

# *Department Newsletter*

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

Newsletter 15<sup>th</sup> August 2019

Volume III, Issue 2

### *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.

### *PROGRAM EDUCATIONAL OBJECTIVES*

- 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.

### *PROGRAM SPECIFIC OUTCOME*

- 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.

## INSIDE THIS ISSUE

### 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 Production Management
5	Siddique Ahmed	M.E ( CAD CAM )	Assistant Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , Fluid Mechanics
6	Ali Ansari	M.Tech. (Mechanical)	Assistant Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , FEA
7	Onkar Potadar	M.Tech. (Manufacturing)	Assistant Professor	Engineering Mechanics, Strength of Material , Engineering Drawing , Fluid Mechanics
8	Ajay Hundiwale	M. Tech (Thermal Engineering), PhD (pursuing)	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	M.E.(Manufacturing Systems Engineering), PhD (pursuing)	Assistant Professor	Manufacturing strategy, Quality Management, Production & Operation management

12	Chandan Chaudhari	ME (CAD/CADM & ROBOTICS)	Assistant Professor	Mechanical System Design, Computer Aided Engineering,
----	-------------------	--------------------------	---------------------	---

#### 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
8	Mr. Suraj Mane

#### OUR CURRENT CLASS STRENGTH

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

## DEPARTMENT ACTIVITIES

- Conducted industry visit for TE students from 26<sup>th</sup> December 2018 to 01<sup>st</sup> January 2019 at Kansara Bearings, Rajashthan.
- Organised and conducted ISTE approved STTP on Application of Computer Aided Engineering Tools in Mechanical Technology from 01st January to 05th January 2019 for faculties and industry people.
- Conducted SDP on ANSYS for SE, TE and Students by industry expert Mr. Amit Gunjali from Milestone on 30Jan 2019.
- Conducted industry visit under ISHRAE for SE, TE and BE students on 14th February 2019 at Auro Engineering, Andheri.
- Faculties interacted with parents in Parents-Teachers meet and delivered seminars on activities of department and institute on 16th February 2019.
- Conducted industry visit under ISHRAE for SE, TE and BE students on 22nd February 2019 at Mitsubishi Electric India Pvt Ltd., Andheri.
- Conducted field visit for BE students to show solar thermal system on 30th January and 01st February 2019 at SIES old age home, Nerul.
- Prof. Chandan Chaudhari delivered expert lectures in ISTE approved STTP on Application of Computer Aided Engineering Tools in Mechanical Technology from 01st January to 05th January 2019.
- Prof. Ajay Hundiwale is visiting faculty for the subject Unit Operations and Processes of M.Sc. course at SIES IIEM.
- Conducted SDP on Energy Conservation, Management, Energy Audit for BE students by Dr. Santosh Dalavi from PCRA on 05th March, 2019.
- Conducted SDP on Soft Skills for SE students by Prof. Seema Khan from H&AS Dept. on 18th March, 2019.
- Conducted field visit for BE students to show biogas plant on 18th March 2019 at RAIT, Nerul.
- Conducted SDP on Whats Next? Life after B.E. for BE students by Mr. Ainain Shahidi from SIES SOP on 26th March, 2019.

**CLASS TOPPER****SE-FIRST HALF 2019 ( Semester IV)**

<b>Rank</b>	<b>Name of student</b>	<b>Roll no.</b>	<b>Seat no.</b>	<b>CGPI</b>
1st	Sale Yash	117A6047	39164045	9.62
2nd	Thorat Shantanu	218A6079	39164075	9.54
3rd	Aggarwal Divyam	117A6001	39164003	9.35

**TE-FIRST HALF 2019 ( Semester VI)**

<b>Rank</b>	<b>Name of student</b>	<b>Roll no.</b>	<b>Seat no.</b>	<b>CGPI</b>
1st	Shetty Vishitraj.	116A6054	39166054	9.48
2nd	Mandal Amar Agnihotri Atul	116A6024 116A6002	39166026 39166004	9.36
3rd	Lavale Shubham	217A6070	39166070	9.32

**BE-FIRST HALF 2019 ( Semester VIII)**

<b>Rank</b>	<b>Name of student</b>	<b>Roll no.</b>	<b>Seat no.</b>	<b>CGPI</b>
1st	Kokitkar Prasad	115A6034	14183794	9.06
2nd	Jangam Tushar	216A6073	14183792	9.03
3rd	Thakur Kautuk	115A6058	14183819	9

## DEPARTMENTAL ACHIEVEMENTS

- Dr.Rupendra Nehete attended seminar on Oil and Natural Gas – An Awareness Program by Mr. Vasant Mestry under IIIE, Belapur on 19<sup>th</sup> February, 2019
- Dr.Rupendra Nehete chaired as a judge for Avalon 2019 National Level Project Competition at Terna Engineering College, Nerul on 06<sup>th</sup> March 2019.
- Prof.Lokpriya Gaikwad, Prof. Siddique Ahmed and Prof. Onkar Potadar participated in one day workshop on Moodle Learning Management System conducted by IIT Bombay on 15<sup>th</sup> March 2019.
- Lab attendant Pravin Virkar participated in one day workshop on Moodle Learning Management System conducted by IIT Bombay on 15<sup>th</sup> March 2019.
- Prof. Lokpriya Gaikwad published paper in International Journal - South Asian Journal of Marketing and Management Research in March 2019.
- Prof. Onkar Potadar participated in 48th ISTE National Annual Faculty Convention at VTU Belagavi on 19-20 March 2019.
- Prof.M. Ali Ansari participated in 3 days FDP for Student Induction Program for AICTE approved institutions at A.P. Shah Institute of Technology, Thane from 6-8 June 2019.
- Prof.M. Ali Ansari participated in 7 days FDP for Student Induction Program for AICTE approved institutions at A.P. Shah Institute of Technology, Thane from 18-24 June 2019.
- Prof. Lokpriya Gaikwad published paper in International Journal Institution of Engineers Series-C (Springer) in Feb 2019.
- Dr.Rupendra Nehete is selected as a reviewer for Opsearch – A journal of Springer publication in the month of February 2019.
- Dr.Pradip Patil presented paper in international conference IEMECON 2019 at Jaipur during 13 March to 15 March 2019.

## STUDENTS ACHIEVEMENTS

- Final year student Ken Claude presented technical paper in Avalon 2019 National Level Project Competition at Terna Engineering College, Nerul on 5 March and 6 March 2019.
- SAE student team Turbocrafters participated in all-terrain vehicle competition BAJA 2019 at IIT Ropar Punjab during 7 March to 10 March and secured 2nd rank in sales and design, 13th rank in dynamic event, and overall 14th rank at national level.



Saili Sonawane, SE- Mech

### **Game Changers**

Don't turn a blind eye,  
To what's happening to the sky,  
Doesn't matter one or two,  
How to explain to these fools?  
Few years is all we have,  
A new earth we don't.  
The nature fears,  
The trees die,  
There's a lot more we can do,  
Than say "oh my".

They shrug their shoulders,  
And feel bad for us,  
But we should be the ones,  
Making a fuss.  
Make a fuss, say something,  
Raise your voice,  
However old you may seem,  
Turtles are choking, and tigers endangered,  
Glaciers are melting,  
Lets become the game changers.

-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. Vishnu P , Mr. Thakur Kautuk, Mr. Rishabh Naidu [Student Members, Mechanical Dept]

### ***Editors Message***

We heartily welcome to the second issue of volume IV of our **Department Newsletter August 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.