



# PMC TECH

Er. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE,

DEPARTMENT OF MECHANICAL ENGINEERING

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DEC 2019 – MAY 2020

## NEWS LETTER

Volume: 04

### AT A GLIMPSE

Technical  
Training

Industrial Visit

Guest Lecture

VLCI

Symposium

Placement

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Student
- 5.D.K.Naveen-Student



I have great pleasure and pride to announce that the Department of Mechanical Engineering, Er. Perumal Manimekalai polytechnic college Hosur is Publish letter. This newsletter will help to share the news, events, Achievements of the department. An institution that aims at the complete development of the student and our staff are a handpicked and trained to ensure that the students are given every possible support in all their Endeavour's .Our students are encouraged to widen their knowledge base and study beyond the confines of the syllabus.



My heartiest Congratulations to the department of Mechanical Engineering, in bringing out a newsletter portraying the academic and non academic activities of their department. It is continuously Strive to impart Quality Education along with high ethical and Moral values which enable us, not only to mould our students as successful Diploma Engineers but also as disciplined citizens of our Nation."A Dream does not become reality through magic. It takes sweat, determination and hard work".



To provide high quality education and other services the competencies of the teaching staff have to be developed continuously. This will enable them to meet the ever changing technical advancements. We encourage our staff to undergo prioritized need based development programs and to acquires higher qualifications. To expose our students to the practical environment and industrial work culture we provide hands on experience through in plant training ,industrial visit, guest lecturers by calling experts from industries. We are proud of our alumini, many of whom are holding leading positions at major national companies and corporations.

**Er.Perumal Manimekalai Polytechnic College, Hosur**  
**Department of MECH**  
**Department Newsletter December 2019 to May 2020**  
**Volume: 4 issue: 4**

**Vision of the Institution:**

- PMC Tech Polytechnic College shall emerge as a premier Institute for valued added technical education coupled with Innovation, Incubation, Ethics and Professional values

**Mission of the Institution:**

- To foster the professional competence through excellence in teaching and learning.
- To nurture overall development of students by providing Quality Education & Training.
- To provide innovative environment to learn, innovate and create new ideas for the betterment of oneself and society.

**Vision of the Department**

- Achieve excellence in Mechanical Engineering by imparting technical and professional skills along with ethical values.

**Mission of the Department**

**M1:** Educate, prepare and mentor the students for successful careers in their domain of interest.

**M2:** Provide infrastructure and conducive environment to get good knowledge and professional skills.

**M3:** Motivate the students to follow ethical values and to develop innovative technologies to cater societal needs.

**Program Educational Objectives (PEOs)**

1. Have strong foundation in the mathematical, scientific and mechanical engineering fundamentals, to solve complex engineering problems.
2. Have successful careers in mechanical industry that meets the needs of the society.
3. Have conducive environment to explore innovation and professional skills
4. Become a successful entrepreneur with social responsibilities and ethics to serve the society.

## INDUSTRIAL VISIT

In order to provide real time environmental exposure to our students, they have been taken to Industrial visit. As an impact the students were made aware of the latest trends in the interdisciplinary areas of Mechanical.

| SL | Name of the organization | year     |
|----|--------------------------|----------|
| 1  | HMT International ltd    | JAN 2020 |
| 2  | AMSTEEL INDIA PVT LTD    | JAN 2020 |



**Industrial visit to HMT International Ltd on JAN 2020**



**Industrial visit to AMSTEEL INDIA PVT LTD on JAN 2020**

### GUEST LECTURE

| S.NO | NAME OF THE SPEAKER                       | TOPIC                           | DATE       |
|------|---|---------------------------------|------------|
| 1    | PARASURAMAN B<br>HOD<br>SALEM POLYTECHNIC | ADVANCED TESTING<br>INSTRUMENTS | 15/02/2020 |



### TECHNICAL TRAINING

| S.NO | NAME OF THE SPEAKER | TOPIC                                    | DATE     |
|------|---------------------|--|----------|
| 1    | JUSTIN SAM A        | CNC MANUFACTURING-TURNING<br>AND MILLING | DEC 2019 |



## MOTIVATIONAL PROGRAM



Motivational program to students to enhance and induce their ability, self-confidence, self-belief

## VLCI TRAINING PROGRAM

Our PMC Tech conducts VLCI program to enhance the confident level and team work to the students.



## STATE LEVEL TECHNICAL SYMPOSIUM

The Department of MECH organized State level Technical Symposium on 06/02/2020. More than 50 college students were participated from various polytechnic colleges. Among them Best three papers have been selected and awarded with a with a cash prize of Rs. 1500, Rs. 1250 and Rs. 1000 with 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> respectively.



**State level technical symposium CHROME FEST on 06/02/2020**

# AGAPORI-VAZHVIYAL VALIKATTI





# TAMIL PERAVAI



## SOCIAL SERVICE

### YOUTH RED CROSS

*Humanity Impartiality Neutrality Independence Voluntary Service Unity & Universality*



## National Social Service (NSS)



Relaxation programme to NSS students

### **PLACEMENT DETAILS**

| <b>SL</b> | <b>Industry name</b>            | <b>No. of Students Placed</b> |
|-----------|---------------------------------|-------------------------------|
| 1         | Titan PVT LTD                   | 34                            |
| 2         | Tvs Training And Services       | 25                            |
| 3         | Neel Metal Products Ltd         | 22                            |
| 4         | Nilkamal Pvt Ltd,Hosur          | 8                             |
| 5         | Ashok Leyland                   | 6                             |
| 6         | Sanmar Specialities Pvt Ltd     | 5                             |
| 7         | Tata Electronics                | 3                             |
| 8         | Hyundai Motors Pvt Ltd, Chennai | 1                             |
| 9         | Caterpillar Pvt Ltd             | 1                             |

## **FACULTY DEVELOPMENT PROGRAMME**

*To enrich the quality of professional skills and to update knowledge, our faculty members are participated in the Following Workshops.*

| <b>Sl</b> | <b>Faculty Name</b>   | <b>Title</b>                                      | <b>College in Which Participated</b>           | <b>Date</b>              |
|-----------|-----------------------|---|--|--------------------------|
| 1         | G.Balasubiramani      | Innovation To Academics                           | Ramachandra College Of Engineering             | 11/5/2020 To 16/05/2020  |
| 2         | A.Kanakeswaran        | Online Teaching Etiquette And Best Practice       | Santhiram Engineering College                  | 10/05/2020 To 15/05/2020 |
| 3         | D.Muthukumar          | Vehicle Dynamics Using Matlab                     | Sri Venkateswara College Of Engineering        | 25/11/2019 To 29/11/2019 |
| 4         | S.Senthamil           | Nba Accreditation Process For Polytechnic College | Knowledge Institute Of Technology              | 27/05/2020 To 01/06/2020 |
| 5         | M.Maniganda Sakthivel | Computer Aided Manufacturing And Metrology        | NITTTR   | 16/12/2019 To 20/12/2019 |
| 6         | K.Jayanth             | Emerging trends in mechanical engineering         | Bharath institute of technology                | 16/06/2020 to 20/06/2020 |
| 7         | S.MaboopBasha         | Industry 4.0                                      | K.Ramakrishnan college of Technology           | 29/05/2020               |
| 8         | R.Subramaniyam        | NACC Assessment and accreditation                 | GATES Institute of Technology                  | 28/05/2020 to 30/05/2020 |
| 9         | M.Chandrsekar         | Future automotive industry and challenges         | Vel tech high Tech                             | 27/05/2020               |
| 10        | M.sakthivel           | Innovation to Academicians                        | Department of Science and tehcnology,New Delhi | 11/05/2020 to 16/05/2020 |

## **STUDENTS ACHIEVEMENTS**

### **Students Achievements in Apr 2019 Board Examinations**

- ❖ II year MECH Students I.ASIFALI 696/700, R.JAMUNA 696/700, N.RANI 696/700 achieved in Apr 2019 Board Examinations.
- ❖ III year MECH Students NANDHAKUMAR S 682/700, S.CHIRIDURGADEVI 679/700, R.NIROSHA 678/700 achieved in Apr 2019 Board Examinations

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