



The CAD competition of Mecceleration 2018 will test the students ability to create, model or assemble a part/structure in the computer aided design software Solidworks. The need to be able to use Solidworks is a growing demand in Mechanical Engineers in the modern world, as engineers are expected to generate a visual render for anything before industrially producing the product.

For any queries:

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CAD Competition
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Solidworks Competition: The competition will consist of teams of 2 people, who will be given a design task to solve in 1.5 hours.

Software Platform: Solidworks 2015

CAD Rules

- Participation will be in teams of 2 persons
- The time duration is 1.5 hours
- The design task given to the students will be a design problem where they will be asked to make modifications to an already provided design (Example: They will be given the model of a car and asked to make it more child friendly)
- Students are allowed to bring their own laptops
- No students can use previously made designs. All designs/modifications/assembly must be done during competition period
- Failure to complete the designing within the time period will incur heavy time penalties
- No internet access is allowed during competition period
- Only one authenticated computer will be provided per team
- Competitors are suggested to bring their own data storage devices in order to transfer design elements from their own laptop (if they have one) to the authenticated computer provided. Volunteers will not be able to provide data storage devices to the competitors
- All final designs should be submitted to the central server via the authenticated computer provided
- Teams are forbidden from discussing or trading data with each other during competition hours
- Time duration for the competition will be 1.5 hours and no longer
- Competitors will not be allowed to leave the design arena before the competition is finished (Eg: No Bathroom breaks)

Marking Criteria

Students will be marked according to the following criteria:

- **Creativity**
- **Dimensional accuracy**
- **Feasibility**
- **Aesthetics**
- **Design Time**

