TEAM SAENIEKS

ABOUT US:

Team SAENIEKS is a national level off road racing team built by a group of auto passionate engineers from the national institute of engineering. Our proud journey started back in 2015 which showed a new dimension to the abilities of the students of NIE. We design, simulate and fabricate the whole All-terrain vehicle and compete in various national level events. Our goal is to build a car that can withstand anything thrown at us at these events and to come out on top.

ACHEIVEMENTS:

2021: Champions of Champions

1st in Design

1st in Cost

2nd in Business plan

1st position Overall

2020: Baja SAE India

4th in Design

8th position Overall (RWD)

2019: Baja SAE India

2nd in Manoeuvrability

5th in Endurance

6th position Overall

2018: Baja SAE India

1st in Engineering Design

7th in Sled Pull

12th position Overall

What do we do in Baja events?

In Baja SAE, engineering students are tasked with designing and building a single-seat, all-terrain sporting vehicle that is to be a prototype for a reliable, maintainable, ergonomic, and economic production vehicle that serves a recreational user market. We function as a team to design, engineer, build, test, promote, and compete a vehicle within the limits of the rules. The event will be held for 3 to 4 days involving static events like technical inspection, cost presentation, design presentation, sales presentation and dynamic events such as brake test, sled pull, manoeuvrability, and endurance race.

Static Events

1. Technical Inspection: It is the foremost event in BAJA SAE. Buggies are checked for the limitations and safety standards provided in the rule book set by SAE. Cars must pass all the inspections such as engine check, weight check, safety scrutiny and only then teams are allowed to participate in further events.

2. Cost Presentation: Teams must submit the report of overall expenditure incurred in building the car before races. The document contains copies of receipts, invoices, price tags to substantiate the costs of the parts and materials used. Officials will review the cost documents and compare them to the actual vehicle. Missing items or math errors will be added to the cost document and a penalty may be issued.

3. Design Presentation: Innovative design implemented by the team has to be presented before the judges. Best use of engineering in car to meet the design specification, use of computer aided designing, analysis, testing and developing, system integration and finally how the vehicle works together as a whole will be judged. It tests the ability of students engineering skills, creativity and reasoning skills to substantiate the application of appropriate design in one’s vehicle.

4. Sales Presentation: In sales presentation the team has to present before the panel of judges about how their buggy stands differently compared to others and why should one buy it. The team should convince the panel to purchase their vehicle’s design. There will be a question and answer session after the completion of team’s presentation for 10 minutes. Based on content of presentation, organisation of presentation, speaker’s delivery and team’s response to the judge’s questions, the score will be given.

Dynamic Events

1. Acceleration test: The car should cover 150ft of straight track in minimum time possible. Every team has two chance with the best time counting for score. Vehicles with acceleration times that are more than 1.5 times that of the fastest vehicle will not receive a score for this event.

2. Manoeuvrability: Vehicle’s ability to withstand all kinds of rough, rugged terrains is assessed in this event. The track is designed such that driver’s control over the vehicle plays a major role in achieving scores. Penalties will be issued to the teams going off the specified track.

3. Sled Pull: A tractor will be hooked up to the car. The vehicle’s ability to pull the tractor over a 150ft straight road with minimum time is counted. This is the only event where having a light weight vehicle is a disadvantage.

4. Endurance Race: Last day of Baja event is a 4 hours of endurance race. Teams qualified for endurance must remain in the track for 4 hours without any flaws in the vehicle. Any breakdown in the car if occurs then the car is removed from the track and teams buckle up to analyse and solve the problem. Endurance run males the teams to realise their strengths and weakness. Ultimately the one who covers maximum number of laps in 4 hours scores high.

Our Previous Sponsors

Logos

Benefits to Sponsors:

1. BRAND NAME ON CAR

Sponsors’ logo will be displayed on the car panels.

1. PROMOTION THROUGH SOCIAL MEDIA

Brand name shall be promoted on platforms like Twitter, Facebook, Instagram, and will be credited in team videos published in our official YouTube channel.

1. PUBLICITY THROUGH TEAM APPAREL

Brand promotion through all official team apparels

1. PROMOTIONS THROUGH BANNERS AND POSTERS

All the team’s banners and posters will have the sponsors’ logo. The sponsor may display their banner at all events conducted by the team SAENIEKS

1. PROMOTION IN AUTO EXPOS

A grand promotion of the sponsor will be done in all auto expos done in and around Mysore.

1. PROMOTION SPECIFIC TO ORGANIZATION

Activity which expresses and pitches the functionality of the sponsors to the public will be done