



**PMC
TECH**
INSPIRE TO INNOVATE

Er. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE

Approved by AICTE, New Delhi & Affiliated to DOTE, Chennai.
Accredited by NBA | An ISO 9001 : 2015 Certified Institution



CHEMICAL, CSE, ECE, EEE,
MECH., MECH (T&D), E-ROBOTICS



17th KM Bengaluru - Chennai Highway, Koneripalli, HOSUR - 635117 Phone : (04344) 257201, 257246

Department of Electronics (Robotics) Engineering

Cordially invites



Sponsored

6 Days Faculty Development Programme (FDP)

on

Automating Excellence:

Robotics & Process Automation

16-08-2024 to 22-08-2024





INAUGURAL SESSION

 16th August 2024, Friday @ 9.30 a.m.

Chief Guest



Mrs. P. Saratha, M.E.,
Principal,
Govt. Polytechnic College, Krishnagiri.

In the presence of

Shri. P. Kumar,
Chairman,
PMC Tech Group of Institutions

Shri. P. Mallar,
Secretary,
PMC Tech Group of Institutions

Shri. P. Sasirekha,
Trustee,
PMC Tech Group of Institutions

Prof. N. Sudhakaran,
Director,
PMC Tech Group of Institutions

Mr. N. Balasubramaniam,
Principal,
PMC Tech Polytechnic College

Mr. C. Veeramani,
HOD, E-Robotics





SESSION - 1

9.30 a.m. to 12.00 Noon

Resource Person

Mr. Muthukrishnan .G

Managing Director,
Universal Tech Automation, Coimbatore.



Topic :

**Introduction to Robotics Process
Automation and RPA Tools**

Session Chair:

Mr. D. Muthukumar

HOD/Mechanical

SESSION - 2

2.00 p.m. to 4.30 p.m.

Resource Person

Dr. M. Sahithullah

Associate Professor
Department of Mechatronics Engineering,
Er. Perumal Manimekalai College of Engg.,
Hosur.



Topic :

National Educational Policy

Session Chair:

Mrs. J. Blaizelet Mary

HOD/ECE





17th August 2024
Saturday

SESSION - 3

9.30 a.m. to 12.00 Noon



Resource Person

Mr. C. Mathan

Assistant Professor

Dept. of Electronics & Instrumentation Engg.
Sri Ramakrishna Engineering College,
Coimbatore.

Topic :

Robotics Kinematics

Session Chair:

Mr. N. Anand

HOD/EEE

SESSION - 4

2.00 p.m. to 4.30 p.m.



Resource Person

Dr. M. Nagarajapandian

Assistant Professor

Dept. of Electronics & Instrumentation Engg.
Sri Ramakrishna Engineering College,
Coimbatore.

Topic :

**Sensor integration for robotics and
automation**

Session Chair:

Mr. C. Veeramani

HOD/Electronics (Robotics)





19th August 2024
Monday

SESSION - 5

9.30 a.m. to 12.00 Noon

Resource Person

Mr. Saravanan Balaji .M

Assistant Professor,
Dept. of Electronics and Instrumentation Engg.,
Kumaraguru College of Technology,
Coimbatore - 19.



Topic :

**Control System Design for
Robotics and Automation**

Session Chair:

Mr. R. Ramachandran

HOD/Tool & Die

SESSION - 6

2.00 p.m. to 4.30 p.m.

Resource Person

Mr.V. Gunaseela Manikandan

Trainer,
Innovate Engineering Products, Hosur.



Topic :

**Programming for Real Time
Robotics Applications**

Session Chair:

Mr. A. Kanageshwaran

HOD/Mech





20th August 2024
Tuesday

SESSION - 7

9.30 a.m. to 12.00 Noon



Resource Person

Dr. T. Rajesh

Technical Lead Engineer,
Innovate Engineering Products
(IEP Solutions),
Hosur.

Topic :

**Hardware Implementation
for Robotics Automation**

Session Chair:

Mrs. K. Renugadevi

HOD/Chemical Engg.

SESSION - 8

2.00 p.m. to 4.30 p.m.



Resource Person

Mr. Shanmugam .S

Senior Lecturer/ Yoga Teacher
Er. Perumal Manimekalai Polytechnic College,
Hosur.

Topic :

Art of living

Session Chair:

Mr. C. Prakash

HOD/ Tool & Die





INDUSTRIAL VISIT

9.00 a.m. to 1.00 p.m.



Bimetal Bearing Limited

Hosur - Krishnagiri Road, NH - 7,
Perandapalli, Hosur, Tamil Nadu - 635125

Industry Type: **Manufacturing**

Area of Specification : **Bearing**



21st August 2024
Wednesday

SESSION - 9

2.00 p.m. to 4.30 p.m.

Resource Person

Mr. K. Nivesh Kumar

Trainer, Innovate Engineering Products, Hosur.

Topic :

**Electrical Drives and Control for
Robotics and Automation**

Session Chair:

Mr. P.R. Rajasekaran

HOD/ Computer



SESSION - 10

9.30 p.m. to 12.00 Noon

Resource Person

Dr. M. Sudhagar

HOD/ Dept. of Mechatronics Engineering,
Er. Perumal Manimekalai College of Engg.
Hosur.

Topic :

Automation in Manufacturing

Session Chair:

Mr. S.Thiyagarajan

HOD/ Civil



DAY 6



22nd August 2024,
Thursday



VALEDICTORY FUNCTION

📅 22nd August 2024, Thursday @ 3.00 p.m.

Chief Guest



Dr. P.P. Govindaraju, M.E., (Ph.D)
Principal,
Govt. Polytechnic College, Kelamangalam.

In the presence of

Shri. P. Kumar,

Chairman,
PMC Tech Group of Institutions

Shri. P. Mallar,

Secretary,
PMC Tech Group of Institutions

Shri. P. Sasirekha,

Trustee,
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Prof. N. Sudhakaran,

Director,
PMC Tech Group of Institutions

Mr. N. Balasubramaniam,

Principal,
PMC Tech Polytechnic College

Mr. C. Veeramani,

HOD, E-Robotics