



**SANDIP FOUNDATION'S
SANDIP INSTITUTE OF
ENGINEERING AND
MANAGEMENT**

Mahiravani, Trimbak Road, Nashik-422213
Maharashtra, India

SAE BAJA COMPETITION-2020

**“SAE BAJA-2020 Competition held at
Pithampur, Indore.”**

Venue :- Pithampur Indore, M.P..

Date: - 28/01/2020

Time :- 13:00 hours to 14:30 hours.

MEMBERS PRESENT FOR THE COMPETITION:-

- 1) Prof. Tushar Patil (Faculty Advisor)**
- 2) Team of 25 students (Team Delta Genesis)**





SUMMARY:-

SAE BAJA is well known competition for the students of mechanical and automobile engineering. The teams are judged on six main parameters in the Virtual BAJA event which are – their knowledge of the rule book, the design of the vehicle, the project plan, the design methodology and the design evaluation plan. A total of 400 points are available for each team's design and the top 120 teams were selected this year to complete in the main event.

The evaluation process in the main event is a different ball game altogether and the students finally got to showcase their finished buggy's to the judges. In the static tests the buggy's are evaluation on various factors such as cost, aesthetics and the quality of the fabrication. There are also many dynamic tests such as acceleration. Braking, maneuverability over all terrain and a hill climb test. But none of these tests are more grueling than the endurance race where the drivers and buggy's are pushed to their limits till a winner emerges.

The hill climb (above) and the obstacle course (below) are just some of the dynamic tests that the buggy's have to endure to make it to the finish line

