

Department Newsletter

Mechanical Engineering Department *SIES Graduate School of Technology, Nerul*

Newsletter 26th January 2019

Volume III, Issue 1

Vision of the Department

To be a Centre of Excellence in the field of Mechanical Engineering instrumental in Innovation, Entrepreneurship and Serving the needs of Society.

Mission of the Department

- To create an environment that inspires students and staff to develop competency in Mechanical Engineering field.
- To create the infrastructure necessary for overall development of students to work on current technologies in the Industry.
- To provide entrepreneurial culture to tackle the problems of Society.

PEO

- Build a successful career in National or Multinational Organisations or as an Entrepreneur.
- Pursue higher education for professional development
- Exhibit ethics, values and good leadership qualities for organisational development.

PSO

- An ability to identify, formulate, solve, analyse and draw appropriate conclusions to mechanical engineering problems in the field of design and manufacturing.
- An ability to use the techniques, skills and modern engineering tools such as CAD-CAM, analysis and automation tools necessary for engineering practice.

FACULTY PROFILE

Sr No	Name	Qualification	Designation	Area of Interest
1	Dr. Rupendra Nehete	Ph.D.(Production Engineering)	Professor	Manufacturing Renewable Energy Casting
2	Dr. Pradip Patil	Ph.D.(Production Engineering)	Associate Professor	Manufacturing systems and performance analysis Static and dynamics analysis of machinery
3	Prashant Ambadekar	M.E. (Production Technology and Management), PhD(pursuing)	Assistant Professor	Manufacturing, Industrial Engineering, Image Processing and Machine Learning
4	Ganesh Kadam	M.Tech.(Manufacturing)	Assistant Professor	Manufacturing, Material Technology, Energy Engineering, Heat-Power Engineering, Production Management
5	Siddique Ahmed	M.E (CAD CAM)	Asst Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , Fluid Mechanics
6	Ali Ansari	M.Tech.(Mechanical)	Asst Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , FEA
7	Onkar Potadar	M.Tech.(Manufacturing)	Asst Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , Fluid Mechanics
8	Ajay Hundiwale	M.Tech (Thermal Engineering)	Assistant Professor	Heat Transfer, Refrigeration and Air Conditioning, Fluid Mechanics
9	Dr. Kaustubh Chavan	M.Tech. (Heat Power Engg.), Ph.D.(Mechanical Engg.)	Assistant Professor	Renewable Energy, Solar Thermal, Computational Fluid Dynamics (CFD)
10	Prajakta Kane	M.Tech (Thermal Engineering)	Assistant Professor	Passive cooling Techniques, ,Internal Combustion Engine,Automotive Engineering, Heat Transfer, Engineering Drawing

11	Lokpriya Gaikwad	Ph.D*(Mech.) M.E.(Manufacturing Systems Engineering)	Assist. Professor	Manufacturing strategy, Quality Management, Production & Operation management
12	Chandan Chuadhari	ME (CAD/CADM & ROBOTICS)	Assistant Professor	Mechanical System Design, Computer Aided Engineering,
13	Sagar Kadu	ME (Heat Power)	Assistant Professor	Refrigeration and Air Conditioning, Fluid Mechanics, Heat Transfer
14	Snehal Dhondkar	ME (Design)	Assistant Professor	Engineering Mechanics, Strength of Material ,
15	Swapnil Firke	ME (Mechanical Production)	Assistant Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , Fluid Mechanics
16	Rutuja Tande	ME (Heat Power)	Assistant Professor	Heat Transfer, Fluid Mechanics
17	Vijaya Chame	ME (Mechanical)	Assistant Professor	Strength of Material , Engineering Drawing , Fluid Mechanics

NON TEACHING STAFF

Sr.No	Name
1	Mr.Pravin Virkar
2	Mr. Vinayak Chikane
3	Mr. Yogesh Panchal
4	Mr. Arvind Patil
5	Mr. Amol Patil
6	Mr. Arun Annamalai
7	Mr. Ankush Gade

OUR CURRENT CLASS STRENGTH

Year	Total No of students	Boys	Girls
SE	73	68	05
TE	76	70	06
BE	84	78	06

DEPARTMENT INFRASTRUCTURE



RAC LAB



CNC LAB



HYDRAULIC LAB



MATERIAL TECHNOLOGY LAB



MACHINE SHOP



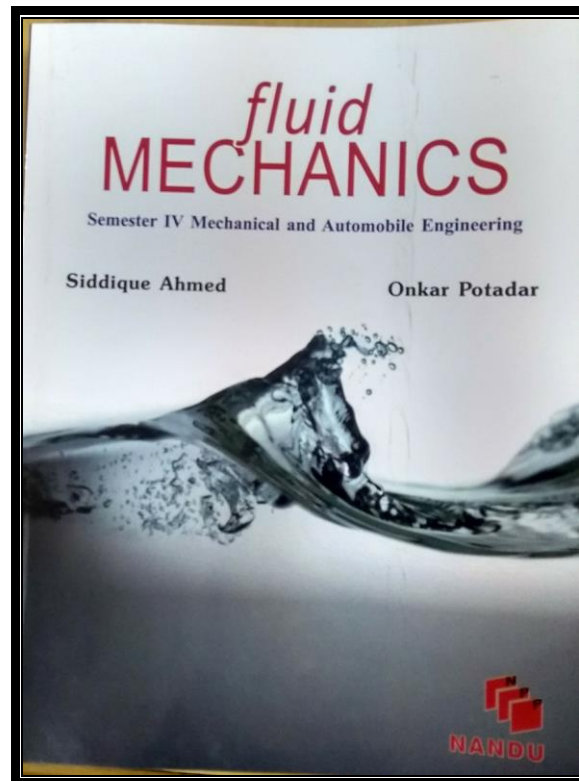
WORKSHOP

DEPARTMENT ACTIVITIES

- Industry Visit to Samiri Equipments & Engineers Pvt. Ltd., Plot no A-41, Road no. 12, Waghle Industrial Estate, Thane. | Hindustan Forging and Steel Industries Plot no F-6/1 & 2, Road no. 22 & 34, Waghle Industrial Estate, Thane. | Manibhadra Machine tools Pvt. Ltd., Plot no B-48/2, Road no. 30A, Waghle Industrial Estate, Thane. | Metalemms Bombay Pvt. Ltd., Plot No. A-184/185, 16Z Road, Wagle Industrial Estate, Thane – 400 604 by Faculties (Prashant Ambadekar, Ganesh Kadam, Sagar Kadu) was organised on 30/10/2018 for getting permission for industry visit, internship, projects for students and MOU
- Industry Visit to Fortune Cars Pvt Ltd., Nerul, Navi Mumbai by Faculty (Mrs. Prajakta Kane) was organised on 6/10/2018 for getting permission for industry visit, internship, projects for students and MOU
- Industry Visit to Reshma Organic Chemical, Turbhe, Navi Mumbai and Sunbel Alloys Co, of India Ltd, Turbhe, Navi Mumbai. by Faculties (Sagar Kadu, Lokpriya Gaikwad, Ajay Hundiwale) was organised on 6/10/2018 for getting permission for industry visit, internship, projects for students and MOU
- Unveiling of team TurboCrafter car at GST quadrangle by Principal sir.



- A book on Fluid Mechanics by our Prof. Siddique Ahmed and Prof. Onkar Potdar



CLASS TOPPER**SE-SECOND HALF 2018 (Semester III)**

Rank	Name of student	Roll no.	Seat no.	CGPI
1st	Sale Yash	117A6047	38263045	9.73
2nd	Thorat Shantanu	218A6079	38263075	9.69
3rd	Aggarwal Divyam	117A6001	38263003	9.54

TE- SECOND HALF 2018 (Semester V)

Rank	Name of student	Roll no.	Seat no.	CGPI
1st	Shetty Vishitraj	116A6054	38265052	9.7
2nd	Thevar Varun	116A6058	38265055	9.41
3rd	Jalabisht Neeraj	116A6019	38265019	8.81

BE- SECOND HALF 2018 (Semester VII)

Rank	Name of student	Roll no.	Seat no.	CGPI
1st	Deepak Venna	115A6061	14172926	9.91
2nd	Srushti Shinde	216A6078	14172920	9.04
3rd	Ajith Ramakrishnan	115A6003	14172886	8.7

DEPARTMENTAL ACHIEVEMENTS

- Prof. Lokpriya Gaikwad and 2 papers in International Conferences (Techno-Societal 2018 – SVERI's COE, Pandharpur, 14-15 Dec, 2018
- Prof. Ganesh Kadam, Prof. Swapnil Firake; RTIP2R 2018 – Solapur University, Solapur, 21-22 Dec, 2018
- Two papers of Prof. Prashant Ambadekar have been selected and will be published in Springer proceedings
- Dr.R.S. Nehete has published paper in the international journal of benchmarking published by Emerald on 29-11-2018 having scopus indexing

STUDENTS ACHIEVEMENTS

- **Industry Visit (IV) for Students** - An industry visit was conducted for T.E.(Mechanical) students from 26th December to 1st January 2019. Three faculties (Prof. Ajay Hundiwale, Prof. Lokpriya Gaikwad, Prof. Sagar Kadu) from department accompanied for the same. Industry visited was at Kansara Bearing, Jodhpur, Rajasthan. The purpose of the visit was to know the manufacturing process of roller bearing. This visit has achieved the objective of IV fully.
- **Student Internship** – Many S.E. and T.E. students went for industrial internship in the month of December after the end of exams.
- **Participation in Student Project Competition** – Two project groups from mechanical department participated in avishkar project competition on 23rd December, 2018 at RAIT, Nerul. The title of the projects are 'Development of AI machine for crop yield improvement' and 'Application of VR technique for assembly of distributor valve of railway breaking system'.

All Time Favorite Crisps

Dear lays,

You are mine and many other people's 'go to snack'. When it's 4pm, and I'm bored out of my mind, with nothing to do. Netflix and a packet of lays, makes it all cozy. It doesn't matter if its me alone, or a group of friends, having a Sleepover, coke and lots of packets of you, make us happy.

People will literally pull each other's hair off, in deciding which one of you is the best. The yellow being classic, the green bringing cheese flavours home, the blue having an Indian feel to it. I have tried and loved many. as a kid i loved the blue one. and then i grew up to find the green one. But then, my friend introduced me to you, and I fell in love with the orange, and I think I found my eternal love. Is it funny no one refers to you as your flavour name, but just the colour, or is it just an indian thing?

You are so special, that you can make 'tinde ki sabzi' bearable. Any dish, with you on the side adds zingers to it. Lays with Maggie is what I enjoy the most. You will always have a special place in my heart, stay the same

Yours crunchingly,

Lays fan.

-Saili S.

Editorial Board:

- ✚ Dr. Rupendra Nehete [HoD, Mechanical Dept]
- ✚ Dr. Pradip Patil [Associate Professor, Mechanical Dept]
- ✚ Prof. Chandan D. Chaudhari [Assistant Professor, Mechanical Dept]
- ✚ Prof. Siddique Ahmed [Assistant Professor, Mechanical Dept]
- ✚ Mr. Hariprasad Ramanathan , Mr. Kamble Amit Ashok , Mr. Karthick Sridhar [Student Members, Mechanical Dept]

Editors Message

We heartily welcome to the first issue of volume III of our **Department Newsletter January 2019**. We are indeed very happy and proud in bringing this newsletter about the latest developments and programs in the department. Newsletter acts as a communication channel among the alumni, faculty, students and experts in Mechanical Engineering.