



About BAJA

Over the years Baja has grown in popularity and has become a bigger event nationally. It serves as a platform for young engineering talent to showcase their skills and acquire a real life experience while overcoming obstacles and challenges.

The 13th edition of BAJA SAEINDIA in the coming year 2020 will be altogether a different scenario in terms of the level of vehicles.

This time we have received a total of 282 registrations from all over the country. Since its inception, BAJA has inspired many brilliant minds to come up with mind boggling innovations and developments and this time also BAJA will ignite the passion which will generate the spark to create a better version of vehicles. This year Baja SAEINDIA will be organized at two different locations which are Pithampur, M.P and Chitkara University, Punjab. 120 teams for m-BAJA will be participating in Pithampur, Indore, M.P while 80 teams will be competing at Chitkara University, Punjab.

A total of 53 e-Baja teams will be participating at the main event. This is a big step towards awareness among individuals about alternate energy sources and sustainable development. E- BAJA is a strong initiative and we look forward to work for the betterment of technology and environment

Mahindra Presents
BAJA SAEINDIA
2020
BREAKING
CONVENTIONS



CHITKARA UNIVERSITY, CHANDIGARH (VIRTUAL ROUNDS)

DAY	DATE	mBAJA & eBAJA Teams
Day 0	11th July, 2019	Team Registration, Press Conference & Judges Meet
Day 1	12th July, 2019	Team Registration, Inauguration, Virtual presentation
Day 2	13th July, 2019	Team Registration, Virtual Presentation & Valedictory

PITHAMPUR - NATRIP, MADHYA PRADESH

DAY	DATE	mBAJA	eBAJA
Day 0	22nd Jan 2020	BAJA HR Aptitude Test (BAT), Press Conference, Technical Evaluation & Judges Meet	
Day 1	23rd Jan 2020	Registration, Inauguration, Technical Evaluation, Static Events: Go Green, Cost & Sales Presentation, Dronacharya	
Day 2	24th Jan 2020	Technical Evaluation, Dynamic Events, Entertainment night, Static Event: Design Evaluation, CAE & Dronacharya	
Day 3	25th Jan 2020	Technical evaluation, Dynamic Events	Endurance Run
Day 4	26th Jan 2020	Endurance Run & Valedictory	Valedictory
Day 5 & 6	27th & 28th Jan 2020	BAJA SAEINDIA 2020 HR Meet	

PUNJAB

DAY	DATE	mBAJA
Day 0	05th Mar, 2020	BAJA HR Aptitude Test (BAT), Press Conference & Judge Meet
Day 1	06th Mar, 2020	Registration, Inauguration, Technical Evaluation, Static Events: Go Green, Cost, Sales, Dronacharya & CAE
Day 2	07th Mar, 2020	Technical Evaluation, Dynamic Events, Entertainment Night, Static Event: Design Evaluation
Day 3	08th Mar, 2020	Endurance Run & Valedictory
Day 4	09th Mar, 2020	BAJA SAEINDIA 2020 HR Meet

Note: The above schedule is tentative. However, the dates are final, but Individual events might get re-sequenced, about which the teams will be notified one month prior to the main event.



Contact: BAJA Secretariat | saeindia_indore@saeindia.org | www.bajasaeindia.org | Follow us on

Journey of Team Vishwaracers Electric Baja:

Team Vishwaracers Baja was founded in January 2019. The journey of the team started by initially understanding the event, learning various design and analysis software and connecting with various teams to understand how to start working. As a new team we had many obstacles among which the most difficult was to raise funds to build a vehicle with utmost optimization. Finally, we were able to register for the event.

In the month of July there is the first phase of the event which is the Virtual Event (Held in Chitkara University, Punjab) in which we have to validate our calculations and design from the judges. We cleared the Virtual Event with a good rank and were promoted to the Main Event which is in the month of January. The next 6 months were the most crucial as we had to build a whole vehicle. Most of the parts used in our vehicle were manufactured by the team, this gave us deep knowledge about manufacturing. After day-night hard work of the whole team our vehicle (Meraxes) was ready to run. We tested our vehicle for the event for a month and finally Meraxes was ready for the Main Event.

The Main Event (Held at Natrax, Pithampur, Indore) comprises of various Static and Dynamic events. The first step for any team is to clear the Technical Evaluation which our team cleared with few changes suggested by the judges. Judges appreciated and endorsed our electrical system. The team participated in all static as well as dynamic events and finished with glorifying results.

Started Our Event on 22nd January 2020:

Day1 (22nd Jan 2020):

We unloaded the vehicle from the trailer on 22nd January 2020 with the help of our team. We registered our team for the event at registration desk. And all the team got their ID cards as well as T-shirts and caps for entering the event venue. We have allotted the pit number to keep our vehicle in the pit for any modification work we can carry out in the pit only. The whole day was kept for registration only.

Day2 (23rd Jan 2020):

On the second day we were excited to face our first technical inspection scrutiny. Before going to TI, we inspected our vehicle two to three times as per the rule book. It seems that we are satisfying all the rules as per the rule book. So were ready for our vehicle to go through first TI. In the first TI we were told few changes. It took us the whole day to apply the changes as we had to go to the market to buy few things which was 40km away.

Day3 (24th Jan 2020):

On this day the first thing we did was lined up for electrical TI. We cleared electrical TI till noon and after the lunch we lined up for mechanical TI. Few of our team members went to the static events like Design Report, Cost Report and B-Plan and performed very well. We cleared the TI till evening. We wished to attempt the brake test but the day was over.

Day4 (25th Jan 2020):

This was the last day for E-Baja so we had to complete all dynamic events till noon as after that the final endurance race for scheduled. We cleared the brake test in the first attempt itself and finally we got the TI clearance sticker. After that we rushed through all the dynamic events (Acceleration, Manuvrability and rock crawl). We finished all dynamic events and were ready for the final endurance race. The endurance race stated at 3pm and was for 2hours. Our vehicle stopped working 2-3 times between the race but our driver managed to finish 4th in the event with 9laps. This day for the most exiting and exhausting day.

Day5 (26th Jan 2020)

This day for the Valedictory day. The results were declared and winners were given awards and cash prize. We were very happy with our result as it was our first year of participation and we finished the event with satisfying results. All the function we loaded our vehicle back into trailer and the vehicle was set to return back to the college.

Results:

- **3rd Rank in Cost Report.**
- **3rd Rank in Acceleration.**
- **Stood 4th in Endurance Race.**
- **Overall Rank 4th.**

