



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Brief Report on **SAE-India Club**

Mechanical Engineering Department

SAE INDIA Club Activities

- ❖ The students of Vishwakarma government Engineering College of Mechanical department started a team in 2018 namely **AUTORANGERS RACING** to build an off-road vehicle which can be driven on All Terrains (i.e. ATV- All Terrain Vehicle). Since then the team participated in three events as follows:

- **ESI (Enduro Student India) 2019**
- **ATV championship 6.0 (2019)**

In 2019, Mechanical Engineering Started SAEINDIA COLLEGIATE CLUB with 50 students members and two faculty members as coordinator.

- **VIRTUAL BAJA 2019-20**

➤ **ENDURO STUDENT INDIA-ESI 2019**

Date: - 15 – 19 February, 2019

Venue :- Pune, Maharashtra.

The Team participated in ESI to compete with other teams from all over India. Clearing the rule book quiz and standing 25th all over India among 144 teams, the team got selected to participate and compete among 79 selected teams. The event includes the static and dynamic events. Static events such as Design Evaluation, Business Plan, & Cost Event. Dynamic events such as DirtX, Acceleration, Maneuverability, Sprint and 4 hours of Endurance.

➤ **ATV CHAMPIONSHIP 6.0**

Date:- 6TH - 8TH April, 2019

Venue:- Ahmedabad, Gujarat

The team participated in ATV championship 6.0, organised by GTU where the team competed among 15 teams. The team completed all the dynamic events. Dynamic events included Acceleration, Suspension and Traction, Maneuverability & 3 hours of Endurance Race. The team stood 6th in line-up and achieved the honour to complete those hard and challenging hurdles of the track during endurance which last long for 3 hours continuously.



➤ BAJA VIRTUALS 2019

Date:- 13th to 15th june

Venue:- Chitkara University, Chandigarh

Successfully completing the season with the previous car and great experiences, the team came up with the new ideas and took part in the world's most challenging Off-Road event that is BAJA 2020. To participate in BAJA 2020, team took part in the Virtual round of BAJA, held at Chitkara University, Chandigarh. With the dedication and hard work, the team was able to clear the virtual round with the score of 140.1/200. The score was based on the presentation of the design and the online test conducted during the event. Finally, with this achievement the team got the chance to compete other teams from all over world at the only largest off road racing site at NATRiP, Pithampur near Indore.