

SAE TEIR 1 EVENTS

1. GROUP DISCUSSION

The event aimed at training the students in the field of group discussion. 9 participants actively performed during the event. The topic given was “Effect of Technology on Humans”. Though some of the participants were new to the area of GD, pointers and tips were given on how to better face a group discussion along with the DO’s and DON’T’s. **Ashish Damodar** (M3) was declared as the winner of the GD



2. DIAGRAMATIC REASONING

The main aim of this event was to check the logical and analytical reasoning of students. This was conducted as a 45min test as a group event of teams with 3 members per team. A total of 8 teams participated for the event. In the end, **Vishnu B Pillai, Vivek Hari, Ashwin B S** were declared as the winners.



3. THREAD CUTTING AND TAPER TURNING

This was an individual event wherein a total of 10 participants were given a basic intro to lathe and its operations. Thread and taper turning was given major importance. And finally, a dimensioned sketch was given to model in lathe. The winner was chosen from the model with the best surface finish and least time consumed. **Hrishikesh** and **Alwin** were adjudged as the winners.



4. MATERIAL IDENTIFICATION

This was a group event with 2 participants per team. The participants were shown an engineering component (we used disc caliper and steering knuckle). They were asked to identify the material, to describe its basic properties and to specify its alternative application. Participants were to submit an essay for the same. **Manu Prasad** and **Hemanth** were declared winners on the basis of their excellent performance.

5. CNC TURNING

Participants were given an intro to CNC machines and taught how to write CNC programs. 2 programs were taught and a 3rd program was given as a challenge to write and to simulate on the CNC lathe.



6. AUTOQUIZ

Basic automobile knowledge was tested in this event with questions ranging from history, personalities, technology and companies. 20 questions were asked from the above mentioned fields and 2mins were given to attempt them. Of the 15 participants, **ALIN AMARULLA, RAHUL BENNY, STEVAN SUNNY** were selected to participate in Tier 2.



7. HOW THINGS WORK

This was a group event with 8 teams of 2 persons per team. 2 rounds were conducted; general and visual. The objective was to check the engineering knowledge of the participants, hence they were shown various engineering parts and asked to write about the principle and technology used. **Nishant** and **Hrishikesh** were declared the winners.



8. WORK HOLDING

The participants were given an intro about holding workpieces on a lathe 4-jaw chuck. After that, they were asked to apply their work holding knowledge in holding a rectangular workpiece and was ranked on the time taken for the same. **Hrishikesh** and **Alwin** were selected for the next level.

