

AXLR8R FORMULA RACING

VISION

Axlr8r Formula Racing envisions to design, fabricate, race and promote a real time formula style open wheel race car based on a series of rules. We will strive to become the most professional, respected, and prestigious team in SAE. We strive towards a constructive learning environment that will give the best hands-on engineering experience to any member. Through our commitment to quality, we strive to accomplish this through teamwork, dedication and effective communication. We make real what matters by setting the benchmark in the way we electrify, automate and digitalize the world around us. Ingenuity drives us and what we create is yours. Our passion for technology and innovation is what brings us together towards a common vision for the future which is mostly oriented to electrification of vehicles in India. The team is housed in the Central Workshop where the students work tirelessly to make their dream projects a reality. The institute provides the team with work space, workshops and machines. With their support we can put engineering theory into practice.

COMPOSITION OF THE CLUB:

The club comprises of 25 undergraduate students from different departments. The team members are divided into different departments under Mechanical and Electrical.

CORE MEMBERSHIP

- FACULTY ADVISOR OF AXLR8R FORMULA RACING

STUDENT MEMBERS

- CAPTAIN
- BOARD MEMBERS CONSISTING OF CHIEFS OF THE DEPARTMENTS
- SENIOR ENGINEERS
- JUNIOR ENGINEERS
- TRAINEES

EVENTS

AXLR8R Formula Racing participates and promote our car in various events inside and outside our institute round the year.

This includes:

- Auto Expo
- Open House
- Tryst
- Industry Day
- Rendezvous
- Alumni Day

After rigorous design, fabrication, manufacturing and testing we participate in various International and National Formula Student competitions, the biggest being the Formula Student Germany.

TIMELINE

DL1234 PROJECT ASSIGNMENT

DESIGN PHASE

BRAINSTROMING ON IDEAS

ANALYSING NEW IDEAS

DISCUSSIONS

TEAM MEETINGS

ITERATIONS

DESIGN FREEZING

FINAL CAD

MANUFACTURING PHASE

TEAM MEETINGS

DISCUSSIONS

PRODUCT ANALYSIS

SPONSOR PLANNING

FIELD WORK

ADMINISTRATION AND FINANCE

ASSEMBLY

TEAM MEETINGS

ITERATIONS

FINAL ASSEMBLY

TESTING PHASE

COMPETITION SEASON
