sustainability. Participants are encouraged to integrate innovative green building concepts and smart engineering solutions.

Software Usage:

- **AutoCAD / Revit** – Building planning, modelling.

Evaluation Criteria:

- **Layout Planning** – Effectiveness of space utilization and clarity of the plan
- **AutoCAD Elevation Design** – Precision in drafting, detailing quality, and aesthetic presentation
- **Revit 3D Visualization** – Accuracy of the model, realism, and command over the software
- **Dimensional Accuracy** – Correctness, clarity, and adherence to standard measurement practices
- **Vastu Considerations** – Incorporation of fundamental Vastu guidelines
- **Feasibility & Creative Approach** – Practical applicability combined with innovative design ideas
- **Viva Voce** – Depth of understanding, explanation of design choices, and technical knowledge

(**Note**: Students using AutoCAD must submit elevation drawings, whereas students using Revit must submit a 3D model for evaluation.)

Jury:

1)Civil Engineering Alumni

Registration Fee:

1)₹100 per Member