



INTRODUCTION

SAE is a global association of more than **138,000 engineers and related technical experts** in the aerospace, automotive and commercial-vehicle industries. SAE International's core competencies are life-long learning and voluntary consensus standards development.

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics, and Students. SAEINDIA is an affiliate society of SAE International registered in India as an Indian non- profit engineering and scientific society dedicated to the advancement of mobility in India.

SAEINDIA COLLEGIATE CLUB OF JSSATEN is a premier collegiate club which allows students to apply their engineering concepts in the design and to fabricate prototype vehicle. Students must design and subsequently test the vehicle to optimize for its reliable performance. The Collegiate club has been actively participating in SAEINDIA events since then and has been promoting the students to take part in various practical projects. It is a group of budding engineers committed to high-end automotive designing and engineering.

ABOUT THE UPCOMING EVENTS

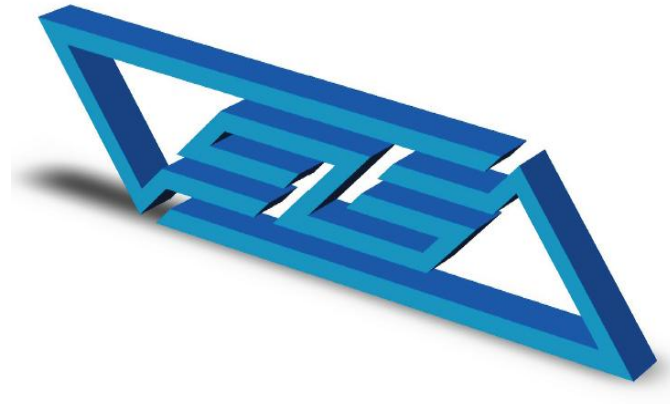


Baja SAE is an intercollegiate engineering design competition for undergraduate and graduate engineering students. The object of the competition is to simulate real-world engineering design projects and their related challenges. Each team is competing to have its design accepted for manufacture by a fictitious firm. The students must function as a team to design, engineer, build, test, promote and compete with a vehicle within the limits of the rules. They must also generate financial support for their project and manage their educational priorities.



MEGA ATV CHAMPIONSHIP is a national level ATV (All terrain vehicles) racing championship in INDIA organized by "Autosports India". It is inter-college national level racing championship for engineering students basically for mechanical/ automobile branches. This championship is well known for its extraordinary racing format, night endurance racing.

ABOUT THE TEAM



Team Vega Racing is a team of aspiring engineers committed to automotive designing and engineering. What started as a dream project of a group of Mechanical engineering students from JSSATEN has now grown to become the most significant and comprehensive student project.

VISION

To fuel the burning passion of automobile enthusiasts and to provide them with an atmosphere where they can learn, grow, evolve constantly and eventually become the most learned gearheads in the future who take automobile engineering to unthinkable heights.

MISSION

Team Vega Racing seeks to create, design, build performance cars that are efficient, economical and commercially viable. Team VEGA Racing further aspires to stand out and create its mark in the motor-sports competition internationally.



PAST LAURELS:

EFFI-CYCLE(2011):

Participated in EFFI-CYCLE 2011 by designing a hybrid vehicle which runs on the human and electric power supply.

Supra SAEINDIA (2012):

Participated in SUPRA SAEINDIA 2012 student formula racing held at renowned Buddha International circuit, **achieved 7th** in cost report and **1st rank** weight minimizing events.

BAJA SAEINDIA (2013):

Made a CVT Transmission equipped off-road vehicle which participated in Baja SAE 2013 and stood ahead of some IIT's and many colleges in India.

BAJA Student INDIA (2014):

Ranked 34th among 250 teams in the preliminary online quiz conducted by Baja Student India 2014.

MEGA ATV CHAMPIONSHIP (2015):

Built a CVT equipped All- Terrain Vehicle and bagged **5th position** nationwide in Mega ATV championship 2016.

Enduro Student INDIA (2016):(Previously Known as BAJA Student INDIA)

Ranked 4th in the exhilarating endurance race and bagged 14th position among 250 teams in Enduro Student India 2017.

Enduro Student INDIA (2017):

Ranked 13th in the sales event and gained 42nd position among 250 teams in Enduro Student India 2017.

BAJA SAEINDIA (2019):

Participated in BAJA SAE INDIA 2019 Virtuals and stood ahead of many IITs and NITs, and successfully cleared it
Now preparing for the main event of BAJA SAEINDIA 2019.

Our Creations

Supra (2012)



NEGATIVE(2013)

Mark-I (2016-17)





Mark-II (2018)

Mark-III (2019)

(CAD MODEL)

