

## SARASWATI COLLEGE OF ENGINEERING DEPARTMENT OF AUTOMOBILE ENGINEERING

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### Vision

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

### Mission

To develop highly competent technical manpower.

### 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. It gives me a wonderful opportunity to present the 4<sup>th</sup> issue of 'Automobile Newsletter'. This internal newsletter allows us to have a close look of all departmental activities during this semester. As you go through the pages you will realise the department had specially a great semester. Progress in all aspects and at the same time to maintain it.

Heartiest congratulation to all final year university toppers. Also I appreciate the efforts taken by Prahar team. I would like to thank all my colleagues for their numerous tireless efforts to help departmental work.

### Program Educational Objectives (PEO)

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

### Program Outcomes (PO)

After successful completion of the course,

- Graduates will demonstrate basic knowledge in mathematics, science and engineering.
- Graduates will demonstrate the ability to design and conduct experiments, interpret and analyse data and report results.
- Graduates 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 and equipments to analyse automotive engineering problems.
- Graduate should be able to design, plan and execute projects related to automobile field in an orderly manner with due considerations for financial constraints.

### Department Events

- Expert lecture for B.E. students by Dr. D. P. Tambuskar (HOD, Mechanical and Automobile Engg. dept., PIIT, Panvel) for “Product Design & Development” on 28<sup>th</sup> Aug. 2015



- On the occasion of Foundation Day students and faculties of Automobile department donated Rs. 5000/- for Social Cause “Make a Wish” India Mumbai division.

- Expert lecture for S.E. students by Prof. Dinesh Joshi (Civil dept., SCOE) for “Strength of Material” on 8<sup>th</sup> Oct. 2015



- Expert lecture for T.E. students by Prof. S. M. Joshi (Mechanical and Automobile dept., PIIT) for “Heat Transfer” on 5<sup>th</sup> Oct. 2015



- A one week training program on SolidWorks



- Two day workshop on Internal Combustion Engine Management System



- One week workshop organized by Campus Credential for Final Year students for aptitude training and interview preparation.



- A Seminar on Engine Management System by “Idea Solutions”



- Celebration of “Gurupournima”



- A session on “Motivation and Self Belief” by Miss. Nikita Dhandhukia



- “Tree Plantation” by students on Independence Day.



- Celebration of “Teacher’s Day”



- Sketch competition event organized named “BappaMorya” on the occasion of “Foundation Day”



- Project Exhibition “Auto INVENTIA” based on PDD



- One Day Industrial Visit at Ashok Leyland, Palaspe, Panvel on 12<sup>th</sup> Oct. 2015.



- One day Industrial Visit for T.E. and B.E. students at Jindal Steel Works (JSW), Dolvi on 14th Oct. 2015.



## Student Achievements

### University Toppers for Academic Year 2014-15

Sr	Name of Student	University Rank
1	Naik Aakash A.	2
2	Kurhade Sumit R.	3
3	Gadhawe Dipak B.	6
4	Dalvi Chetan M.	7
5	Korade Sangam S.	9
6	Kadam Dipesh B.	11
7	Ghankutkar Prathamesh	22
8	Gole Nitesh J.	23
9	Kumar Bimal K.	24
10	Kolhe Sameer B.	28
11	Darandale Milind D.	29
12	Jadhav Dattatraya P.	34
13	Parte Abhay A.	35

## TE Toppers

1. Devendar Ayappan
2. Karthik Sivasubramanian
3. Vishwam Shah

## SE Toppers

1. Sandip Sharma
  2. Lalit Wani
  3. Aniketh Lolam
- Bhavana Patel, Aniruddha Pandit, Kartik Sivasubramanian, Yash Phadnis, Participated in paper presentation competition at SIES, Nerul.

## Students Placed in Industries

- Animesh Balse (Electric Vehicle India)
- Sunny Sharma (Arya Honda)
- Kunal Jain (Volkswagen India, Pune)

## Staff Achievements

### Papers Published/ Presented

Sr.	Name of Faculty	Total	2014-15
1	Prof. T. Z. Quazi	27	4
2	Prof. Pratik More	3	-
3	Prof. Prashant Ingale	2	-
4	Prof. Sagar Khatavkar	3	3
5	Prof. Siddhesh Lad	3	3
6	Prof. Mandar Jagtap	5	4
7	Prof. Chetan Thakur	1	1
8	Prof. Amit Patil	3	-
9	Prof. Aniket Akhade	3	2
10	Prof. Bhau Kumbhar	16	8
11	Prof. Azar Bargir	3	2
12	Prof. Sneha Mokal	3	3
13	Prof. Amruta Karve	2	2

- Prof. Bhau Kumbhar published a book 'Synthesis and Characterization of Magneto rheological Fluids' in Lambert Academic Publisher USA, 2015
- Under guidance of Prof. T. Z. Quazi five students awarded ME Mechanical with specialization in Manufacturing systems Engineering
- Prof. P. G. More and C. T. Thakur completed PUC training at NETEL India Pvt Ltd.
- Prof. S.S. Khatavkar and Prof. C. T. Thakur submitted PUC proposal to RTO Panvel.
- Two minor research proposals submitted to Mumbai University by Prof. T. Z. Quazi, Prof. S. S. Khatavkar and Prof. M. D. Jagtap.