

# *Department Newsletter*

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

Newsletter 15<sup>th</sup> August, 2018

Volume II, 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.

### *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
8	Mr. Suraj Mane

## OUR CURRENT CLASS STRENGTH

<b>Year</b>	<b>Total No of students</b>	<b>Boys</b>	<b>Girls</b>
<b>SE</b>	76	70	06
<b>TE</b>	83	76	07
<b>BE</b>	66	62	04

## DEPARTMENT ACTIVITIES

- A Seminar on “Guidelines to Identify Project Topics” was organised under the Student Development Program for Third year students of Mechanical Engineering on April 13, 2018. The seminar was delivered by Dr. R. S. Nehete, Dr. Pradip Patil and Dr. Kaustub Chauhan in room no.201.



- A SDP was organized for the SIESGST students on 20/01/2018 ,3/02/2018, 17/02/2018. The Workshop was conducted by Prof. Chandan Chaudhari, Prof. Mohd Ali Ansari & Dr. Kaustubh Chavan and Prof. Ajay Hundiwale on the topic “Finite element simulation using ANSYS workbench” in IT Lab 107.
- SDP on WARTSILA LECTURE SERIES was conducted on 30 January 2018 at SIES GST Auditorium.



- A student development programme was organized for Second Year, Third Year and Final Year Mechanical engineering students on 28/02/2018. The lecture was delivered by Mr. Shelley Prince Asirvatham A. (Deputy General Manger) on the topic “Two stroke marine engines basic insights and concepts” in Auditorium between 3.30 to 5.30 PM.



- A student development programme was organized for Second Year, Third Year and Final Year Mechanical engineering students on 23/03/2018. The lecture was delivered by Mr. Mandar Birje (Senior Expert Technical Serves) on the topic “Electrical and Engine Automation” in Auditorium between 3.30 to 5.30 PM.





Amey Vedpathak and [Uday Akasapu](#) in Mechanical Department of SIESGST



## DEPARTMENTAL ACHIEVEMENTS

- Dr. Rupendra Nehete and Dr. Kaustubh Chavan submitted technical paper to international journal IJMPERD (scopus indexed) from Trans Stellar Publications.
- Dr. Pradip Patil submitted to the International conference on Intelligent Manufacturing and Automation, and accepted a paper on 'Prediction of Optimum Sheet Metal Blanking Clearance for IS513CR Steel Using Artificial Neural Network (ANN)', Proceedings published by Springer (scopus indexed).

## STUDENTS ACHIEVEMENTS

- Second Year student Gaurang Dandwate received second prize in university level quiz competition (NSS) on 'Life and works of Mahatma Gandhi' at Mulund College of Commerce on 25 September, 2019.
- Two project groups participated at the National Level Technical Paper Presentation Competition NLTPP-2019 at BVCOE, Kharghar on 20 September, 2019.

Sr. No.	Class	Name	Rank
1	BE	Chettiar Sairam, Siri Iyer, Chaudhari Raj, Chillara Sowmya	First
2	BE	Ghatage Avdhut, Jalalbisht Neeraj, Phapale Aishwarya, Shivathare Sahil	Second





Geetesh Sarang, SE-Mech

### **Kaha Ho Tum**

Iss dil ne pehli baar kisiko apnaya tha,  
pehli baar koi itne kareeb aya tha,  
kisine iss dil ko pehli baar,  
apne pyaar se bhar diya tha.

Ek khwaab bankar aayi thi tum,  
meri zindagi badalne ke liye,  
pehli mulaqat pe hi tumne,  
muje apna bana liya tha.

Tumse ki hui baatein,  
hamari kuch pal ki mulaqatein,  
Tumhare saath beetaye har lamhe,  
ab ek yaad me tabdeel ho gaye hai,

Vakt toh ab yuhi beet jata hai,  
tumhare us pyaar ki tarah,  
jo zindagi bhar ke liye,  
meri aankhon ke saamne se chala gaya.

Rehti to tum ho mere dil mein,  
hum toh tumhare yaad mein khoye se hai,  
na jaane kab tum muje firse apnaogi,  
bas uss din ki talaash me hum jee rahe hai.

Kya hua tha us din tumhe,  
jab tum muje bich sadak chodke chali gayi,  
na toh mujse kuch Kaha tumne,  
na hi mujse door jaane ki baat.

Kuch to sochti tum mere baare mein,  
muje jaankr bhi anjaan banaye gayi tum,  
mein ab bhi us hi jagah tumhara intezaar kar raha  
hu,  
par iss anjaan si duniya me 'Kaha ho tum'.

- Geetesh 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 second issue of volume III of our **Department Newsletter August 2018**. 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.