



509, Er. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE
NBA Accredited : Chemical | CSE | ECE | EEE | Mech | T&D | R(Robotics) ISO 9001 : 2015 Certified
(Approved by AICTE, New Delhi and Government of Tamil Nadu)
Koneripalli, Hosur - 635 117.



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DEPARTMENT OF MECHANICAL- NEWSLETTER

VOLUME 6 - DECEMBER 2022 TO MAY 2023 - ISSUE 6

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.

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.

ASHOK LEYLAND INPLANT TRAINING, HOSUR (02/01/2023)





- The students of 3rd year Mechanical as visited Ashok Leyland, Hosur as industrial visit to gain knowledge about latest trend in industries and gone through the industrial disciplinary activities

GUEST LECTURE

S.NO	Guest Name with Designation	Topic	Date
1	M.Muralidhar., M.E	E-Vehicle technology	13/04/2023

- ✚ Electric vehicle (EV) technology involves replacing internal combustion engines with electric motors and batteries



- Guest lecturer conducted a seminar session about mechanical system in various applications. The students understood the practical importance of mechanical systems in our day to day life.
- The session mainly focused on automobiles and air conditioning systems. It encouraged the students to learn more about mechanical systems

TECHNICAL TRAINING

S.NO	TITLE OF THE EVENT	DATE	PARTICIPANTS
1	Swami Vivekananda Training Program	24/12/2022	I,II& III YEAR NCC
2	Yoga And Pranayama In Daily Life	24/01/2023	II & III YEAR MECH
3	Entrepreneurship training Program	16/02/2023	III YEAR MECH
4	Youth Red Cross Training Program	08/03/2023	II YEAR MECH



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 .



PLACEMENT DETAILS

S.NO	INDUSTRY NAME	DATE
1	TVS Pvt Ltd	18/11/2022
2	Sanmar Speciality Chemicals Ltd	14/12/2022
3	Weg Industries	12/01/2023
4	Master Craft Engineering Ltd	18/02/2023
5	Hyundai Motor Company	21/02/2023
6	Rajsriyaaautomative Industries	21/03/2023
7	MSK Venturi Tools	28/03/2023
8	JBM Neel Metal Ltd	19/04/2023
9	TATA Electronics	21/04/2023
10	SKF India Ltd	10/05/2023







✚ Various companies including some top MNC recruited our students with good salary packages. All the students who were willing for placement were placed. Most of our students had offer letters from two or more companies

LIST OF COMPANIES VISITED



ONE DAY ENTREPRENEURSHIP AWARENESS PROGRAM

Sessions starts			
Session & Time	Title	Client Person	Resource Person
1 9.30- 11.00	Introduction to I&E Mindset – Entrepreneurship as a Career	Mr.E. Muthukumar HOD(Admin) Mechanical Engg	Mr T. Rajendran Proprietary Vazantkam Industries Hosur
11.00-11.15 am Tea break			
2 11.15- 1.00	Financial Support – Government & Non- Government Schemes – JVP	Mr. N.Anoad HOD EEE	Mr.K A Sujith Senior Officer TamilNadu Industrial Investment Cooperation Ltd Hosur
01.00-01.45 pm Lunch break			
3 1.45- 3.00	Startup – Company Registration – Statutory Registration – Introduction to IPR	Mr.C.Praakash HOD MECH(ED)	Dr. P.Moheesara Prof & Head Dept of Master of Business Administration PMC Tech Engineering College
3.00-3.15 pm Tea break			
4 3.15- 5.00	Introduction to Business Model & Business Plan – Marketing Strategy	Mr. A.Kaackeshwaran HOD MECH ENGG	Mr. Siva Kumar Field Co ordinator TPEVR OPTC, Vellore



Vote of Thanks

Mr.M.AJANIGANDASAKTHIVEL,
Lecturer/MECH
EDC Asst. Coordinator
PMC Polytechnic College.

SYMPOSIUM-TECHFEST 2K23

- A "technical symposium" is a focused, often small-scale, meeting or conference where experts and professionals discuss and share knowledge on a specific technical topic



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Korampalli, Hosur - 635 117. Ph: 04343-257201, 257246. E-Mail: techfest2k23@gmail.com

Website: pmctechpoly.org




National Level Technical Symposium

TECHFEST 2K23

A Technical Meet

REGISTRATION

Rs.100 /- per Paper

Chemical Engg.
10-02-2023

Steam Distillation - A Green Method.
Emerging Trends in Chemical Engineering.
Chemical Design and Development.

ISRAE

E (Robotics) Engg.
07-02-2023

Nano Technology Robots.
IORT (Internet of Robotic Things).
Industry 4.0.

Electronics & Communication Engg.
08-02-2023

Robotic Process Automation (RPA).
Solar Plant Design Energy.
Electronics Pills.

Computer Engg.
09-02-2023

Quantum Computing.
Human Computer Interaction.
Big Data and Machine Learning.

Electrical & Electronics Engg.
07-02-2023

Wireless Electricity.
Gyro Bus.
Infrared Thermography.

Mech (Tool & Die) Engg.
10-02-2023

Rapid Injection Moulding.
Recent Trends in Manufacturing.
Advanced Welding Technology.

Mechanical Engg.
10-02-2023

Recent Trends in Automobile Industry.
Advanced Agricultural Technology Equipments.
Cryogenics.

Branch Wise Attractive Gifts & Awards

First Prize : Rs. 1500/-
Second Prize : Rs. 1250/-
Third Prize : Rs. 1000/-
Certificates for all Participants

Last date for Submitting the Paper : 01.02.2023
Intimation of the Selection of Paper : 03.02.2023

Convener : Mr.N.BALASUBRAMANIAM
PRINCIPAL

Coordinators : Mr.N.ANAND IQAC Coordinator
Mr.R.RAMACHANDRAN NBA Coordinator

Chemical
P.Sivananjani
88384 06903

Mechanical
K.Jayanth
99409 50533

Mech/Tool & Die
P.Vinothkumar
95004 74636

Computer
M.Manimekalai
94456 40412

E (Robotics)
H.Mohamed Jinn
81900 35924

ECE
C.Veeramani
80981 91068

EEE
A.Rashtkumar
63797 49339

Civil
V.Gayathiri Devi
91594 98101



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DEPARTMENT OF MECHANICAL ENGINEERING

Sponsored by:   

Dear Sir/Madam

We cordially invite you for the National Level Technical Symposium

TECHFEST 2K23

A Technical Meet

on 9th February 2023, Thursday
in Our College Premises

Shri. **P.Kumar**
Chairman, PMC Tech Institutions,
will preside over the function.

INAUGURAL

Shri. **P.P.GOVINDARAJU**
Principal
Government Polytechnic College,
Kalamangalam, Krishnagiri-DI.

VALEDICTORY

Shri. **S.RAVICHANDRAN**
Deputy General Manager - HR,
Ashok Leyland Limited,
Hosur.

have kindly consented to be the Chief Guest and Distributes the Prizes

Smt. **P.Malliar**
Secretary,
PMC Tech Institutions

Prof. **N.Sudhakaran**
Director,
PMC Tech Institutions

Prof. **N.Balasubramaniam**
Principal,
PMC Tech Polytechnic College

have kindly consented to deliver the keynote address

Dr. **A.Kanakeswaran**, HOD-Academic,
Dept. of Mechanical Engg.

Dr. **D.Muthukumar**, HOD-Admin,
Dept. of Mechanical Engg.

JURIES

Dr. **B.Lakshmiopathy**, ME., PhD.,
HOD-In-charge,
Department of Mechanical Engineering,
Government Polytechnic College, Kadelfur,
Dharmapuri-DI.

Dr. **K.Udhayakumar**, ME., PhD.,
Assistant Professor,
Department of Mechanical Engineering,
Er. Perumal Manimekalai College of Engineering,
Hosur.

Programme

INAUGURAL

9.15 a.m. - Prayer
9.20 a.m. - Welcome Address
9.25 a.m. - Felicitation Address
9.30 a.m. - Inaugural Address
10.00 a.m. - Paper Presentation
12.30 p.m. - Lunch Break

VALEDICTORY

2.30 p.m. - Introduction about Institution
2.40 p.m. - Introduction about Chief Guest
2.45 p.m. - Chief Guest Address
3.10 p.m. - Prize Distribution
3.40 p.m. - Vote of Thanks
3.45 p.m. - National Anthem



WINNER DETAILS

1st prize

PAWIN

VARSHINI S

III YEAR/MECH

THIYAGARAJAR POLYTECHNIC COLLEGE, SALEM
MECHANICAL – (HYBRID VEHICLE)

2nd prize

RAGHUL B

AKASH B

III YEAR/MECH

GOVERNMENT POLYTECHNIC COLLEGE, KELAMANGALAM
RECENT TRENDS IN AUTOMOBILE INDUSTRY

3rd prize

DHANASEKAR

DHARMA

III YEAR/MECH

GOVERNMENT POLYTECHNIC COLLEGE, KADATHUR
CRYOGENICS

FACULTY DEVELOPMENT PROGRAMME

- ✦ 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



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.



STUDENTS ACHIEVEMENTS

- ✚ Hard work is the foundation for all achievements and the achievements are the stepping stone for their future.



- ❖ Our students participated in various technical competitions including symposium conducted by various colleges from all over the state and won several prizes including cash prizes

SPORTS DAY

OVERALL CHAMPIONS- MECHANICAL GIRLS



- ✚ Mechanical girls won the overall championship by using their maximum potential and talents. This shows women empowerment followed in our department

LIST OF STUDENTS PARTICIPATED

- ❖ ISWARYA N – III Year MECH
- ❖ MANJULA N – III Year MECH
- ❖ MONISHA B – III Year MECH
- ❖ MONISHA R – III Year MECH
- ❖ SREEJHAA B – III Year MECH
- ❖ THIRISHA C – III Year MECH

ANNUAL DAY CELEBRATION

- ✦ "Annual day celebrations are not just about celebrating a day but celebrating a journey."
- ✦ Our students participated in annual day celebrations and showcased their hidden talent in dance and music



தமிழி தமிழ் இலக்கிய பேரவை

- ✦ " THIMIRI TAMIL ILLAKIYA PERAVAI" was conducted by our college to increase the love towards tamil language. The main ambassador of the program was our honourable Mechanical department DEPUTY HOD Mr.Muthukumar along with other members



EYE CAMP

- ✦ Our eyes never die; we can make it immortal by sharing it with others . Share the legacy of sight.
- ✦ Our college conducted an eye camp for elders and physically challenged persons in nearby villages. Many people were helped by our divine service



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



TAMILNADU DEFENCE CORRIDOR SEMINAR

- ✚ Our college students attended the seminar conducted by confederation of Indian industry. Our students gained knowledge regarding defence corridor. Many important persons including military captains participated in this seminar.



SPORTS DAY



- ✚ A two –day (10/03/2023 & 11/03/2023) sports festival was held at Er. Perumal Manimekalai ITI, Polytechnic, and Engineering College under the guidance of P. Kumar, chairman, PMC Tech.
- ✚ Southern Railway-Tiruchirappalli Division Chief Reservation Supervisor and National Athletics Coach Mr. N. Annavi attended as the Chief Guest and lift the Olympic flame while delivering the keynote speech

CHIEF EDITOR:

Mr. **N Sudhakaran**, Director

Er. **N. Balasubramaniam**, Principal

EDITORS:

Mr. **Kanakeswaran.A**, HOD/MECH

Mr. **Muthukumar.D**, DEPUTY HOD/MECH,

Mr. **Radheesh.S**, Lecturer/MECH,

Mr. **Balasubiramani.G** Lecturer/ MECH,

Mr. **ManigandaSakthivel.M**, Lecturer/ MECH

Mr. **Jayanth.K**, Lecturer/ MECH,

Mr. **Boopathi.N.M**, Lecturer/ MECH,

Mr. **Pavedhiran.S**, Lecturer/MECH,

Mr. **Sakthivel .M**, Lecturer/MECH

Mr. **Velmurugan .G**, Lecturer/MECH

Mr. **Babu.V**, Lecturer/MECH

STUDENTS

Ms. **Thirisha.V** Student/III MECH

Mr. **Gokulnath.V**, Student/III MECH

Mr. **Mohanasundaram V R**, Student/III MECH

Ms. **Monisha.B**, Student/III MECH

Mr. **Arunkumar. K**, Student/II MECH

Ms. **Janani.V**, Student/II MECH

Mr. **Samuel Nesaraj**, Student/II MECH

Mr. **Naveenkumar M**, Student/II MECH

Mr. **Sundar. C**, Student/I MECH

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