



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

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DEPARTMENT OF MECHANICAL ENGINEERING

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NEWSLETTER

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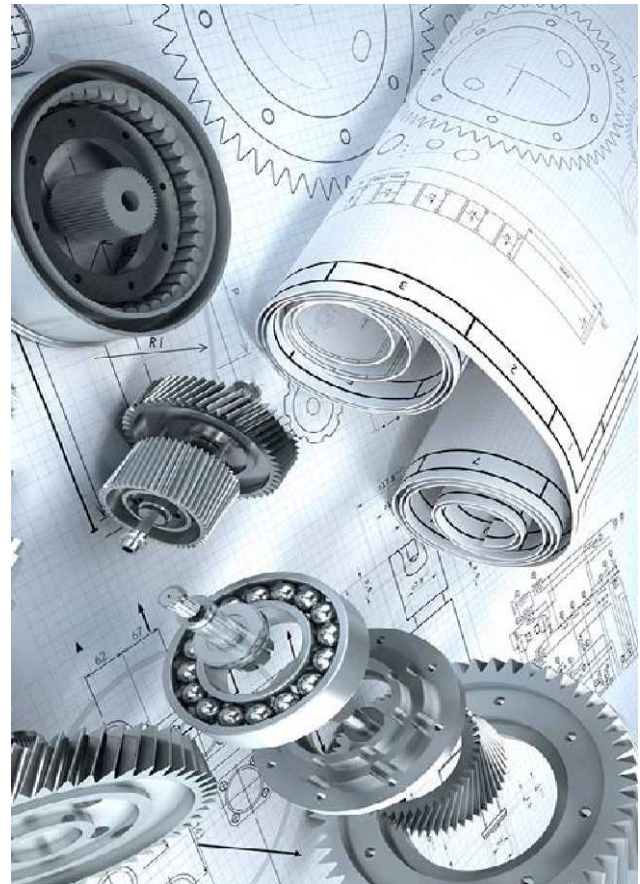
FROM HOD'S DESK

The spirit of improvement is not always a spirit of liberty; for it may aim at forcing improvement on an unwilling people.

Mechanical Engineering is the largest of the engineering disciplines and a large number of mechanical engineers go into manufacturing of computer and electronic products, machinery and transportation equipments.

The department cares for student support, mentoring, tutoring, study skills workshops and career development. Mechanical Engineering students culminate their studies with a year-long capstone project requiring design problem solving, creative thinking, project planning and teamwork. A broad selection of technical electives encourages students to pursue special interests in design and manufacturing, energy and environmental issues, thermal and fluid sciences materials, dynamics & controls and robotics.

Dr.Fauzia Siddiqui



EDITORIAL BOARD

Dr.Fauzia Siddiqui.....(Head of Department)

Prof. AbhijeetRanveer.....(Faculty in charge)

Prof. VitthalChormale.....(Faculty in charge)

VISION

To emerge as a centre of excellence in academics and research in the field of Mechanical Engineering.

MISSION

To create professionally competent engineers with analytical and research skills for promoting an environment of continuous learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

1. To create excellent mechanical engineers with core competency in mathematics, science and engineering enabling development of problem solving skills.
2. To strengthen themselves professionally and personally to accept responsibilities and pursue higher education in engineering and other professional fields.
3. To use modern tools and techniques necessary for mechanical engineering and allied disciplines leading to research and development.
4. To inculcate the students to work effectively in cross-functional teams and cultivate the principles of professional ethics and social responsibilities.
5. To develop the students adaptable to change in environment and application of appropriate methodology for value addition so as to support economic growth.

PROGRAM OBJECTIVES (PO'S)

1. Ability to apply knowledge of Mathematics, Science and fundamental of Mechanical Engineering.
2. Ability to design and conduct experiments, as well as to analyze and interpret the data.
3. An ability to use techniques, skills and modern engineering tools necessary for engineering practice.
4. An ability to identify, formulate and solve engineering problems.
5. Committed to professional, social and ethical responsibility to function effectively as a team leader in engineering practices.
6. Inculcating self-discipline and self-confidence, and to make the students internally driven to set personal goals.
7. Ability to engage in life-long learning in order to maintain sustainable development even during the crisis.
8. An awareness of contemporary issues and broad understanding of the impact of engineering and technology on society.
9. Ability to understand environmental and contemporary issues.
10. Possess the skills to communicate effectively with a wide range of both engineering and non-engineering community.
11. Ability to work as a team and as an individual effectively and apply knowledge of management principles to handle projects in multidisciplinary environment.

PROGRAMS ORGANIZED

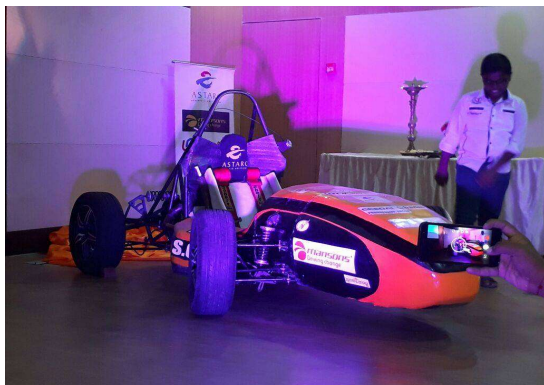
- ❖ A grant event Jamboree 4 held by ISHRAE students on 7th January 2017.



- ❖ An “International Conference on Sustainable Development in Design and Manufacturing (ICSDDM-2017)” held on 12th -13th Jan 2017.



- ❖ Rollout of Vayu1.0 a brand-new avatar of formula styled car made by TeamPrahar Racing of SCOE students on 14th January 2017.



- ❖ Dheeraj Kulkarni, Sharique Ahmad and JaaiBadgujar won the first prize in National Level Energy Conservation Competition Under the guidance of Dr. Fauzia Siddiqui. Reliance Energy Thermal Plant organized the competition at Dahanu on 24th January 2017.



- ❖ One day Industrial Visit was organized for students to Uttam Galva Steel, Khopoli on 29th January 2017.



- ❖ MESA visited Ashalaya, Kharghar to organize social cause activity on 3rd February 2017.



- ❖ A guest lecture was organized on Latest Developments in Mechatronics, Robotics & Automation by Dr. D. G. Thakur from Defence Institute of Advanced Technology (DAIT), Pune on 17th February 2017.



- ❖ A Convocation 2016 was organized for pass out students on 8th March 2017



- ❖ MESA participated in Nakashtra 2017 on 26th February 2017 and won the first prize for Decoration



- ❖ A seminar was organized on Opportunity of Mechanical Engineering in Oil Sector by University of Petroleum and Energy Studies (UPES) held on 22nd March 2017.



- ❖ A guest lecturer was organized on Project Guidance and different opportunity in Mechanical Sector by Matrix Academy, Kharghar on 29th March 2017.



- ❖ National level project competition “AVISHKAR 2017” was held on 9th April 2017



Memorandum of Understanding (MOU)

- ❖ MOU was signed between SCOE Mechanical Engineering Department and Matrix CAD Academy for achieving Skilled India Dream on 14th February 2017.



Short Term Training Program (STTP)

- ❖ Short Term Training Program on “Hands on ANSYS Software to analyze application in Mechanical Engineering” was held on 26th June 2017



FACULTY ACHIEVEMENT

- ❖ Sanctioned Minor Research Grant of University of Mumbai to Prof. Madhukar Sorte and Prof. Sachin Solankhe on 14th January 2017.
- ❖ Sanctioned Research schemes of Indian National Academy of Engineering to Prof. Sachin Solanke in the month of April 2017.

NEW JOINING

- ❖ Prof.SrijeethShrinivasan
- ❖ Prof.Pramod Deshmukh
- ❖ Prof.Pornima Godbole

OUTGOING BATCH



First shift



Second shift