



SAE INDIA RCOEM COLLEGIATE CLUB

SAE INDIA BAJA - 2015

Team “Impulsifiers” of SAEINDIA RCOEM, collegiate club participated in the finals of SAEINDIA BAJA 2015 held at the NATRAX facility in NATRIP (National Automotive Testing and R&D Infrastructure Project) Pithampur near Indore, from 18th to 24th February 2015. SAE INDIA BAJA 2015 is a student competition organized by SAE (Society of Automotive Engineers) India in which students have to design and fabricate an ATV (All Terrain Vehicle). The 20 student members of team “Impulsifiers” worked meticulously to design, evaluate, analyze, fabricate and test the ATV on their own. Students used modern CAD softwares while designing of the vehicle and performed the analysis using tools like ANSYS and HYPERWORKS in the departmental CAD/CAE lab.

The entire vehicle was fabricated in the college workshop; the students themselves performed the various operations like cutting, machining, casting, welding etc. The vehicle went through rigorous inspection and evaluation by the experts hailing from various automobile companies and received appreciation for its low-cost design and self-manufactured components. Team “IMPULSIFIERS” was in top 10 teams in the design and cost category amongst the 110 teams, including teams from IITs and NITs, Previously the team also cleared the **Virtuals** of SAE BAJA 2015, held at G.T.U Ahmedabad, Gujarat on 1st – 2nd August 2014.



ATV designed and fabricated by the students of Team IMPULSIFIERS of SAE INDIA RCOEM Collegiate Club for the national level student competition SAE INDIA BAJA 2015 undergoing rigorous examination by the experts from the automotive industry.

Ms. Bhagyashree Chauhan, final year student of mechanical engineering department RCOEM, brought laurels to the college by getting placed in ARAI (The Automotive research Association of India), during the H.R meet organized at SAEINDIA BAJA' 15 competition. She cleared the Aptitude Test and Group Discussion with flying colors and underwent intense grilling by the interviewers to test her technical acumen and attitude. Impressed by her technical ability, communication skills, zeal to learn and excel, the officials of ARAI said that they were proud to select her.

Team Members: Rupak Ghawghawe(Captain), Bhagyashree Chauhan(Team Manager), Ankush Wawoo, Ritesh Yadav, Shubham Hardas, Navjot Acharya, Sanket Gomekar, Digvijay Turkar, Ishant Goyal, Abhishek Kanth, Shubham Baranwal, Shubham Pokle, Akshay Rathi, Gaurav Badar (VI semester Mech), Abhishek Mishra, Saurabh Trivedi, Akshay Kumar Singh(VI semester Ind.), Mayank Mohoni(VI sem Electronics), Siddharth Singh, Shymalee Mishra (IV Semester Mech.)

Faculty Advisors: Prof. Roshan U Patil, Prof. Bhushan C Bissa (Department of Mechanical Engineering), Prof. Sagar V Naidu (Department of Industrial Engineering)