

## TECHNICAL SYMPOSIUM

The Department of Electronics (Robotics) Engineering at PMC TECH has been successfully organizing the **National Level Technical Symposium – TECH FEST** annually, fostering innovation and technical excellence among students. Over the past three years, **TECH FEST 2K23, 2K24, and 2K25** have provided a dynamic platform for aspiring engineers to showcase their skills through paper presentations and project exhibitions. We look forward to yet another exciting edition of **TECH FEST 2K26**.

### TECHFEST 2K25



# TECHFEST 2K24



# TECHFEST 2K23



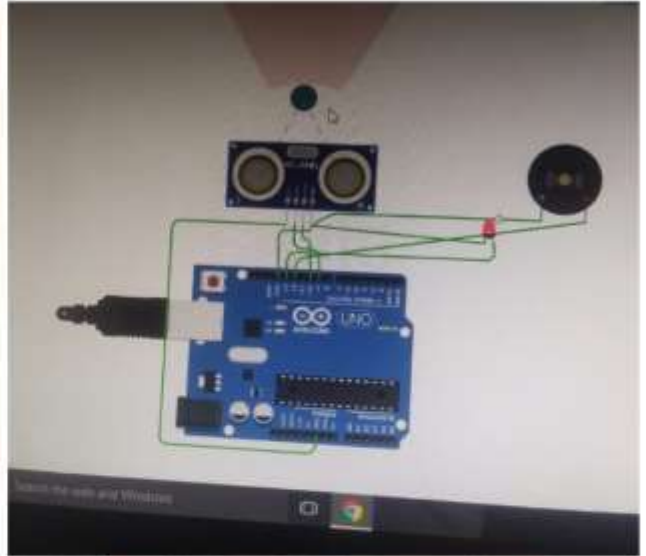
## VALUE ADDED COURSES

The Electronics (Robotics) Engineering Department offers exciting annual value-added courses to enhance students' technical expertise and practical skills. These courses, such as Mobile Robotics, provide hands-on learning experiences that bridge the gap between academic knowledge and real-world applications.

Open to both second and third-year students, these programs focus on the latest advancements in robotics, automation, and embedded systems, ensuring students gain industry-relevant exposure. By participating, students develop a strong foundation in robot design, programming, and intelligent automation, preparing them for successful careers in the fast-evolving world of robotics and technology.

### PROJECT CUM VALUE ADDED COURSE





## INDUSTRIAL VISIT

The Electronics (Robotics) Engineering Department organizes insightful industrial visits to leading industries, providing students with a first-hand experience of advanced robotics, automation, and cutting-edge technologies in real-world applications.

These visits offer a unique opportunity to interact with industry experts, explore modern manufacturing processes, and witness the latest innovations in robotics and artificial intelligence. Students gain valuable industry insights by bridging the gap between classroom learning and practical exposure, fostering a deeper understanding of real-world challenges and emerging trends.





S.No	Academic year	Date	Industrial Visit / Industrial Expo	Company/ Expo Name	Location	Number of Students Visited	Year of Study
1	2024-2025	27.01.2025	Industrial Expo	IMTEX 2025	Bengaluru	48	III
2		19.02.2025	Industrial Visit	Elkayem Auto ancillaries Pvt. Ltd.	Hosur	48	III
3		14.02.2025	Industrial Visit	TVS Motor Company	Hosur	61	II
4		28.02.2025	Industrial Expo	IoT show	Bengaluru	48+61	II & III
5		09.09.2024	Industrial Visit	Mettur Power station	Mettur	48	III
6	2023-2024	23.01.2024	Industrial Expo	IMTEX 2024	Bengaluru	43	III
7		27.02.2024	Industrial Visit	Ashok leyland Ltd.	Hosur	43	III
8	2022-2023	16.05.2023	Industrial Visit	Uno Minda	Hosur	25+45	II & III
9		23.01.2023	Industrial Expo	IMTEX 2023	Bengaluru	25+45	II & III
10		12.11.2022	Industrial Visit	Rahul Industries Pvt. Ltd.	Hosur	25+45	II & III
11		21.09.2022	Industrial Visit	Morey Auto Components Pvt. Ltd.	Hosur	25+45	II & III



## GUEST LECTURER

The Electronics (Robotics) Engineering Department proudly organizes engaging guest lectures featuring renowned industry experts, researchers, and innovators who share their expertise, insights, and experiences in the ever-evolving world of robotics and automation. These thought-provoking sessions provide students with a unique opportunity to explore emerging technologies, cutting-edge innovations, and real-world applications, bridging the gap between academia and industry.

Through interactive discussions, live demonstrations, and Q&A sessions, students gain valuable industry exposure, career guidance, and technical knowledge, empowering them to stay ahead in the fast-paced world of robotics. Inspiration, innovation, and learning— all in one session!



## PREPLACEMENT TRAINING

The Electronics (Robotics) Engineering Department conducts an annual Pre-Placement Training Program to equip final-year students with industry-relevant skills, technical expertise, and career readiness. Organized in collaboration with the GTT Foundation under the Barclays Life Skills Program, this intensive training includes soft skills development, technical training, aptitude coaching, resume building, mock interviews, and group discussions. Led by industry experts and experienced mentors, the program aims to bridge the gap between academic knowledge and industry expectations, boosting students' confidence and employability.





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## MOTIVATIONAL PROGRAM

The Electronics (Robotics) Engineering Department proudly organizes an inspiring motivational program featuring the renowned Agapori Tamil Speech, aimed at igniting passion, confidence, and determination among students. This dynamic session is designed to empower young minds, boost self-belief, and instill a success-driven mindset through powerful storytelling, real-life experiences, and thought-provoking insights. With an engaging and energetic delivery, the program encourages students to overcome challenges, embrace opportunities, and strive for excellence in their academic and professional journeys. A must-attend event for those seeking motivation, clarity, and the drive to achieve greatness.



## SPORTS DAY

We enthusiastically celebrate Sports Day, a thrilling event that brings together energy, teamwork, and competitive spirit! This exciting day is filled with action-packed games, athletic challenges, and team events, promoting physical fitness, leadership, and camaraderie among students. With a spirit of sportsmanship and enthusiasm, participants showcase their strength, endurance, and strategy in various indoor and outdoor sports. Beyond competition, Sports Day fosters discipline, resilience, and unity, creating unforgettable memories and reinforcing the importance of a healthy mind and body. Let the games begin!.



## **FACULTY DEVELOPMENT PROGRAM**

The Electronics (Robotics) Engineering Department has successfully organized the prestigious AICTE–ATAL sponsored 6-day Faculty Development Program (FDP) on “Robotics & Process Automation” from 16th to 22nd August 2024 with a generous funding of ₹3.5 lakhs.

This high-impact program brought together eminent experts, researchers, and academicians to explore cutting-edge advancements in robotics, automation, and AI-driven technologies. Designed to bridge the gap between academia and industry, the FDP featured interactive sessions, hands-on workshops, and expert talks, equipping participants with industry-relevant skills and futuristic insights.

**16.08.2024 - FRIDAY – Inauguration**



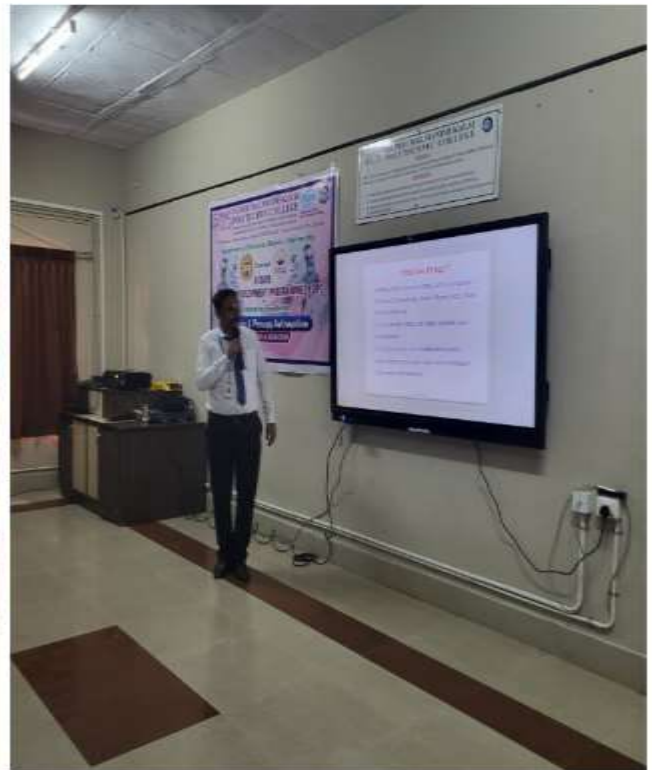
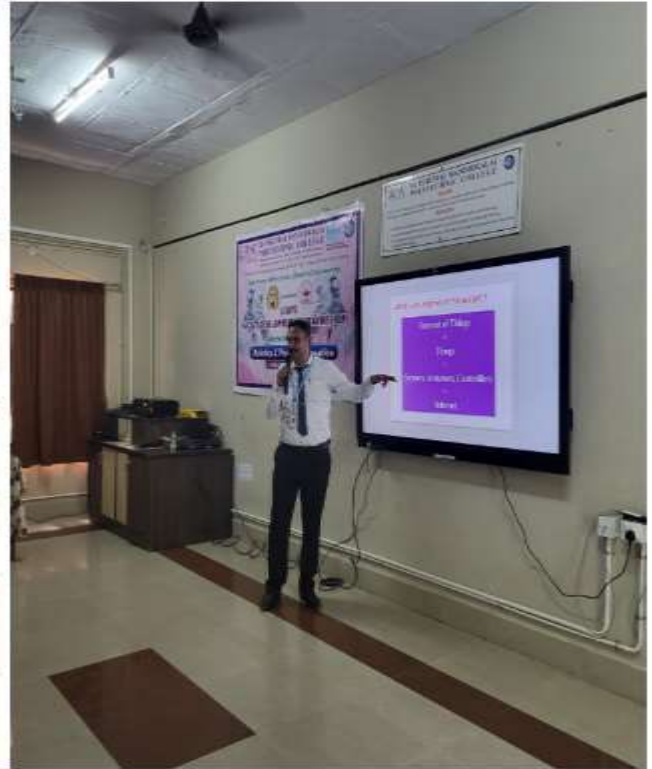
16.08.2024 Session-I Introduction to Robotics Process Automation and RPA tools.

By Mr. Muthukrishnan.G



16.08.2024 Session-II Implementation of National Education Policy 2020: Challenges and opportunities.

By Dr.Sahithullah M





17.08.2024 Session-III

ROBOTICS KINEMATICS.

By Mr. Madhan C



17.08.2024 Session-IV SENSOR INTEGRATION FOR ROBOTICS & AUTOMATION

By Dr. Nagarajpandian M



19.08.2024 Session-V CONTROL SYSTEM DESIGN FOR ROBOTICS.

By Dr. Saravanabalaji M



19.08.2024 Session-VI PROGRAMMING FOR REAL TIME ROBOTICS APPLICATIONS.

By Mr. Gunaseela Manikandan V



20.08.2024 Session-VII HARDWARE IMPLEMENTATION IN ROBOTICS.

By Dr. Rajesh T

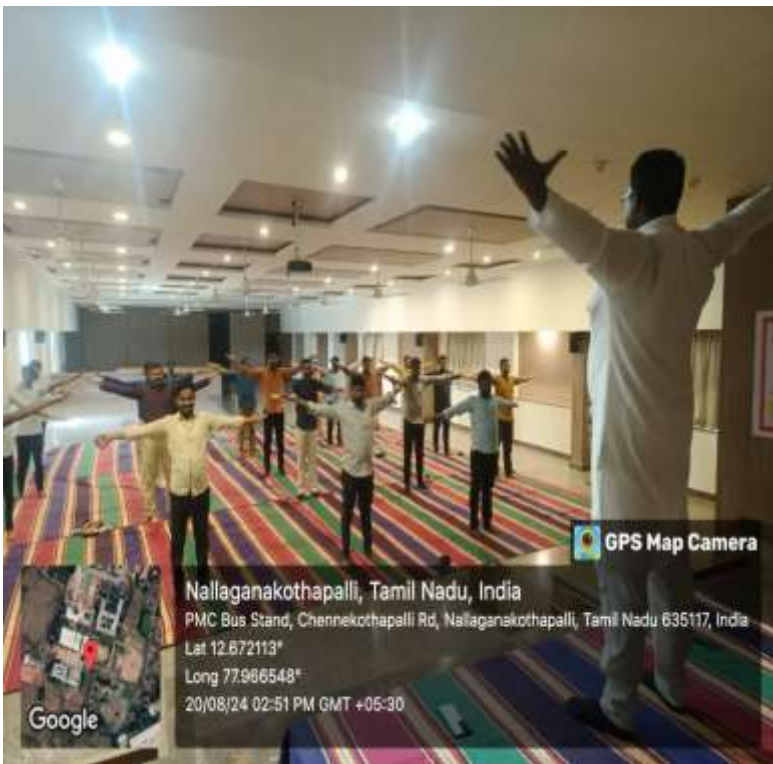


20.08.2024 Session-VIII ART OF LIVING.

By Mr.S.Shanmugam



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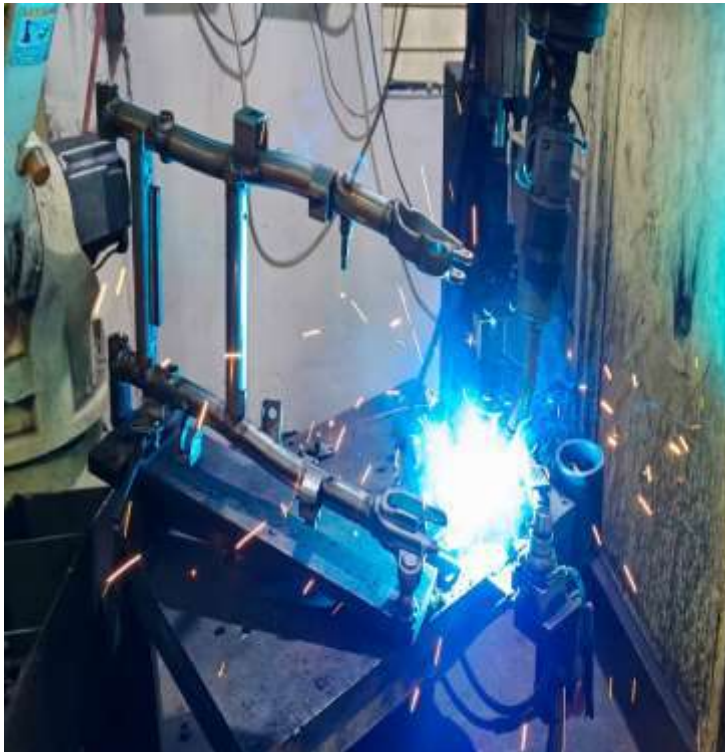


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21.08.2024 INDUSTRIAL VISIT – ELKAYEM AUTO ANCILLARIES Pvt. Ltd., Hosur



# 21.08.2024 Session-IX ELECTRICAL DRIVES & CONTROL FOR ROBOTICS AND AUTOMATION

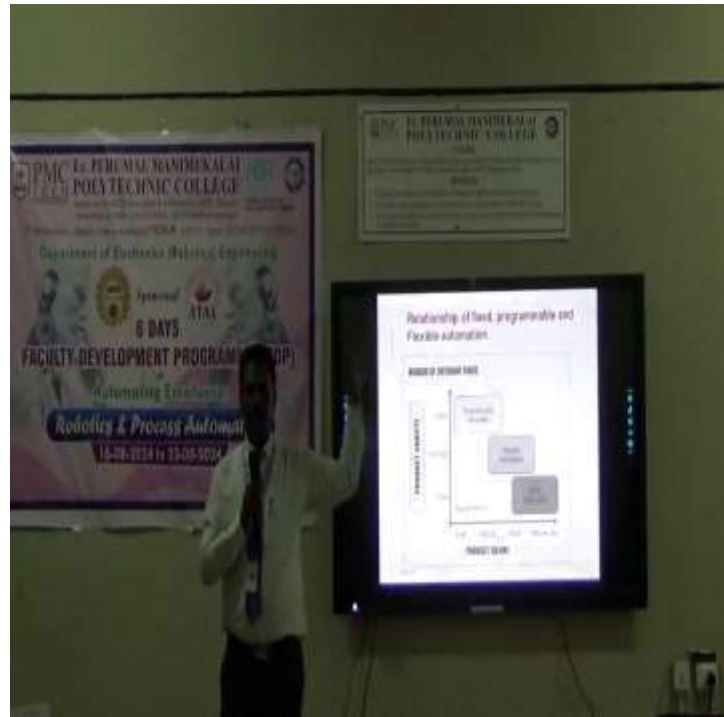
By Mr.Nivesh kumar K





22.08.2024 Session-X AUTOMATION IN MANUFACTURING

By Dr.M.Sudhagar



22.08.2024 VALEDICTORY FUNCTION

