



Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

ACCREDITED BY NAAC WITH 'A' GRADE

Koneripalli, HOSUR - 635 117.



REGISTRATION FORM

Name : _____
Degree : _____
Branch : _____
Mailing Address: _____
Contact No: _____ E-mail : _____ Id : _____
Amount paid: _____ Transaction ID: _____
Bank Name: _____
Date : _____

Signature of the applicant

Mr./Ms. _____
is a UG/PG student of our institution. He / She
will be permitted to attend the programme if
selected.

Signature & Seal
(Head of the Institution)

COMMITTEE MEMBERS

CHIEF PATRONS:

Shri. P. Kumar,
Chairman, PMCTech.
Smt. P. Mallar,
Secretary, PMCTech
Smt. P. Sasirekha,
Trustee, PMCTech

PATRON:

Dr. S. Chitra, M.E, Ph.D.,
Principal, PMCTech

CO-PATRON:

Dr. R. Saravanan, M.E, Ph.D.,
Director-Academics, PMCTech

CONVENERS:

Dr. M. Sahithullah, M.E, Ph.D.,
Head/ERP, PMCTech.
Dr. M. Sudhagar, M.E, Ph.D.,
HOD/Mechatronics, PMCTech.

ORGANIZING COMMITTEE:

Mr. N. Manivel
Assistant Professor / Mechatronics
Mr. C. Khader
Assistant Professor / Mechatronics
Mrs. M. Jeba Shalin
Assistant Professor / Mechatronics
Mrs. K. Subashini
Assistant Professor / Mechatronics



**Er. Perumal
Manimekalai**



College of Engineering

Hosur-635117, Tamil Nadu, India.

An Autonomous Institution

(Approved by AICTE, New Delhi)
Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade,
An ISO 9001:2015 Certified Institution)
Website: www.pmctech.org



**National Conference
on**

**"EMERGING TRENDS IN
MECHATRONICS
SYSTEM-2K24"**

(NCETMS -2024)

Date: 17.04.2024

In Association with



Organized by

**Department of
Mechatronics Engineering**

ABOUT THE COLLEGE

Er. Perumal Manimekalai College of Engineering (PMC TECH), located in Hosur, is an "Autonomous Institution" accredited by NAAC with "A" Grade and certified by ISO 9001:2015. It is affiliated with Anna University, Chennai, and offers quality education in 11 courses in B.E./ B.Tech., 5 courses in M.E./ M.Tech., as well as M.B.A. and M.C.A. Our Institution has been recognized by 2(f) and 12(B) from UGC, SIRO by DSIR, Ministry of Science and Technology, Govt. of India to promote scientific research activities. To comply with institutional regulations and to enhance academic and professional achievements, our faculty and students engage in various internships in various organizations such as industries, corporate sectors, and other institutions.

ABOUT THE DEPARTMENT

Department of Mechatronics Engineering is a professional discipline that combines Electrical, Electronics and Mechanical Engineering with Computer Technology and Control Engineering. Being a part of the PMC TECH family from the year 2013, it uses and provides new technologies in automation and robotics. The department has highly qualified and experienced faculty members to strengthen and fulfill the needs of the students from rural community. It is highly equipped with modernized laboratories for the benefit and betterment of the students in the field of Mechatronics Engineering. Tasks in hazardous environments are being positioned to be accomplished suitably for the benefits of health, safety, society and economy.

VISION OF THE DEPARTMENT

To be a Centre of excellence by imparting quality education with innovative teaching, research and practical exposure in the domain of Mechatronics for the development of knowledge and society.

MISSION OF THE DEPARTMENT

- Ensure unique and effective teaching – learning and training process, by imparting in-depth knowledge of the concepts, principles and its applications.
- Enrich the students with extensive industry oriented, ethical and interdisciplinary knowledge through state-of-the-art laboratories meeting the needs of industry and society.
- Provide distinctive opportunities, facilities and mentoring for finding innovative solutions to the complex problems for the growth and development of self and society.

ABOUT THE CONFERENCE

The objective of the "National Conference on Emerging Trends in Mechatronics System-2K24 (NCETMS-2K24)" is to bring together the Researchers, Academician, Students, Engineers and Practitioners into single platform.

SUBMISSION OF MANUSCRIPTS

- Original contributions of ongoing research and unpublished work are expected from authors. Abstracts should not exceed 200 words.
- Authors are requested to use the IEEE format. Formatted pages should not exceed 6 pages.
- ISBN 978-81-969901-1-4

Note: All selected papers will be published in reputed International Journal.

IMPORTANT DATES

Last Date for Registration : 12.04.2024
Deadline for Paper Submission: 13.04.2024
Notification of Acceptance: 14.04.2024
Confirmation through Mail: 15.04.2024

CONFERENCE THEMES

- Micro and Nano System Automotive System
 - Building Automation
 - Sensor and Signal Processing Technique
 - Man Machine Systems
 - Agricultural Robots
 - Tele Surgery
 - Hospital Automation and Tools
 - Humanoid Modeling
 - Mobile Robots and Tele Robots
 - PLC & SCADA Based System
- Topics not restricted above

REGISTRATION FEE

UG/PG Students : Rs. 200
Faculty/Research Scholars : Rs. 300
Industry Delegates : Rs. 500
Listeners/Participants : Rs. 100

The Registration fees should be drawn in favor of "Er. Perumal Manimekalai College of Engineering" payable at Hosur.

MAILING ADDRESS

The Convener (NCETMS-2K24),
Department of Mechatronics Engineering,
Er. Perumal Manimekalai College of Engineering,
Krishnagiri-Hosur National Highway Corner (all),
Hosur (Dt)-635 117,
Tamil Nadu, India.
Mobile: 9942195322, 8838224311

Email: hod.mco@pmctech.org



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DEPARTMENT OF MECHATRONICS ENGINEERING

National Conference on "Emerging Trends in Mechatronics System-2K24" was organized on 17.04.2024 from 9.30 AM at PMC Tech., Hosur Campus. It has been conducted for the Mechatronics Engineering students through offline mode. Mr.P.Suresh, Professor & Head, Department of Mechatronics Engineering, Sona College of Technology, Salem was the invited chief guest for the conference. Dr. M.Sahithullah ERP head/PMC Tech. welcomes the gathering. Dr. S. Chitra, Principal/PMC Tech., felicitated and addressed the gathering. In her speech, she explained the importance of the conference, motivated the students to present papers, and also gave them career guidance. Dr M.Sudhagar, HOD, Mechatronics Engineering department gave the chief guest introduction. The Mechatronics Engineering released the NATIONAL CONFERENCE - NCETMS'-2024 souvenir and the News Letter 2023-24. Around 96 UG Mechatronics Engineering students of PMC Tech., along with external participants attended the conference both in the Forenoon and Afternoon sessions. Around 30 papers were presented at the conference from various areas. The keynote address was given by the chief guest. He addressed the emerging 3D technologies in future decade and its growth rate and also gave a brief view on sustainable development goals. At the end of the inaugural address, students asked many queries and clarified their doubts. The technical presentation starts at 11.00 AM and ends at 3.00 PM. The valedictory function started at 3.00PM and the certificates were distributed to the external and internal participants. The department program coordinator has made all the arrangements for attending the program by the students. The program ended with a vote of thanks and the feedback was collected at the end of the session.

The conference will provide attendees with insights into the future of emerging 3D technologies and their potential growth over the next decade. Through engaging presentations, discussions, and networking opportunities, participants will gain a deeper understanding of how these technologies will contribute to achieving the nation's Sustainable Development Goals, fostering sustainable development across various industries and influencing our daily lives.



Welcome Address
Dr.M.Sahithullah, ERP Head
Er.Perumal Manimekalai College of Engineering, Hosur



Felicitations Address
Dr.Chitra, Principal
Er.Perumal Manimekalai College of Engineering, Hosur



Chief Guest Introduction
Dr.M.Sudhagar, HOD/Mechatronics Engineering
 Er.Perumal Manimekalai College of Engineering, Hosur

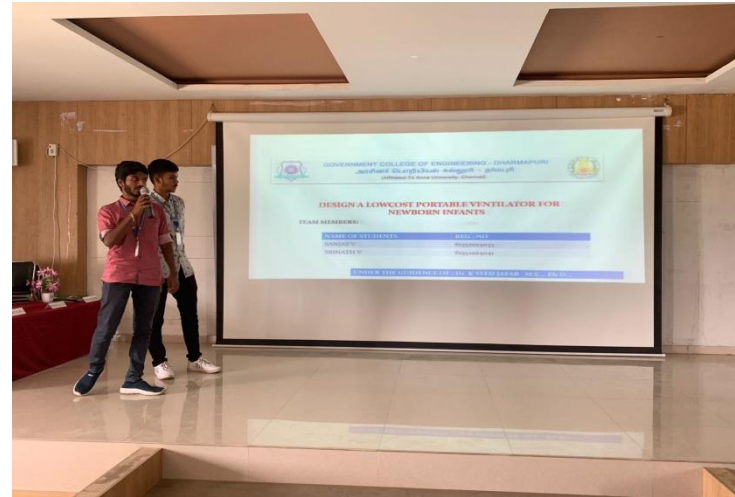


Souvenir & Newsletter 2023-24 Release
 Er.Perumal Manimekalai College of Engineering, Hosur



Honouring Chief Guest

Er.Perumal Manimekalai College of Engineering, Hosur



Paper Presentation

Er.Perumal Manimekalai College of Engineering, Hosur



Certificate Distribution

Er.Perumal Manimekalai College of Engineering, Hosur

