



Introduction

Baja SAE is an intercollegiate engineering design competition for undergraduate and graduate engineering Students. 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. Each team's goal is to design and build a single-seat, all-terrain, sporting vehicle whose structure contains the driver. The vehicle should aspire to market-leading performance in terms of speed, handling, ride, and ruggedness over rough terrain and off-road conditions.

Performance will be measured by success in the dynamic events which are described in the Baja SAE Rules, and are subject to event-site weather and course conditions.

SAE BAJA:

The BAJA SAE Series is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The event originated in the name of Mini-Baja, in the year 1976 at University of Carolina. Since then, the event has spanned across six countries – USA, Mexico, South Africa, Korea, Brazil and India.

Selection process:

Students have to undergo a virtual round where the team has to give presentation about Technical specifications, Team details, Failure Mode Effect Analysis, Cost, Bill of Materials, CAD images, Analysis Manufacturing. The BAJA Virtual are held in the month of July, 2015.

BAJA Student India™:

BAJA Student India, is a student design competition which follows the standards of the international BAJA SAE® competition held all over the world in various countries. Focus of this competition is on safety, good engineering practice, engineering design and education of the participating students.

Selection process:

Students have to go through a Online Rule book Quiz. The quiz is based on the rule book of SAE BAJA. Students are given specified time under which they have to answer a set of 25 questions correctly and on the basis of the time taken by each team, qualified teams are finally listed.

Team Knight Fury have had the privilege to participate in the rule book quiz. A total of 25 question were asked and 129 teams participated. Total 4 teams from Gujarat were qualified and Team Knight Fury was one of them. Knight Fury managed to secure 42th position in a total of 44 teams selected.

Team Knight Fury Selection:

Number of students from 4th& 6th Semester of Automobile/Mechanical departments was interviewed on the basis of technical knowledge and mental stability. To examine their passion for the event, Students even went through a quiz based on the rule book. On the basis of interest and skills, students were classified in to respective departments:

Sr. No.	Student Name	Enrollment No.	Departments
1.	Harsh Borderkar	120340102028	Space Frame
2.	Hardik Ribadiya	120340102011	

3.	Vijay Dubey	120340102043	Drive Line
4.	Ankit Vora	120340102039	
5.	Raj Shah	120340102056	
6.	Swapnil Thakkar	120340102025	
7.	Darshan Radadiya	130340102079	

8.	Prem Shah	130340102075	Suspension
9.	Kevin Christie	130340102012	
10.	Darshan Jain	130340119024	
11.	Harsh Patni	130340102066	
12.	Jay Soni	130340119114	

13.	Yash Patel	120340102013	Steering
14.	Shubham Patel	120340102040	
15.	Milin Shah	130340102097	
16.	Kishan Amin	130340102002	
17.	Dhairy Mehta	130340102036	
18.	Nisarg Mehta	130340119040	

19.	Vishnu Nair	120340102032	Brakes
20.	Trupesh Savani	120340102009	

21.	Harsh Modi	130340102038	Marketing
22.	Smit Chavda	130340102010	

23.	Parth Gadhvi	120340102067	Bodyworks
24.	Piyush Chothani	130340102011	

25.	Ankit Bhalani	120340102020	Tires and Wheels
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26.	Deepak Khatri	120340102016	Driver
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27.	Tirthesh Shah	130340102098	Documentation
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28.	Punit Jodhani	130340102076	Inventory
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