



PIMPRI CHINCHWAD EDUCATION TRUST'S  
PIMPRI CHINCHWAD COLLEGE  
OF ENGINEERING & RESEARCH



**MAGAZINE**

***Mechanical Department***

**AY: 2019-20 TERM-I**

## ***VISION OF DEPARTMENT:***

To be a Premier Department of Mechanical Engineering and research to serve the needs of the society and all the stakeholders.

## ***MISSION OF DEPARTMENT:***

- To provide state of art facilities to impart quality education.
- To undertake various value added and add on courses to make students technically sound and thorough professionals.
- To collaborate with the industries and academia and strive to transform the research and innovative aptitude in the students and faculties.
- To inculcate high moral, ethical values and national pride in students and faculties.

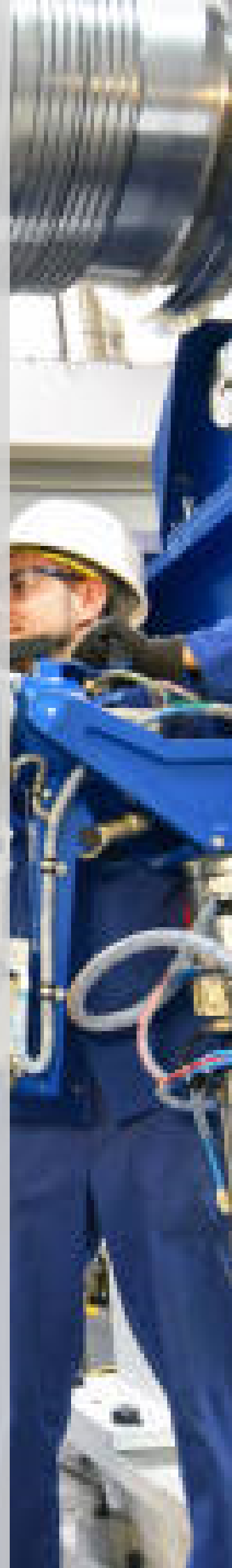


## ***Program Educational Objectives (PEOs) of Department:***

- To develop the students sound in academic fundamentals to understand, analyze and solve problems related to Mechanical Engineering.
- To build up student's ability to enhance their competence in research and innovation to design product and process.
- To enhance employability of students to meet the employers requirements at large and prepare them towards quality higher education.
- To create awareness amid the students about professional ethics, managerial skills, social commitment and lifelong learning.

## ***Program Specific Outcomes (PSOs) of Department:***

- Develop the knowledge and skills relevant to the field of Robotics and Automation by undergoing hands-on training.
- Execute new ideas on product design and development with the help of modern Computer aided tools and other modern and emerging technology in the field of Mechanical Engineering.





## ***Message from HOD's Desk***

It gives me great pleasure to give my best wishes to Magazine, a newsletter from Department of Mechanical Engineering of Pimpri Chinchwad College of Engineering and Research, Ravet, Pune.



**Dr. Sham H. Mankar**

The Department of Mechanical Engineering has modern and well equipped laboratories forhands on practical training to students. All the faculty members are duly qualified and experienced. We are committed to the pursuit of excellence. It is our goal to address the varying needs of our young students academically, socially, emotionally and by doing so, provide the highest quality educational experience to all.

As PCCOE&R believes in student centric four-pillar philosophy which includes academic excellence, research and innovations, training and placement, ethics and values. The students and faculties of department are always proactive in taking initiatives in technical, cultural and social events. We provide opportunities for students to participate in various technical and sports events /competitions.

This newsletter is an attempt to highlight the achievements of the department. I wish good luck to the entire team of editors. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best.

### ***Magazine Co-ordinators:***



Co-ordinator  
Mrs. Tejal  
Patil



Editor  
Mr. Akshay  
Raskar



Editor  
Mr. Aniket  
Patil



# Training & Placement:

- 5 students places in TCS with package of 3.2L



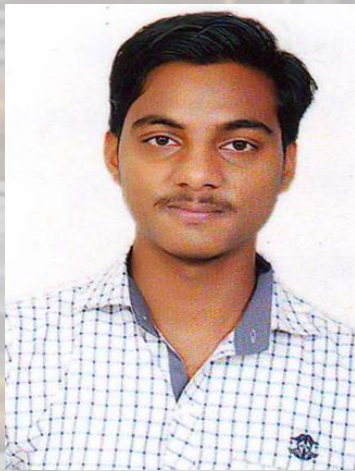
**Prasad Jamdar**



**Prashant  
sootharam**



**Pravin Pradhan**



**Abhishek  
Balagaon**



**Shasvita Muley**



# Industrial Visits:

1) Industrial Visit was organised for SE Student in Shree Niwas Industries, Tathawade

**Subject:** Manufacturing Process-I Workshop

**Date:** 4th Oct, 2019



2) Industrial Visit was organised for BE Student in V.R Coating

**Subject:** Hydraulics and Pneumatics

**Date:** 27th Sept, 2019





# Industrial Visits:

3) Industrial Visit was organised for SE Student in Sant Tukaram Sugar Factory

**Subject:** Thermodynamics

**Date:** 27th Sept, 2019



4) Industrial Visit was organised for TE Student in Pawana Power Plant

**Subject:** Turbomachines

**Date:** 17th Sept, 2019





# Industrial Visits:

5) Industrial Visit was organised for BE Student in Don-Bosco, Chinchwad

**Subject:** Automobile Engineering

**Date:** 13th sept, 2019



6) Industrial Visit for TE Mechanical in Water treatment centre, Ravet

**Date:** 30th Aug, 2019





# *Industrial Visits:*

7) Industrial Visit for MQC  
(TE Mechanical) in Accurate  
Gauges, Hadapsar

**Date:** 16th- 17th Aug, 2019





# Guest Lectures:

1) Guest Lecture was organised for SE Students

**Subject:** Material Science

**Speaker:** Dr. N. K. Nath  
from RSCOE, Tathawde

**Date:** 30th Sept, 2019



2) Guest Lecture was organised for TE Students

**Subject:** Metrology and  
Quality control

**Speaker:** Prof. Pravin Ingle  
(DYPCOE Pimpri )

**Date:** 30th Sept, 2019





# Guest Lectures:

3) Guest Lecture delivered to FE students on IC Engine

**Speaker:** Prof. Rahul Bawane

**Date:** 3rd Sept, 2019



4) Guest lecture on Automobiles on topic "Advance in Braking system"

**Speaker:** Dr. Mohan Khond, COEP, Pune

**Date:** 10th Aug, 2019





# Seminars:

1) VPCI Session was conducted for SE and TE Mechanical students

**Speaker:** Prof. Aniket Deshmukh, Prof. Jayesh Bute, Mr. Vishwas Patil, Mr. Ashish Patil

**Date:** 19th and 24th Sept, 2019





# Seminars:

2) Seminar by an International organization  
Mind Education was conducted for SE  
mechanical

**Date:** 17th Sept, 2019



# Electric Vehicle Workshop:



Seven Days workshop was conducted on Design of Electric Vehicle with collaboration of E&TC Department

Industry persons (DIYguru, Dheli):

- Mr. Karthik Raju
- Mr. Avinash Singh
- Mr. Venkat Katta

**Date:** From 15th -22nd , July, 2019



# MESA Activities:

1) RAC hands-on Workshop was conducted under MESA by Prof. Swapnil Bandgar  
**Participant:** 20 students



2) Wall Magazine Inaugurated by Principal Sir  
**Date:** 22nd, July, 2019





# Publications:

1) 38 papers were published in **UGCON-2019**



2) Prof. Rahul Bawane  
Published Book of subject  
"Heat transfer" in  
month of July.



3) Book Published by  
Prof. N. S. Vele and  
Prof. Achyut Khare on  
"Engineering Metallurgy"





# TIFFAN Competition:

TIFFAN Achievement: Team SONIC DIGGERS cleared the Virtual Round held on **21st Sept, 2019** at VIT, Pune



# SE Induction:

SE Induction was conducted on **4th July, 2019**





# SE Freshers Welcome

Fresher's Welcome was organised by TE Mech students under MESA for SE Mech Students

**Date:** 23th Sept,2019





# Parents Teacher Meet:

Parents teachers meeting was conducted with presence of 120 Parents  
**Date:** 29th Aug, 2019



Games were arranged for parents to recall childhood memories  
**Date:** 29th Aug, 2019





# *Project Exhibition:*

PBL and Project Exhibition was held on **17th June, 2019**





# Sketches by Students



Dheeraj Sondankar  
TE B



Sakshi Palhade



Abhishek SE A



Akshay Raskar  
SE B



# Poems by Students:

## \*मैत्री\*

मैत्री हा दोन अक्षरी शब्द जरी असला तरी  
अवघं प्रगल्भ जग समावते त्यात.

मैत्रीला कोणाची गरज भासत नाही,  
ती तर एक गोड अनुभवाची साखळी आहे...  
दोन जीवांना जोडणारी  
दोन जीवांना एकत्र आणणारी....!

मैत्रीचा अर्थ मी ही जाणत नाही  
आणि तुम्ही ते जाणत नसाल...  
स्वर्थसिध्दापोटी केलेली मैत्री  
मैत्री नव्हे एक DEAL  
मैत्री, तर नकळत बांधली जाणारी गाठ आहे  
मोड प्रवासाची.....!



- SHRIKANT RAJPUT  
(SE A)

## !! आठवण !!

व्याकुळला जीव माझा आई तुझ्या गं भेटीला .....

आठावणीने तुझ्या आज कंठ दाटूनी आला .....

ओढीने घरच्या आता जीव बैचेन झाला .....

मन रडू लागले , कुशीत घे गं लेकीला .....

पुरे झाले राबणे , किती कष्ट अजून घेशील.....

लेकीच्या जगात आता विसाव्यात राहशील.....

असं वाटतं सगळं सोडून घरी परतावे .....

पण तुझ्या स्वप्नां पुढे मी कीहीही सहन करावे

-TEJASWI  
MOHITE  
TEB (MECH)