The BAJA SAE is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The BAJA SAE trains the students to design, fabricate & validate single seated four – wheeled off road vehicle to take part in series of events that test the vehicle in terms of gradability, speed, acceleration & maneuverability characteristics and finally its ability to endure that back breaking durability test.

SOCET students cleared the Virtual Baja competition in their very first attempt in July, 2013 and now they are looking forward to the final round.

Mechanical Department of SOCET organized one day workshop on ‘Design of All-Terrain Vehicle’ on 28th Dec’2013, for better guidance & assistance for the participating students of SAE BAJA competition. Seminar organized by Prof. Hardik D. Gangadia, Prof. Hetal P. Deshmukh & Prof. Ripen Shah, faculties of Mechanical Engineering Department. This seminar focuses on effective design of ATV considering the modern manufacturing techniques & cost reduction techniques. This kind of seminar is held for the first time at the state level of Gujarat.
Prominent speakers, having paramount knowledge in engineering as well as industrial field, have guided students to overcome the barriers for BAJA SAE event.

- **DR. K C VORA**  
  *Overall event coordinator, SAE BAJA*

- **MR. SANJAY NIBANDHE**  
  *Convener, SAE BAJA*  
  *DGM-proto development, R&D at Mahindra & Mahindra Ltd*

- **MR. VINAY MUNDADA**  
  *Static Event Committee, SAE BAJA*

- **PROF. S.K. GUPTA**  
  *Faculty coordinator, SAE BAJA*

Shri. Shailesh Patwari (President of Naroda industries association) was also being a part of this workshop as a chief guest. Shri Vinod Modi (Corporator of Dariyapur ward) & Shri Jignesh Patel (Director of Khodiyar CAD Centre) has also given their presence in workshop as a guest of honor.
Students of SAE Baja team and faculty advisors of the team, selected in virtual SAE Baja, have participated in the workshop.
List of colleges participated:-

Silver Oak College of Engineering & Technology

Nirma University

L.D. College of engineering

Alpha College of Engg. & Tech.

Universal College of Engineering

Ahmedabad Institute of Technology

Objectives Of Workshop:-

• To develop and strengthen a feeling of fraternity amongst its members and the present students of the SOCET COLLEGIATE CLUB.
• To form a link between its members, and representatives of Industries, Associations, and professionals in the Automobile sector.
• To carry out research, or undertake non-commercial projects in order to enrich the knowledge of its members and to contribute to those socially relevant problem areas which need a non-commercial approach.
• To organize short duration courses of continuous education in various disciplines for the college.
• To organize talks and group discussions on matters relating to the topic of interest.
• To set up and maintain an infrastructure for the betterment of the college / its present students / libraries / information / services / placement cell.