



The BAJA SAE is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The event originated in the name of Mini - BAJA, in the year 1976 at University of Carolina and then gradually spread out. Since then, the event has spanned across six countries - USA, Mexico, South Africa, Korea, Brazil and India.

The BAJA SAE trains the students to design, fabricate and validate a single seater four - wheeled off road vehicle to take part in series of events spread over a course of 3 days that test the vehicle for the sound engineering practices that have gone into it, the agility of the vehicle in terms of gradability, speed, acceleration and manoeuvrability characteristics and finally its ability to endure that back breaking durability test.

### ABOUT SOCET...

*Located in the heart of Ahmedabad at S.G. Road, most happening & highly commercialized road of Gujarat.*

*Institute is having*

- *Five different branches with 900 UG & 96 PG seats*
- *Apple lab*
- *Well-equipped robotics lab*
- *Digital class rooms*
- *Sophisticated Training and Placement Cell*



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## SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

APPROVED BY AICTE  
AFFILIATED TO GUJARAT TECHNOLOGICAL UNIVERSITY  
ISO 9001:2008 CERTIFIED INSTITUTE

*ONE DAY WORKSHOP  
ON  
'DESIGN OF ALL-TERRAIN VEHICLE'*



**28<sup>TH</sup> December 2013, Saturday**

*Achieving a better fit  
between you & the SAE  
BAJA competition...*



## EXPERTS -

- *Mr. Sanjay Nibandhe*  
Convener, SAE BAJA  
DGM -Proto Development,  
R&D at Mahindra & Mahindra Ltd
- *Dr. K.C.Vora*  
Overall Event Coordinator, SAE BAJA
- *Mr. Vijay Mundada*  
Static Event Committee, SAE BAJA
- *Prof. S.K.Gupte*  
Faculty Coordinator, SAE BAJA
- *Prof. P.D.Patel*  
Faculty Adviser, SAE BAJA  
L.D.College of Engineering

## WORKSHOP OUTLINE-

### 28<sup>th</sup> December 2013, Saturday

- 09.30 am - High Tea
- 10.15 am -Inauguration Ceremony
- 10.30 am –Opening Remarks from  
Principal Dr.Saurin Shah, SOCET
- 10.45 am - Expert Talk:  
Prof. P.D.Patel
- 11.00 am - Expert Talk:  
Dr. K.C.Vora
- 12.15 pm - Lunch Break
- 01.00 pm - Expert Talk:  
Mr. Sanjay Nibandhe
- 02.15 pm - Expert Talk:  
Mr.Vijay Mundala
- 03.30 pm - Expert Talk:  
Prof. S.K.Gupte
- 04.45 pm - Visit to SAE BAJA  
Workshop, SOCET
- 05.30 pm – Closing Ceremony



## EXPECTED OUTCOME:

### Students will get the knowledge about:-

- *Effective Design of ATV*
- *Design of ATV with Optimum Weight*
- *Advanced Fabrication Technique of Vehicle*
- *Considerations for Cost Reduction*



## CONTACT PERSONS:

**Prof. HetalDeshmukh-**  
**7874845306**  
**Prof. HardikGangadia-**  
**8866095567**

- Providing you with realistic expectations for the SAE BAJA competition...
- Talent hits a target, no one else can hit;  
Genius hits a target, no one else can see...

