

SAEINDIA BAJA 2013



A team of 24 students from our college under the team name V24 participated in **SAEIndia BAJA 2013** which was conducted at **Pithampur, Madhya Pradesh**. 120 teams participated from all over INDIA our team finished at **30th position** and we got ranked as the **1st from KERALA**. The event focuses on the engineering and designing skills of the team members for making a four wheeled off road buggy. The buggy lovingly named "**HITLER**" by the team was designed and manufactured with the guidance and support of **SCMS GROUP** and the **Automobile Department of SSET**. The first round was the **VIRTUAL BAJA** event conducted at **Bangalore Institute of Technology, Bangalore** in which 300 teams participated and only 120 teams got short listed.

Wednes

college diaries

Getting down to nuts and bolts

Third year automobile students of SCMS College finished 30th out of 120 teams from all over the country and came up with a single-seater buggy called Hitler

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Baja, an international collegiate design competition conducted by the Society of Automotive Engineers saw the third year automobile students of SCMS College bag the 30th position in India. The contest challenges each team to function as a small manufacturing firm, whose task is to design, fabricate, market and race an off-road vehicle prototype that will be evaluated from a variety of manufacturing angles.

The team had to design the vehicle considering all possible alternatives for a system. A full vehicle modelling was carried out in CAD

Rather than designing a vehicle the conventional way, the team of 24 students worked to bring some innovative ideas and came up with three technical innovations in brakes, suspension and transmission. Ram Vignesh, the captain of the team says, "On January 15, technical inspection was held at the respective colleges who were selected for the final round to ensure that the students have followed the rules and not done any fabrication."

The students named the single-seater buggy 'Hitler'. This is one of the biggest competitions for the students as many Baja vehicles have entered the Baja SAE events in the US and around the world.

Another student Milan Joseph said, "There were many guidelines and technical aspects which the team members had to follow. Three teams from Kerala had participated but our team was leading."

Apart from the classroom lectures, these students consider this competition, of global standards, as one of best opportunity to learn more beyond textbooks. From sponsorship to paperwork, we could master everything required to market a vehicle," added the team captain.

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