

Vision of College

To Become Centre of Excellence in Engineering Education & Research.

Mission of College

To Educate Students to Become Quality Technocrats for taking up Challenges in all Facets of life.

Vision of Department

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

Mission of Department

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.

Department has initiated PUC Centre in association with RTO Panvel. Department Congratulates Prahar Team for achieving 7th Rank in Cost and Manufacturing event organised 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)

- 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 analyse 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 students awareness for lifelong learning & to introduce them to professional ethics & codes of professional practice
- To provide opportunities 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 & equipment to analyse 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.

Department Events

- Expert lecture for S.E. students by **Prof. U.W. Mate** (Civil Engineering Department, SCOE) for “**Fluid Mechanics**” on 5th April 2016.



- Expert lecture for T.E. students by **Prof. Ramachandra Yadav** for “**Mechanical Vibration**” on 31st March 2016.



- Expert lecture for T.E. students by **Prof. Paramjit Thakur** (Mechanical Engineering Department, SCOE) for “**Finite Element Analysis**” on 4th April 2016.



- Expert lecture for B.E. students by **Prof. Rajshekhar Sardagi** (Saboo Siddique College of Engineering) for “**Vehicle Dynamics**” on 5th April. 2016.



- Industrial Visit organized successfully for B.E. and T.E. students at **Delta Industries Pvt. Ltd.**, Ramnagar, Nainital Dated 28th Dec. 2015.



- Industrial Visit organized successfully at **NRB Bearing Ltd.**, Aurangabad on 8th March 2016.



- **67th Republic Day** was successfully organized by Automobile department and Student Council. Flag hosting done by **Hon. Secretary Vrushali Deshmukh** in presence of **Hon. Principal Dr. Manjusha Deshmukh**.



- Industrial Visit organized successfully at **Century Rayon, Sharad** held on 7th April 2016.



- Road Safety Rally was organized by Automobile Dept. & RVIOT in Association with **RTO, Panvel** in presence of **Regional Transportation Officer Mr. Aanand Patil**, on 22nd January 2016.



- First batch **Convocation** held on 24th Feb 2016.



- **PUC Camp** organized by the department in collaboration with **RTO Panvel** on 15th & 16th March 2016.



- **Parents-Teacher meeting** was held on 12th March 2016.



- Second batch of Automobile Engineers, Batch of 2015-16 with **Hon. Principal Dr. Manjusha Deshmukh** and **Dean Admin. Prof. S.N. Teli**



- **Project presentation** by Final year student held on 23rd April 2016.



- Successfully organized **Second Farewell** held on 25th April 2016.



- **Alumni meet** was held on 29th May 2016 in presence of Hon. Principal **Dr. Manjusha Deshmukh**.



Student Achievements:

- **Akash Naik (2nd) and Sumit Kurhade (3rd) University Rank Holders** Were felicitated by Hon. Vice Chancellor, **Dr. Sanjay Deshmukh**, Mumbai University.



- **TEAM PRAHAAR** was participated on 24th Jan 2016 in **FSAE** held at NOIDA & **achieved 7th Rank in Cost & Manufacturing Event** & Applaud by International Judges.



- **TEAM PRAHAR** has also registered in **FORMULA STUDENT RUSSIA 2016**.

- Automobile Department has also got the **First prize in Floor decoration** from **Secretary of Republican Party Mr. Sushil Mahadik in Nakshatra 2016**.



- Automobile Department has also got **First prize in Tug of War in NAKSHATRA 2016**. Team led By **Anurag Gupta**.



- **Sahil Dabholkar** from Student Council was felicitated by Hon. Principal, **Dr. Manjusha Deshmukh** for **Nakshatra work**.



- B.E student got **3rd prize in National level project Competition AVISHKAR 2016** for the project **“Modification of Suspension System”** by **Dr. Tejaswini D. Nalamutt**.



- **Baja Supra Student** attended one day workshop on **7th March 2016 at NITIE, Powai of Rapid Prototyping Technology** organized by **Prof. T.Z.Quazi**.



- **Best Student of the Batch Award** was given to **Devendar Aiyappan** for the batch 2012-2016 from the Department by **Dean Admin. Prof. S.N. Teli**.



- **Best Student award** was given to **Aniket khade** for the year 2016 from the Department by **Prof. T. Z. Quazi**.



➤ **Toppers for Academic Year 2014-15**

	Rank	Name of Student	CGPI
BE	1	Patel Bhavana R.	9.04
	2	Devendra Ayappan M.	8.65
	3	Shah Vishwam G.	8.23
TE	1	Sharma Sandeep S.	8.81
	2	Doshi Jay S.	8.07
	3	Lolam Aniketh / Shenoy Udbhav	7.63
SE	1	Zaware Ganesh B	9.33
	2	Bobade Ganesh / Patil Prajwal	7.71
	3	Dabholkar Sahil D.	7.43

➤ **Entrepreneur's Network Committee:**

Sr	Name of Student	Designation
1	Aniketh Lolam	Public Relation Director (Head),
2	Amit Mane	Documentation Director (Head),
3	Prasad Kanse	Digital Design Director
4	Omprakash Mare	Planning Director

➤ **Student's Council Committee:**

Sr	Name of Student	Designation
1	Aniket Khade	Creative Head
2	Apurvi Veldandi	Documentation head
3	Sahil Dabholkar	Joint Cultural Secretary

➤ **Students Placed in Industries**

1. Neelam Nalawade (Sutherland Services)
2. Ayyappan Devendar (Tribotech)
3. Shailesh Yadav (Tribotech)

Staff Achievements:

➤ **Papers Published/ Presented by Faculties:**

1. **Prof. T.Z. Quazi** published paper on "*Impact of Implant pitch and length variation on stress intensity around dental implant bone interface -3D Finite Element Analysis*" in IJESRT March 16.

2. **Prof P.D. Ingle** published paper on "*A study of molten flow through the gating system: simulation and its experiment validation*" in Ph.D. curriculum VJTI.
3. **Prof. Siddhesh Lad** has Published a Paper titled "*Problem Solving Methodology by Quality Control Story a Review*" published in International Conference (ICAST-2015) held at SCOE, Kharghar, Navi Mumbai.
4. **Prof. Pratik More** published paper on "**cut-off system in Vehicle Safety**" in IJMREE Nov 2015.
5. **Prof. Sagar Khatavkar** publish paper on "**Modified Suspension of Motorcycle –A review**" IJSET Feb 2016.
6. **Prof. Janak Suthar, Prof. Chetan Thakur, Prof. Amit Patil** published paper on "**Exhaust gas analysis of CI engine with co-generation**" in IJMREE Dec 2015.

- CAD/CAM software training: **Prof. Sneha Mokal** and **Prof. Azhar Bargir** attended a training session for modeling software **SOLID EDGE ST8 & NX 10**.
- **P.U.C. permission granted** vide R.T.O.'s order dated 25th Jan 2016.
- Minor Research Proposals granted by Mumbai University "**Towards Sustainable Development: A Case Study of Plastic Waste Management of Municipal Corporation**". By **Prof. T.Z. Quazi** and **Prof. Mandar Jagtap**.
- RGPI- Pre proposal submitted by **Prof. Sagar Khatavkar** on "**Engine Condition Monitoring Lubricating Oil Analysis**" and by **Prof. Bhau Kumbhar** on "**Investigation into Magneto-Rheological (MR) Brake for Automotive Applications**".
- **Prof. Bhau Kumbhar** got **PhD Admission** in IIT, Indore.
- **Prof. T.Z. Quazi** got **PhD admission** in LTCOE, Navi Mumbai.
- **Prof. Siddhesh Lad, Prof. Mandar Jagtap & Prof. Sagar Khatavkar**, these staff member has been **promoted to 6th pay scale**.