CAD-O-MANIA

Introduction

The most intriguing topic to learn as a mechanical engineer is how to design models (Cars, planes or some alien UFOs). So, here we present the CAD-O-MANIA to all CAD enthusiasts. Models should be designed, assembled, and analysed.

Prize Money

1st Prize: 2,500
2nd Prize: 1,500
3rd Prize: 1,000

Problem Statement

Round 1
- Design a 3-D model from the given 2-D (isometric) view.
- The models to be designed would be presented to every participant. They must complete their design in the fixed time allotted for each design which has to be submitted in .SLDPRT format.

Round 2
- Participants will be given various parts of a model that must be assembled in the 3D modelling software. It has to be submitted in .SLDASM and .STEP.

General Rules

- For designing the models, SOLIDWORKS software is mandatory.
- The design must be completed in the given time restriction.
- Submissions should be provided in the appropriate format given by the judges.
- The participants would be required to submit the CAD model in the link provided by the judges in the beginning of the competition.
- Bring your college/student I-Card at the time of competition.
- Decision Taken by Judges will be final and binding for all.
- Any misbehaviour will lead you to disqualification from the competition.
- If less than 5 teams will be registered, then only first prize will be given and if less than 10 teams will register, only two prizes will be given.

Team Specifications

➢ Only Individual participation is permitted in this event.
➢ Any number of individuals may participate from one college.
➢ Professionals are not allowed. Only students can participate.
➢ Participants are required to bring their school/college ID cards.
➢ Once registered, the same team cannot register with another name or for another model other than previously registered one.
➢ Every team must have a unique name that should not be offensive conflicting or inappropriate.
➢ Organizers have the right to reject entries for any inappropriate team name.

Event Timeline

Round 1 (Virtual Mode)	Round 1 designing event	11th April 2022
Round 2	Releasing list of shortlisted candidates	12th April 2022
	Round 2 assembling event	13th April 2022

Registration Details

Registration window will open soon!