



**509, Er.PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE**  
NBA Accredited : Chemical | CSE | ECE | EEE | Mech | T&D | E(Robotics) | ISO 9001 : 2015 Certified  
(Approved by AICTE, New Delhi and Government of Tamil Nadu)  
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## **DEPARTMENT OF MECHANICAL- NEWSLETTER**

### **VOLUME 5 - JUNE 2022 TO NOV 2022 - ISSUE 5**

#### **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**

- ✦ Educate, prepare and mentor the students for successful careers in their domain of interest.
- ✦ Provide infrastructure and conducive environment to get good knowledge and professional skills.
- ✦ Motivate the students to follow ethical values and to develop innovative technologies to cater societal needs.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

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

## GUEST LECTURE

S.NO	Guest Name with Designation	Topic	Date
1	Mr.Vivek TB.E., Executive In Neel metal prod limited JBM Group	3D PRINTING” AND Selective Laser Melting (SLM)	05/11/2022



3D PRINTING is helping the industry to streamline and optimize processes and transactions

**an additive manufacturing process that builds 3D metal objects by selectively melting powdered metal with a high-powered laser beam, layer by layer, based on a CAD design**



## INDUSTRIAL VISIT

- ✚ Viewed a number of models based on the TURBINE, CONDENSER, CONVEYOR BELT, CHIMNEY ETC.,; visited the numerous galleries such as Emerging Technologies, WATER LEVEL INDICATOR, FUSIBLE PLUG, ETC.,.
- ✚ Great sight to see the various models of the TURBINE, CONDENSER, CONVEYOR BELT, CHIMNEY PIPES



- ✚ Students of Mechanical Engineering in order to get the practical knowledge about “advanced technology used in manufacture of sophisticated moulds, dies and tools” carried out by AMSTEEL PVT LTD., HOSUR.
- ✚ This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding Education & specializing our technical skills. Got practical knowledge about the advancement in technology of machines.
- ✚ Precise cutting and surface finishing of the jobs. Information on different parts & use of CNC machines with multiple cutting tools. Making of plastic objects using “Injecting technology” of plastic .

## Co-curricular & Extra-Curricular Activities

### NCC, NSS& YRC

- ✚ He loves his country best who strives to make it best. - Robert G. Ingersoll
- ✚ As a moral responsibility to build the nation at its best we inculcate the service attitude to the students through various Social activities under the banner of NCC, NSS & YRC .



## STUDENTS PARTICIPATION IN OTHER COLLEGES



## FIRST AID TRAINING PROGRAMME



## **FIRST AID TRAINING**

Youth Red Cross Branch of Hosur -PMC Tech Polytechnic College and Indian Red Cross Society Kaveripattinam Sub Branch conducted First Aid Training in college campus for sixteen days.

## ROAD SAFETY PROGRAM



## PRE PLACEMENT TRAINING

- ✚ To enrich the quality of professional skills and to update knowledge, our faculty members are participated in the Following Workshops.
- ✚ This programme trained faculties to improve from good to great faculty



**Aim to equip graduating students with the skills and knowledge needed to succeed in the job market, covering areas like aptitude, communication, soft skills, and interview techniques.**

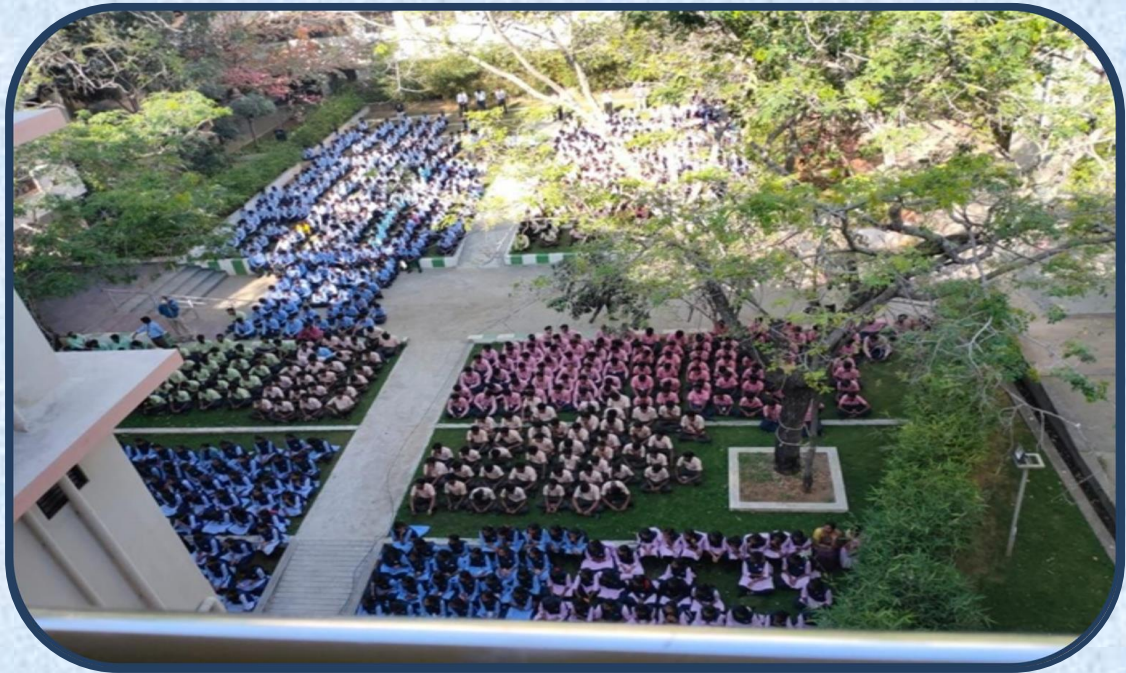
## STUDENT'S SEMINAR

- ✚ To rectify stage fear and improve presentation and communication skills , all students were assigned to take a seminar presentation on topics related to syllabus.
- ✚ Most of our students performed well during the presentation.



## MORNING PRAYER

- ✚ Morning assemblies play a key role in promoting a healthy and positive culture within college. They set the mood for the day or week and offer a platform to communicate a common message to the whole college.
- ✚ However, they can become monotonous. A well-planned morning assembly script breaks the monotony and makes assemblies more interesting and exciting.



## 5'S PRACTICE

- ✚ 5's practice is a good beginning never ending practice.
- ✚ This Japanese method was implemented in our college to improve the safety and organising all physical objects in its place



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