

E-BAJA 2016

About the competition:

This SAE BAJA was a national wide competition of designing and fabricating an all terrain vehicle. The result will be given based upon the performance of the vehicle.

Brief introduction:

Every academic year the competition of sae Baja will be having a process of approach.

First the team should register for the competition which generally happens in the month of April.

Later the team should attend for the virtual round (elimination round).approximately 400 colleges all over INDIA will be participating for this round out of which approximately 120-140 teams are selected based upon their performance.

As a process of approach this year our team have successfully completed the virtual round.

Schedule and approach followed for Virtual round at Chandigarh:

7 of our team members have participated in the virtual round.5 members are from IV year and 2 are from IIIYear.

The team offline registration and written exam took place on 10-07-15. Our team virtual session was scheduled on 11-07-15. One day accommodation was provided at chitkara university I.e on 10-07-2015.

We have done lots of reharsels and practice in order to give best performance.

We have preplanned everything from the starting of the presentation to the ending which includes the main points to be covered and we have thought to make it as an interactive session with the judges.

Finally as a result of hard work and smart work we have given a nice presentation about our vehicle. The judges in the panel also appreciated our way of approach to build a vehicle.

As our team was the title winner of BAJA2015 it also made a difference in the minds of judges. They have given some suggestions and even they have also discussed about the previous year's competition as they were the main persons in it. So it had gone as a discussion and interactive session in a cool way.

Present work to be done:

In a telephonic conference with all the Chief organisers and judges we have got information that this year all the E-BAJA teams should fabricate a 3 seater vehicle where 1 will be the driver and two others will be the passengers.

The event team has simply suggested us to make an electrical all terrain vehicles which could sustain in village improper roads.

So now we have to make the design and fabricate a 3 seater car according to the rules and drive it to the competition.

The SAE BAJA team has given the dates of competition as 16-02-2016 to 24-02-2016.

Support from the faculty:

Faculty has given us lot of support from their side. They have explained many concepts and tips. Irrespective of the time they have cleared our doubts and made our work very easy and move in a pleasant way. Apart from clearing the doubts they have given us strength that we (faculty) are there for you in any situation which leads to ultimate increase of an important feature in our team i.e confidence. We are very thankful to the entire faculty for the support they have given. Especially Dr.Y.V.HANUMANTHA RAO sir, S.RAMESH sir, Dr.K.V.RAMANA sir, Dr.B.RAGHU KUMAR sir, Y.KALYAN CHAKRAVARTHY sir and P.RATNA PRASAD sir.

We have also approached Mr.SUDHIR KEKRE sir who has given lot many of tips to grab the attention of the judges. We are really thankful to you sir.

Last but not least "our team - our strength": -

We have started our work from the month of June. Our team members have really worked very hard to put their best. We used to work after our CRT classes. We have worked late nights in the college itself sometimes even without having food fighting with all those mosquitoes. We have learnt to manage the work to be done. Every one individually in the team has really given their best.

TEAM UNBLOCKABULLS

Members participated in virtual round:

Sl.no	NAME	YEAR	DEPARTMENT
1.	D.Vijay kumar reddy	IV/IV	Analysis and Brakes
2.	B.Akhil	IV/IV	Design and Metallurgy
3.	J.Sri harsha	IV/IV	Suspension and Steering
4.	K.Madhava Rao	IV/IV	Transmission and Electricals
5.	M.Venkat sai	III/IV	Rule book and Mountings

TEAM MEMBERS:

Sl.no	NAME	YEAR/ BRANCH	DEPARTMENT/WORK ALLOCATION
1	D.VIJAYKUMAR REDDY	IV-MECH	Team CAPTAIN & CAE
2	B.AKHIL	IV-MECH	VICE-CAPTAIN & Designing
3	E.BHARGAVA SAI*	IV-MECH	Team Manager&suspension
4	M.N.V.S. BALAJI	IV-MECH	Steering system
5	P.ANOOP KUMAR*	IV-MECH	Braking system
6	M. R.V.S. SEKHAR	IV-MECH	Fabrication
7	Y.RAVI TEJA	IV-MECH	Transmission system
8	R.S.SHOWRI ROHITH	IV-MECH	Transmission system
9	J.SRI HARSHA	IV-MECH	Suspension system
10	K.SIVA SANKAR REDDY	IV-MECH	Transmission system
11	A.RAJASEKHAR	IV-MECH	Fabrication & CAE
12	K.MADHAVARAO*	IV-EEE	Electricals
13	N.MANOJ KUMAR*	IV-EEE	Electricals
14	K.BHARATKUMAR*	IV-MECH	Designing
15	P.ARAVIND*	IV-MECH	Public relations
16	R.RAKESH REDDY*	III-MECH	Braking
17	M.VENKATA SAI*	III-MECH	Fabrication
18	K.PAVAN SAI*	III-MECH	Suspension
19	V.K.RUPESH*	III-MECH	Design
20	M.AAKASH*	III-MECH	Transmission
21	CH.SATYA KALYAN*	III-MECH	Suspension
22	P.SHAHID AFRIDI KHAN*	III-MECH	Steering system
23	B.HARSHASRI VINAY*	III-MECH	Braking system
24	P.RAVINDRA NARAYAN*	III-MECH	Public relations
25	K.SURYA*	III-MECH	Transmission

*-NEW MEMBERS

FINALLY WE HAVE WON 2ND POSITION IN SAE BAJA VIRTUAL ROUND 2015.

http://www.bajasaeindia.org/pdf/Virtual%20BAJA%202015_Results