



SARASWATI Education Society's  
**SARASWATI College of Engineering**

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

## DEPARTMENT OF AUTOMOBILE ENGINEERING

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### Institute's Mission & Vision

**Mission** -To educate students to become quality technocrats for taking up challenges in all facets of life.

**Vision** -To become center of excellence in Engineering education and research.

### Departmental Mission & Vision

**Mission** -To develop highly competent technical manpower.

**Vision** -To foster research based technical skills to satisfy the needs of society.

### From the Desk of HOD



Welcome and great wishes to everyone who receives this newsletter. This previous semester was a healthy package of great success in academics, co-curricular and extra-curricular activities.

Department has initiated PUC Centre in association with RTO Panvel. Department Congratulates Prahar Team for achieving 7<sup>th</sup> Rank in Cost and Manufacturing event organized by FSAE. First time Department has Sanctioned Minor Research grant From Mumbai University. Department Also Congrats those who have enrolled for higher Education. I would like to thank all my colleagues for their numerous tireless efforts to help department.

**Program Educational Objectives (PEO's):**

- To prepare students for successful careers in automotive industries that meet the needs of Indian and multinational companies.
- To develop the ability among students to synthesize data and technical concepts for application to automotive design.
- To provide opportunity for students to work as part of teams on multidisciplinary projects.
- To provide students with a sound foundation in the mathematical, scientific and engineering fundamentals
- To frame students to solve and analyse engineering problems for research oriented studies.
- To promote student awareness for life-long learning and to introduce them to professional ethics and codes of professional practice

**Program Outcomes (PO):**

After successful completion of the course,

- Graduates will demonstrate basic knowledge in mathematics, science and engineering.
- Graduate will demonstrate the ability to design and conduct experiments, interpret and analyze data and report results.
- Graduate will demonstrate the ability to design an automotive or a thermal system or a mechanical process that meets desired specifications and requirements.
- Graduates will demonstrate the ability to function on engineering and science teams, as well as on multidisciplinary design teams.
- Graduates will demonstrate the ability to identify, formulate and solve Automobile engineering problems.
- Graduates will demonstrate an understanding of their professional and ethical responsibilities.
- Graduates will be able to communicate effectively in verbal, written and graphical forms.
- Graduates will have the confidence to apply engineering solutions in global and societal contexts.
- Graduates will be broadly educated and will have an understanding of the impact of engineering on society, demonstrate awareness of contemporary issues.
- Graduates will be familiar with modern engineering software tools & equipment to analyze automotive engineering problem.
- Graduate should be able to design, plan and execute projects related to automobile field in an orderly manner with due considerations for financial constraints.

## Departmental Events



A new car launch **VAYU 1.0** from **PRAHAAR** team in Jan. 2017



**Department Advisory Board Meeting**



**“One Book, One Pen”**, a social activity for needy students on **Foundaton day 2016**. Donation to **Vatsalya Foundation** and students of **Shree Annasaheb Sahastrabuddhe Charitable Ashram School, Panvel**





### **Convocation & Alumni Meet 2017**

A great union of passed out students and Convocation Ceremony held in auditorium on 10<sup>th</sup> Feb. 2017

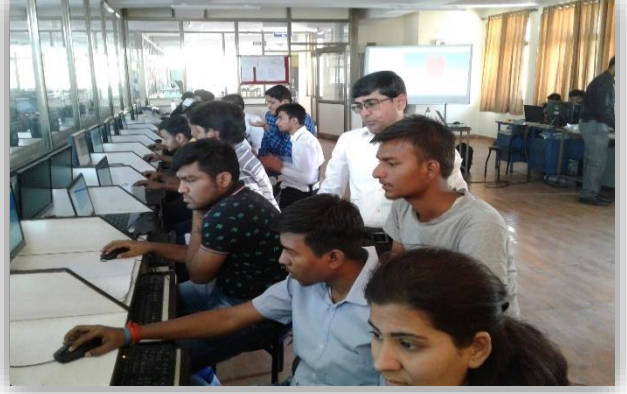


acquire valuable suggestions for growth of department held on 11<sup>th</sup> Feb. 2017.

**Nurture-** Add on course for students of Second year of Engg.



**Ravi Automobile Services** in Ghatkopar East was to provide real life exposure to students about knowledge of business systems and the working of authorized service center.



**OptiStruct-** Normal mode, Static, Thermal and Acoustic analysis for Automobile and Mechanical students by **Mr. Vishal Suthar** on 24 Feb. 2017

A research talk on **Latest developments in**



**Parent Teacher Meeting** for every semester to let parent know their ward's progress and



**Mechatronics, Robotics and Automation** by **Dr. D. G. Thakur** from D.A.I.T., Pune



**Hon. Secretary madam Mrs. Vrushali Deshmukh** congratulating our Final year student **Aniketh Lolam** selected as college representative of E-Cell, IIT Bombay.

### Toppers in 2016-17

SR.NO	NAME	CGPI
1	Devender Ayppan	8.49
2	Vishwam Shah	8.38
3	Gurav Santosh	7.89
4	Khade Aniketh	7.75
5	Kartik S.	7.57
6	Patel Bhavna R.	7.57



**PRAHAAR** Racing team achieved **7th Rank** in **Cost and Manufacturing** event organized by FSAE at Noida, Delhi on **27<sup>th</sup> January, 2016**.

### Student Council Members:

1. **Anurag Gupta – Sports Head**
2. **Sahil Dabholkar – Cultural Head**
3. **Sairaj Pardeshi – Promotion Head**



**PRAHAAR** team achieved **14<sup>th</sup> rank** in Cost report, **12<sup>th</sup> rank** in Design and **18<sup>th</sup> rank** overall in **Formula Bharat 2017**