

**Accredited by NBA & NAAC with 'A' Grade  
An Autonomous Institution**

**NH-44, 17th Km, Hosur to Krishnagiri Highways, Koneripalli, Hosur - 635 117.**

**Website: [www.pmctech.org](http://www.pmctech.org)**

## PMC - EEE ANNUAL NEWS LETTER

**01 Dec 2023**



### CHIEF PATRON

**Sri .P.Kumar, Chairman and Correspondent**

### PATRONS

**Smt.P.Mallar, Secretary**

**Smt.P.Sasirekha, Trustee**

### CO-PATRON

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

### HOD

**Dr.S.Mahendran, M.E., Ph.D.,**

About the Institution

About the Department

Students Participation

Faculty Participation

Photo Gallery

**EDITOR**

**Faculty Members**

**Department of EEE**

## **ABOUT THE INSTITUTION**

PMC TECH group of Institutions consisting of Engineering College, Polytechnic and ITI were established in the year 1996 by Er. P. Perumal B.E, M.I.E, Our Founder and Chairman and sponsored by Er. Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamilnadu. Er. Perumal Manimekalai College of Engineering, established in the academic year 2002-2003 is Approved by All India Council for Technical Education (AICTE) and affiliated to Anna University.

PMC TECH creates unique opportunities, provides individualized educational challenges, promotes high order thinking skills and maintains a strong tradition of academic excellence for students. The college is equipped with world class infrastructure and highly qualified, experienced faculty members. An active Placement Training and Welfare Cell is functioning with full enthusiasm with the aim of placing the students in top-notch companies.

PMC TECH, a premier institution for higher education seeks to impart value added technical education and always aiming at excellence along with inculcation of ethical, moral, & professional values, with national welfare in heart.

## **Chairman's Message**



**“The aim of education should be to teach us rather how to think, than what to think - rather to improve our minds, so as to enable us to think for ourselves, than to load the memory with thoughts of other men”**

In this great world the role of engineers is predominant. The out of box thinking and innovative approaches are the important qualities of a genuine engineer. We at PMC are providing students with such astonishing skills and knowledge to become a good human of high values to the society.

I wish all the students the very best and I hope to see every student as successful personality in the society.

**Shri.P.Kumar,  
Chairman,  
PMCTECH-Group of Institutions.**

## Secretary's Message



**“Great results are attained only by great patience, great courage and great attempts”**

It has always been my strong belief that each and every student has an unending ocean of talent that needs to be nurtured and which is guided with proper care and the correct attitude can help bring out the best from any individual.

Every individual is created by some talents, which should be brought out in this great platform.

**Smt. P. Mallar,  
Secretary,  
PMCTECH–Group of Institutions.**

## Principal's Message



*“Education aims to give you a boost up the ladder of knowledge. Too often, it just gives you a cramp on soffits rungs”*

Education functions as an important which is used to facilitate integration of the younger generation into the logic of the present system and to bring many great things to happen creatively which is beneficial to the society. Any technical program is the platform to demonstrate the student's own talents innovatively and effectively. Hard work is the only key to succeed in such tasks.

**Dr.S.Chitra,M.E,Ph.D.,**  
**Principal,**  
**PMCTECH–Engineering College.**

## HOD's Message



*“Knowledge is power, Information is liberty, and Education is the premise of Progress, in every society, in every family”*

Electrical and Electronics Engineering is the branch that deals with designing and testing circuits that use the electromagnetic properties of the electrical components such as resistors, capacitors, inductors and transistors to achieve a particular functionality.

The theoretical together with the practical content of the source provides a thorough knowledge of the core concepts relating to transmission of signals along the global. Our aim is to develop In young technocrats, ability to solve design-oriented problems in electronic circuits and various communication systems. Electrical and Electronics Engineers have good employment opportunity in power generation, industrial, core & IT fields.

**Dr. S .Mahendran,M.E,Ph.D.,**  
**HOD/EEE,**  
**PMCTECH–Engineering College.**



### **ChiefPatrons**

**Shri.P.Kumar**,Chairman,PMCTECH–Groupof Institutions

**Smt.P.Mallar**, Secretary, PMC TECH – Group of Institutions

**Smt.P.Sasirekha**,Trustee,PMCTECH–Groupof Institutions

### **Patron**

**Dr.S.Chitra**,Principal,PMCTECH–EngineeringCollege

### **Convener**

**Dr.S.Mahendran**,HOD/ Electrical&ElectronicsEngineering

### **Editorial Board Members(Faculty)**

**Dr. C.R.Balamurugan**, Professor / Department of EEE

**Dr. M. Sahithullah**, Associate Professor / Department of EEE

**Mrs. G. Shasikala**, Associate Professor / Department of EEE

**Mr. T. Senthilkumar**, Assistant Professor / Department of EEE

**Mrs.S.MeenaKumari**, Assistant Professor / Department of

**EEE**

**Mr N.Rajesh**, Assistant Professor / Department of EEE

**Mrs.Jayashree**, Assistant Professor/ Department of EEE

### **Editorial Board Members(Students)**

**N. Maha Ajithkumar, Final year EEE**

**A. Hemalatha, Final year EEE**

**M. Boja Prasath, Final year EEE**

**S. Barath, Third year EEE**

**S. Chandra sekar, Third year EEE**

**N. Nayana, Third year EEE**





**Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL&ELECTRONICS ENGINEERING**  
**SYMPOSIUM/CONFERENCE/SEMINAR/FDP/GUEST LECTURES**  
**ACADAMIC YEAR 2023-2024(ODD SEMESTER)\_**



**CO-CURRICULAR ACTIVITIES**

<b>S. N O</b>	<b>TITLEOF THE EVENT</b>	<b>RESOURCE PERSON</b>	<b>DATE</b>	<b>YEAR/ STRENGTH</b>
1	All India IEI Workshop on Technological Advancement and Challenges in power switching converters for Renewable Energy Sources and Fuel Cell Technology for E Vehicles	1.Dr Himadri Bhushan Das Director Vehicle Software OLA Electric Bengaluru  2.Er L.K.M.Adhi FIE MD –Knitvel Needles Pvt Ltd Chairman-IEI, Hosur Local Center	29.08.23 30.08.23	III&IV- 90
2	Technical workshop on Electrical CAD	Er S.Shivasakthivel Design Engineer , CCUBE Technologies, Erode	20.09.23 21.09.23	III- 54
3	Guest Lecture on ICS & SCADA	Mr. Sanjay Deonath Patil Director, NPTI Bengaluru	30.09.2023	III-54
4	Technical Workshop on PLC & SCADA	Mr Parthiban Manickam Additional Director, Caliber Embedded Technologies India Pvt Ltd, Salem	20.10.23 21.10.23	III-54
5	Technical Seminar on Role of Engineers in Power Industry	Mr V.Subramanian CGM, L & T Switchgear Training Centre, Coonoor	25.10.2023	III&IV- 90
6	Technical Seminar on IoT for electric vehicles	Mr B.Anbarasan Manager, Simple Energy Private Ltd, Shoolagiri	04.11.2023	IV-36
7	Guest Lecture on Energy Block Chain beyond hype for Real Time Improvement	Dr A.Nazar Ali Professor/EEE, Rajalakshmi Engineering College, Chennai.	23.11.2023	III-54
8	Technical Seminar on VHDL for Digital Logic Circuits	Mr N.Rajasekaran Assistant Professor /EEE, K.S.Rangasamy College of Technology, Tiruchengode	25.11.2023	III-54
9	Symposium ”POWERGLITZ-2K23”	Er.P.Ramkumar Director-Chief Technical Officer, Innovative Solutions India Pvt.Ltd,	03.11.2023	II,III,IV-150

**PARTICIPATION OF STUDENTS IN CONFERENCE, SYMPOSIUM, TECHNICAL EXHIBITIONS – 2023-2024**

**A. INDUSTRIAL TRAINING THIRD YEAR**

S.NO	Name of the student	Name of the company	Period of internship	
			Start date	End date
1	ANIRUD SHRIRAM.A.G	V POWER SOLUTION	03.07.2023	08.07.2023
2	APOORVAMAN.I.A	STAHL FORM	17.07.2023	22.07.2023
3	BHAVYA.K	TITAN COMPANY	10.07.2023	15.07.2023
4	CHITHRA.M	TENNECO	03.07.2023	08.07.2023
5	DEEKSHITHA.C	TENNECO	03.07.2023	08.07.2023
6	DINESH.S	FORAGE	22.07.2023	27.07.2023
7	HARSITH.S	V POWER SOLUTION	03.07.2023	08.07.2023
8	JASHRA NAAZ .A	TENNECO	03.07.2023	08.07.2023
9	KARTHIK.K	V POWER SOLUTION	03.07.2023	08.07.2023
10	KOMAL KUMAR.I.M	TENNECO	03.07.2023	08.07.2023
11	MANJUNATH.R	TITAN COMPANY	17.07.2023	22.07.2023
12	REETHIKA.G	TENNECO	03.07.2023	08.07.2023
13	SACHIN.L	TENNECO	03.07.2023	08.07.2023
14	SANDHIYA.R.K	TENNECO	03.07.2023	08.07.2023
15	SANTHOSH.P	TVS	25.07.2023	29.07.2023
16	SOUNDARYA.P	DEL MONTE	17.07.2023	22.07.2023
17	VENKATACHALAPATHY. R	TENNECO	03.07.2023	08.07.2023
18	VIGNESH.S	TITAN COMPANY	17.07.2023	22.07.2023

**PARTICIPATION OF STUDENTS IN CONFERENCE, SYMPOSIUM, TECHNICAL  
EXHIBITIONS – 2023-2024**

**A. INDUSTRIAL TRAINING FINAL YEAR**

S.NO.	NAME OF THE STUDENT	INDUSTRY NAME	PERIOD
1	M.Naveen	Tenneco Automotive India Pvt Ltd	10.07.2023 to 12.07.2023
2	G.Gowtham	Tenneco Automotive India Pvt Ltd	10.07.2023 to 12.07.2023
3	R.Balu	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
4	M.Sanjai	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
5	A.Mutharasan	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
6	N.Maha Ajith Kumar	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
7	C.Sakthivel	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
8	I.Steephan Gerald	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
9	M.Uveash	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
10	B.Dhivagar	Tenneco Automotive India Pvt Ltd, Hosur	10.07.2023 to 12.07.2023
11	M.Kavya	Titan Company Ltd, Hosur	24.07.2023 to 29.07.2023
12	A.Hemalatha	Titan Company Ltd, Hosur	24.07.2023 to 29.07.2023
13	A.Hemalatha	SR Automation Chrompet , Chennai	03.07.2023 TO 08.07.2023
14	G.Gowtham	Hertz Enterprise Electricals, Hosur	03.07.2023 TO 08.07.2023
15	G.Gowtham	SS Fine Motors and Appliances Private Ltd, Hosur	19.07.2023 to 25.07.2023
16	N.Mahajith kumar	Hertz Enterprise Electricals, Hosur	03.07.2023 TO 08.07.2023
17	B.Jaikumar	NSIC-Technical Services Centre, Chennai	17.07.2023 to 24.07.2023
18	K.Ragavendhra Rao	NSIC-Technical Services Centre, Chennai	17.07.2023 to 24.07.2023
19	N.Sudharson	NSIC-Technical Services Centre, Chennai	17.07.2023 to 24.07.2023
20	L.Vinoth	NSIC-Technical Services Centre, Chennai	17.07.2023 to 24.07.2023

21	M.Naveen	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
22	M.Bojaprasath	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
23	M.Uveash	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
24	C.Sakthivel	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
25	R.Balu	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
26	B.Dhivagar	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
27	M.Sanjai	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
28	A.Mutharasan	Hertz Enterprise Electricals,Hosur	19.07.2023 to 25.07.2023
29.	C.Sakthivel	TVS Motor company Ltd	19.07.2023 to 25.07.2023
30	C.Sakthivel	SS Fine Motors and Appliances Private Ltd,Hosur	19.07.2023 to 25.07.2023

**Academic Year 2023-2024 (ODD SEM)**

**Professional Body Action Plan**

**Date: 28/08/2023**

**DEPT: ELECTRICAL AND ELECTRONICS ENGINEERING**

<b>Sl. No</b>	<b>Name of The Professional Body</b>	<b>Proposed date</b>	<b>Year / Sem</b>	<b>Name of the Topic</b>	<b>Name of the Resource Person</b>
1	IEEE	02.11.2023	II / III	Guest Lecture On Energy block chain beyond hype for Real time Improvement	Dr. A.NAZAR ALI, Associate professor, Rajalakshmi Engineering college, Chennai. 9843625854
2	IEI	29.08.2023	III/V	Technical seminar on Technological Advancement and Challenges in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-Vehicles	1. Dr. Himadri Bhushan Das Director – Vehicle Software OLA Electric, Bengaluru  2.Er.L.K.M.Adhi, FIE, MD-Knitvel Needles Pvt. Ltd., Chairman – IEI, Hosur Local Center
2	IEI	09.09.2023	IV/VII	Technical seminar on IoT for Electric Vehicles	Mr.B.Anbarasan, Manager, Simple Energy Private Limited, Shoolagiri

**Academic Year 2023-2024 (ODD SEM)**

**MOU Action Plan**

**Date: 29/08/2023**

**DEPT: ELECTRICAL AND ELECTRONICS ENGINEERING**

<b>S.No</b>	<b>Name of The MoU</b>	<b>Participants</b>	<b>Date</b>	<b>Program</b>	<b>Resource Person</b>
<b>1</b>	L & T STC, Coonor, Ooty	II	01.11.2023	Technical seminar on "role of Engineers in Power Industry"	Mr.M.Sathish Trainer L&T Switchgear Training Centre Ooty
<b>2</b>	VI Microsystems Private Limited, Chennai	III	18.09.2023	Technical Seminar on Recent Power Electronic Converters	Er.S.Marban Marketing Executive, VI Microsystems Pvt Ltd, Chennai E Mail: marban@vimicrosystems.com Contact: 9841030733
<b>3</b>	L & T STC, Coonor, Ooty	IV	19.09.2023	Role of IOT in Smart Grid	Mr.V.Subramanian CGM L&T Switchgear Training Centre Ooty

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Academic Year 2023-2024 (ODD SEM)**

**IEEE/IEI List of Students Office Bearers**

S.No	Responsibility	Name of the Student	Year	School Education	CGPA
1	PRESIDENT	Maha ajith Kumar N	Final	Senthil matric Hr.Sec.School,Dharmapuri	8.07
2	VICE PRESIDENT	Barath S	Third	PMC Polytechnic college	7.8
3		Chandra Sekar S	Third	Vailankanni matriculation hr secondary school, shoolagiri	7.6
4	SECRETARY	Hemalatha A	Final	St. Joseph Matric. Hr Sec School, Hosur	8.48
5	JOINT SECRETARY	Bojaprasath M	Final	Govt Boys He Secondary school, Kaveripattinam	8.9
6		Nayana N	Third	Vishwachethana PU college	8.27



**UNIVERSITY RANK LIST**

**ACADEMIC YEAR : 2023 - 2024**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

<b>SL NO</b>	<b>YEAR</b>	<b>REG.NO</b>	<b>STUDENT NAME</b>	<b>AVERAGE</b>	<b>RANK</b>
1	III	610820105014	NAVEEN M	8.50	I
2	III	610820105004	HEMALATHA.A	8.45	2
3	II	610821105005	BHAVYA K	8.55	1
4	II	610821105014	JAYASHREE G	8.31	2
5	I	610822105030	MAHALAKSHMI.C	8.95	1
6	I	610822105053	VARSHINI	8.33	2



Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING  
(AUTONOMOUS)



Institution of Engineers  
(India)

Department of Electrical & Electronics Engineering

*Organises*

Institution of Engineers (India)

*Sponsored*

Two Days All India Workshop on  
“ Technological Advancement and Challenges  
in Power Switching Converters for Renewable Energy Sources  
and Fuel Cell Technology for E-vehicles ”

📅 29<sup>th</sup> & 30<sup>th</sup> August 2023, 10.30 a.m. 📍 Auditorium - PMC Tech Campus

*Chief Guest*

**Dr. Himadri Bhushan Das**

Director - Vehicle Software, OLA Electric, Bengaluru.

*Guest of Honour*

**Er. L. K. M. Adhi, FIE.,**

MD - Knitvel Needles Pvt. Ltd.,  
Chairman - IEI, Hosur Local Center

**Smt. P. Mallar**

Secretary, PMC Tech Institutions

**Shri. P. Kumar**

Chairman, PMC Tech Institutions

*will preside over the function*

*In the presence of*

**Prof. N. Sudhakaran**

Director, PMC Tech Institutions

**Dr. S. Chitra**

Principal, Engineering College

**Er. V. Karthikeyan**

Secretary - IEI, Hosur Local Center

**Er. S. Nandha Kumar**

Electrical Division - IEI  
Hosur Local Center

**Dr. S. Mahendran**

HOD / EEE,  
PMC Tech Engineering College

**Dr. M. Sahithullah**

Electrical Division - IEI  
Hosur Local Center



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## GUEST LECTURE ON ICS & SCADA



*Resource Person*

**Mr. SANJAY DEONATH PATIL**

**DIRECTOR,**

**NATIONAL POWER TRAINING INSTITUTE,**

**(Ministry of Power, Govt. of  
India), Bangalore.**

*Date:* 30.09.2023

*Time:* 09.00AM-04.15PM

*Event Co-ordinator*

**Dr. C. R. BALAMURUGAN,**  
**Professor/EEE,**



**Dr. S.MAHENDRAN,**  
**HOD / EEE**



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## **TWO DAYS WORKSHOP ON PLC & SCADA**



*Resource Person*

**Mr. PARTHIBAN MANICKAM,  
ADDITIONAL DIRECTOR,**

**CALIBER EMBEDDED  
TECHNOLOGIES INDIA PVT. LTD.,  
SALEM.**

*Date: 20.10.2023 – 21.10.2023*

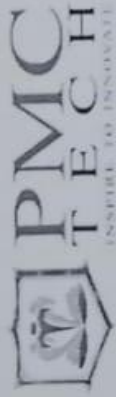
*Time: 09.00AM-04.15PM*

*Event Co-ordinator  
Mrs. S. MEENAKUMARI,  
Associate Professor/EEE,*



**Dr. S.MAHENDRAN,  
HOD / EEE**





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Koneripalli, HOSUR - 635 117.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## **TECHNICAL SEMINAR ON ROLE OF ENGINEERS IN POWER**

### **INDUSTRY**



*Resource Person*  
**MR. V. SUBRAMANIAN,  
CGM, L & T SWITCHGEAR  
TRAINING CENTRE,  
COONOR, OOTY**

*Date: 25.10.2023*

*Time: 09.00AM-04.15PM*

*Event Co-ordinator*  
**Mr. T. SENTHILKUMAR,**  
*Assistant Professor/EEE,*



**Dr. S. MAHENDRAN,**  
**HOD / EEE**



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Koneripalli, HOSUR - 635 117.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## **ENERGY BLOCK CHAIN BEYOND HYPE FOR REAL TIME IMPROVEMENT**



*Resource Person*

**Dr. A. NAZAR ALI,**

**Professor/EEE**

**Rajalakshmi Engineering**

**College,  
Chennai.**

*Date: 23.11.2023*

*Time: 09.00AM-04.15PM*

*Event Co-ordinator  
Mrs. G. SHASIKALA,  
Associate Professor/EEE,*



**Dr. S. MAHENDRAN,  
HOD / EEE**



**Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING**

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Koneripalli, HOSUR - 635 117.



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

## **TECHNICAL SEMINAR ON VHDL FOR DIGITAL LOGIC CIRCUITS**



*Resource Person*  
**Mr. N. RAJASEKARAN,**  
Assistant Professor/EEE  
K.S.Rangasamy College of Technology,  
Tiruchengode.

*Date:* 25.11.2023

*Time:* 09.00AM-04.45PM

*Event Co-ordinator*  
**Mrs. M. JAYASHREE,**  
Assistant Professor/EEE,



**Dr. S. MAHENDRAN,**  
HOD / EEE





**PMC  
TECH**  
INSPIRE TO INNOVATE

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## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING IN ASSOCIATE WITH**



### **ORGANIZES TECHNICAL WORKSHOP ON "ELECTRICAL CAD"**

#### **ORGANIZER**

**Dr.S.MAHENDRAN,M.E,Ph.D.,  
HOD/EEE**



#### **EVENT CO-ORDINATOR**

**Mrs.M.JAYASHREE,M.E.,  
AP/EEE**

**Er.S.SIVASAKTHIVEL , B.E(MECH),  
DESIGN ENGINEER,  
C CUBE TECHNOLOGY, ERODE ■**



**DATE: 20.09.2023 & 21.09.2023**



**TIME: 9AM-4PM**





ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING



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Koneripalli Hosur 635 117

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*A NATIONAL LEVEL TECHNICAL SYMPOSIUM*

# POWERGLITZ-2K23

## 03/11/2023



### TOPICS

1. Solar Voltaic Lighting Systems
2. Efficient On-Chip Crosstalk Avoidance
3. Wireless Electronic Notice Board
4. Student Administration Automation System Using Pic controller.
5. Adaptive Piezoelectric energy harvesting system

### EVENTS

PAPER PRESENTATION

MINDWARE MAZE

CIRCUITRIX

PICK & PLACE

*ATTRACTIVE CASH PRIZES*



QR CODE



REGISTRATION  
FEES: 200/ Team

#### STUDENT COORDINATORS

C.Sakthivel - 9042461581

R.sanjay - 8098910338

P.Adhiraj - 8122556811

#### REGISTRATION LINK

<https://forms.gle/5AVZVxygV89nehm48>

LAST DATE TO APPLY  
30/10/2023

E-MAIL- [hod.eee@pmctech.org](mailto:hod.eee@pmctech.org)

Mrs.G.Shasikala  
Mr.T.Senthil Kumar  
Faculty coordinators

Dr.S.Mahendran  
HOD/EEE

Dr.S.Chitra  
Principal

**B.PAPER PRESENTATION**

S. NO	NAME OF THE STUDENT	YEAR/ SEM	TITLE	ORGANIZATION/ COLLEGE IN WHICH PARTICIPATED	DATE
1	M.Megala	IV/ VII	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Karpagam Institute of Technology, Coimbatore(ELECTROX 23)	28.10.2023
2	B.Keerthana	IV/ VII	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Karpagam Institute of Technology, Coimbatore	28.10.2023

**PARTICIPATION OF STAFF IN CONFERENCE, SYMPOSIUM, TECHNICAL  
EXHIBITIONS-2023-2024**

**A.FACULTY FDP/INTERNSHIP**

S.N O	NAME OF THE FACULTY	COLLEGE/ AGENCY PARTICIPATED	PROGRAM TITLE	DATE
1	Dr C.R.Balamurugan	Power Grid,Shoolagiri	Internship	19.07.2023
2	Dr M.Sahithullah	Power Grid,Shoolagiri	Internship	19.07.2023
3	Dr S.Mahendran	Power Grid,Shoolagiri	Internship	19.07.2023
4	Mrs G.Shasikala	Power Grid,Shoolagiri	Internship	19.07.2023
5	Mrs S.Meenakumari	Power Grid,Shoolagiri	Internship	19.07.2023
6	Mr T.Senthilkumar	Power Grid,Shoolagiri	Internship	19.07.2023
7	Mr N.Rajesh	Power Grid,Shoolagiri	Internship	19.07.2023
8	Mrs M.Jayashree	Power Grid,Shoolagiri	Internship "	19.07.2023
9	Dr C.R.Balamurugan	NPTEL	FDP on Design Thinking APrime	August 2023
10	Dr S.Mahendran	NPTEL	FDP on "Fundamentals of Electrical Engineering"	October 2023
11	Mrs.G.Shasikala	NPTEL	FDP on "Fundamentals of Artificial Intelligence"	October 2023
12	Mrs.S.Meenakumari	NPTEL	FDP on "Fundamentals of Artificial Intelligence"	October 2023
13	Mr T.Senthilkumar	NPTEL	FDP on "Fundamentals of Artificial Intelligence"	October 2023

14	Mr N.Rajesh	NPTEL	FDP on “Fundamentals of Artificial Intelligence”	October 2023
15	Dr C.R.Balamurugan	Praco Devices ,Coimbatore	Internship	15.07.2023
16	Dr C.R.Balamurugan	Cambridge Institute of Technology ,Bangalore	Internship	31.07.2023
17	Dr C.R.Balamurugan	OLA future Electric ,Krishnagiri	Internship	15.08.2023
18	Mr N.Rajesh	AICTE-ATAL IDEA LAB	Advanced FDP on “Electronic System Design”	19.06.23 to 24.06.23
19	Mrs S.Meenakumari	Sathyabama Institute of Science and Technology	Role of Electric Vehicles in shaping sustainable transportation systems	03.07.2023 to 08.07.2023
20	Mr T.Senthilkumar	Mahatma Gandhi Institute of Technology ,Hydrabad,Telangana	Recent trends in green energy initiatives and soft computing techniques	11.07.2023 to 15.07.2023

**B.FACULTY CONFERENCE**

S.NO	NAMEOF THE FACULTY	EVENT	TOPIC	NAMEOF THE COLLEGE	DATE
1	Dr S.Mahendran	National Conference	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Karpagam Institute of Technology.	28.10.2023
2	Dr C.R.Balamurugan	National Conference	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Karpagam Institute of Technology.	28.10.2023
3	Mrs.G.Shasikala	National Conference	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Karpagam Institute of Technology.	28.10.2023
4	Dr C.R.Balamurugan	International Conference(I EEE ICSCAN 2023)	Rotor Design and Modeling for switched Reluctance Motor to minimize Torque Ripples	Manakula Vinayagar Institute of Technology,Pudu cherry	November 2023
5.	Dr C.R.Balamurugan	International Conference(I EEE ICSCAN 2023)	Performance Analysis of Quadratic Buck Boost Converters: A Comparative Study	Manakula Vinayagar Institute of Technology,Pudu cherry	November 2023
6.	Dr C.R.Balamurugan	International Conference(I EEE ICSCAN 2023)	Optimizing Energy Efficiency through Hybrid AC/DC Topologies for rural Electrification	Manakula Vinayagar Institute of Technology,Pudu cherry	November 2023



### C. JOURNAL

S.N O	NAME OF THE FACULTY	NAME OF THE JOURNAL	TITLE	VOLUME
1	Dr.C.R.Balamurugan	Dogo Rang Sang Research Journal	Vehicle Alerting System using Arduino and Ultrasonic Sensor	Vol 13 issue 6 June 2023
2	Dr S.Mahendran	International Journal for Modern Trends in Science and Technology	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Vol 9 issue 9,September 2023
3	Mrs.G.Shasikala	Dogo Rang Sang Research Journal	A Bidirectional Hybrid Converter with soc monitoring for electric vehicle	Vol 13 issue 6 June 2023
4	Mrs.G.Shasikala	International Journal for Modern Trends in Science and Technology	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Vol 9 issue 9,September 2023
5	Mrs S.Meenakumari	Dogo Rang Sang Research Journal	Active Synchronous Rectifierbased parallel interleaved converter for EV battery charging	Vol 13 issue 6 June 2023
6	Mr T.Senthilkumar	Dogo Rang Sang Research Journal	Efficiency improved Multisource Inverter for hybrid energystorage system on EV	Vol 13 issue 6 June 2023



7	Mr T.Senthilkumar	International Journal for Modern Trends in Science and Technology	AI Interfaced LVRT Control for Double fed induction generator wind energy conversion system	Vol 9 issue 9,September 2023
8	Mr T.Senthilkumar	International Journal of Innovative Research in Technology	Multi input modified Z source based boost converter fed BLDC motor for electric vehicle	Vol 10 issue 4 September 2023

**D.PATENT**

S N O	FACULTY NAME	TOPIC	CBR NUMBER/ PATENT NUMBER/ APPLICATION NUMBER	CBR DATE/STATUS
1	Dr. S. Mahendran	Three-phase bidirectional meter interconnected to the grid with monitoring of the generation of electrical energy from the panel- micro inverter	202341044293	September 2023
2	Dr.C.R.Balamurugan	Photo voltaic Powered DC Borewell with high step up DC-DC Converter	202321054566A	October 2023

**E.FACULTY COURSES**

S.N O	NAME OF THE FACULTY	COURSES	PROGRAM TITLE	COLLEGE OR ORGANIZATI ON IN WHICH PARTICIPATE D	DATE
1	Dr.C.R.Balamurugan	NPTEL Course	Design Thinking A Prime	NPTEL	July-Aug 2023
2	Dr S.Mahendran	NPTEL Course	Fundamentals of Electrical Engineering	NPTEL	October 2023..
3	Mrs G.Shasikala	NPTEL Course	Fundamentals of Artificial Intelligence	NPTEL	October 2023.
4	Mrs S.Meenakumari	NPTEL Course	Fundamentals of Artificial Intelligence	NPTEL	October 2023
5	Mr T.Senthilkumar	NPTEL Course	Fundamentals of Artificial Intelligence	NPTEL	October 2023.
6	Mr N.Rajesh	NPTEL Course	Fundamentals of Artificial Intelligence	NPTEL	October 2023

**E.FACULTY AWARDS/RESOURCE PERSONS**

S.NO	NAME OF THE FACULTY	AWARDS/RESOURCE PERSON	PROGRAM TITLE	COLLEGE OR ORGANIZATION IN WHICH PARTICIPATED	DATE
1	Dr.C.R.Balamurugan	Resource Person	Workshop on "Technological advancement and challenges in power switching converters for energy sources and fuel cell technology for E-Vehicles"	Er Perumal Manimekalai College of Engineering ,Hosur	30.08.2023
2	Dr.C.R.Balamurugan	Resource Person (Guest Lecture)	Lecture on "Metal Injection Molding"	Er Perumal Manimekalai College of Engineering ,Hosur	11.08.2023
3	Dr.C.R.Balamurugan	Resource Person (Guest Lecture)	Lecture on "Additive Manufacturing"	Er Perumal Manimekalai College of Engineering ,Hosur).	11.08.2023
4	Dr M.Sahithullah	Resource Person	Workshop on "Technological advancement and challenges in power switching converters for energy sources and fuel cell technology for E-Vehicles"	Er Perumal Manimekalai College of Engineering ,Hosur	30.08.2023
5	Dr C.R.Balamurugan	Chair Person	Session on" EEE track for Machine Learning, Deep Learning, and UAV" at the 5 <sup>th</sup> IEEE International Conference on Systems, Computation ,Automation ,and Networking	Manakula Vinayagar Institute of Technology,Pu ducherry	17.11.2023 to 18.11.2023

**G.FACULTY BOOKS PUBLISHED**

S. N O	NAME OF THE FACULTY	NAME OF THE BOOK/ CHAPTER	DETAILS OF PUBLICATION	DATE
1	Dr. S. Mahendran	Electric Vehicle Architecture	Magnus Publications	July 2023
2	Dr.C.R.Balamurugan	Electric Vehicle Architecture	Magnus Publications	July 2023.
3	Mrs G.Shasikala	<i>Power System Analysis</i>	Magnus Publications	<i>June 2023</i>
4	Dr.C.R.Balamurugan	<i>Power System Analysis</i>	Magnus Publications	<i>June 2023</i>
5	Dr.C.R.Balamurugan	Electric Vehicle for Smart Cities	Lambert Academic Publishing	November 2023

**H.FACULTY/DEPARTMENT FUNDS RECEIVED**

<b>S. N O</b>	<b>NAME OF THE FACULTY/DE PARTMENT</b>	<b>PROJECT/WORK SHOP TITLE</b>	<b>FUNDING AGENCY</b>	<b>DATE</b>
1	Dr S.Mahendran/HOD,EEE	All India IEI Workshop on Technological Advancement and Challenges in power switching converters for Renewable Energy Sources and Fuel Cell Technology for E Vehicles	Institution of Engineers (India),Kolkata(500 00 rupees)	29.08.2023 to 30.08.2023

**PLACED STUDENTS LIST****BATCH:2019-2023****ACADEMIC YEAR:2022-2023**

S.NO	REG.NO	NAME	COMPANY	SALARY
1	610819105501	<u>GAYATHRI.G</u>	TCS	3.6 Lakhs
2	610819105304	SHILPA R	WEG INDUSTRIES	3.0 Lakhs
3	610819105013	<u>POOJA N</u>	WEG INDUSTRIES	3.0 Lakhs
4	610819105010	<u>MOHAMMED ANAS R</u>	Bharat Firtz Werner	3.6 Lakhs
5	610819105002	CHITHRA V	Lakshmi Metals	2.16 Lakhs
6	610819105006	KESAVAMURTHY G C	Tata Electronics	3.5 Lakhs
7	610819105020	THILIPEN A	Tata Electronics	3.5 Lakhs



## SPORTS ACTIVITIES

S NO	YEAR	NAME OF THEGAM E	NAME OF THESTUDE NT	REMARKS
1	IV	Badminton Zonal ,Anna UNIVERSITY Sports Board	M.Jayakumar	First
2	IV	Rifle Shooting, Young Sports of India	K.Ajei Surya	First

## WORK SHOP ON : “Energy Block Chain Beyond Hype For Real Time Improvement ”



## Technical seminar on IoT for Electric vehicles





## Two days all India IEI workshop on “Technical Advancement and Challenges”











## Technical seminar on “VHDL FOR DIGITAL LOGIC CIRCUITS”



## Technical seminar on “E - CAD”





## Technical seminar on “PLC and SCADA”



## Technical seminar on “ICS and SCADA”





## Technical seminar on “Role of Engineers in Power Industry”



## Technical seminar on “ICS & SCADA”

