

## **FIELD EXPO**

### **❖ Rules**

- a) Round I- Technical test on Surveying (Multiple choice)
- b) Round II- The team will be asked to solve the practical problem related to Leveling by height of instrument method.

- ❖ **Winner selection Criteria** : Accuracy of work and time required to complete the survey work

## **ID CIVIL**

### **❖ Rules**

- ❖ Area will be given to plan the building.
- ❖ Detailed Drawing should be including plan, elevation, section, area statement and schedule of opening.
- ❖ Plan must have provision of hall, kitchen, and bedroom
- ❖ Section must pass through W.C, bath and staircase.
- ❖ Time limit for planning and drawing will be 2 hrs.
- ❖ Calculate the built up area, FSI by using building by laws.
- ❖ Winners will be decided by accuracy and completion of drawing in minimum time with all specification..

## **AUTO CAD**

### **❖ Rules**

- ❖ Elevation and plan will be given.
- ❖ Participant has to draft Plan, Elevation and the section.
- ❖ Time limit: 1 hour.
- ❖ Winners will be decided by accuracy and completion of drawing with specification.

## **PAPER PRESENTATION**

### **1. Topic for Paper Presentation:**

1. Smart Waste Management
2. Advanced Construction Technology
3. Advanced Surveying Techniques
4. Advanced Structural Analysis and Design

5. Renewable Energy Sources for smart city
6. Smart Building/Highway Construction Materials
7. Design for Sustainable/Smart Structures

### **Rules for Paper presentation:**

1. Candidates should send their paper in soft copy to our mail id- [cesacoephaltan@gmail.com](mailto:cesacoephaltan@gmail.com) or [mukund78787@gmail.com](mailto:mukund78787@gmail.com)
2. The mail with submissions should contain:  
Title of the paper.  
Name of the authors.  
Phone no of the authors.  
E- Mail ID.
3. 1 hard copy should be submitted at the time of Presentation.
4. The presentation time is for 8 mins and queries for 2 mins for each paper.
5. Candidates should bring their identity card at the time of presentation.
6. Only LCD projectors will be provided.
7. Maximum number of participants in a Team is 3.
8. The decision of judges will be final and no arguments or appeal will be entertained.

## **SMART CITY**

### **Rules for Planning of Smart City**

Participants are expected to read the following rules to cope up with the specifications expected in the competition.

- ❖ A group should be consisting of minimum two members and maximum three members.
- ❖ Candidates should have to reach before time at College of Engineering Phaltan with their own stationary (Pencils, Color Pencils, Sketch Pens, rulers, Eraser etc.)
- ❖ Participants have three hours to complete the job.
- ❖ Participants have to give an explanation on that day, explaining their plan with effective presentation techniques.
- ❖ Students must bring their valid college identity cards while coming to event.
- ❖ Organizers may disqualify any team that behaves inappropriately.
- ❖ Rules may be changed as per conditions.