



8TH NATIONAL
SCIENCE BEE
2019

Module Guidelines



CADing



INTRODUCTION

Had it been the 70s, we would have asked you to bring a paper and a pen but boy, is this 2019.

Impress us with your engineering/3D drawing prowess in CAD that's all we want to see. Sounds easy, right?

Think again.

The crown belongs to the INVINCIBLE. One who will work in a constrained time and still won't get his/her neurons short-circuited, the one who will focus on the given task Instead.

So. Practise. You will be competing with the giants of this domain. With the best of the best. CAD-ers from all over the country!

The event will consist of two separate simultaneous rounds asking the team to nominate three members so as to accommodate the most number of teams regardless of their number of team members.. The format will happen as following



PROCEDURE

1. Round a: This round will ask of the team to nominate a single member who will then work on modelling a single part. The competitors will be provided with part drawings after which they have to dimension their drawings. The parts for all the competitors may be different but will also entail different scoring guidelines with respect to time. Your work will be judged by a panel on the basis of speed and accuracy

2. Round b: This round will happen simultaneously with the first one and will require the team to nominate two team members and will ask of them to make a two part assembly, the model of which be provided. There will be a planning phase for the nominated members to coordinate their approach, and similar to round a the parts may be different for the teams but will also entail scoring guidelines with respect to time. Your work will be judged by a panel on the basis of speed and accuracy of assembly.



RULES AND REGULATIONS

- The participants can use any CADing software they feel themselves comfortable with at the time of testing.
- The participants must not resort to any unfair means, doing so will result in being disqualified.
- The participants will be allowed a maximum time of 2 hours.
- The participants will have to submit their work at the email address provided.
- The participants have to bring their own computers for the competition.
- The participants have to be present on time else they will have to start late.
- The guidelines and the format are subject to change with notice.