

PMC - EEE ANNUAL NEWS LETTER

Volume - 6

Issue - 1

25th February 2019



CHIEF PATRON

Er. P. Perumal - Chairman

PATRONS

Mr. P. Kumar, Secretary & Correspondent

Mrs. P. Mallar, Trustee

CO-PATRON

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

HOD

Prof. G. Shasikala, M.E.,

EDITOR

Faculty Members

Department of EEE

About the Institution (2)

About the Department (3)

Tech Expo 2019 (10)

IEDC Projects (11)

Project Expo (12)

Placement (26)

Photo Gallery (27)

Lab Gallery (34)

OUR INSTITUTION

“PMC TECH play influential role with Industries for providing meaningful impact on overall competency and skill levels of the students in relation to knowledge updating with practicality in learning and professionalizing them aiming at the developing scenario of current and future technologies.”

PMC TECH Group of Institutions, Hosur, Tamilnadu established in the year 1996 is run by “Er. Perumal Manimekalai Telugu Minority Educational and Charitable Trust” under the dynamic leadership of Shri. Er. P. Perumal, Founder Chairman. The Institutions comprise Matriculation School, ITI, Polytechnic, Engineering College and Research Studies providing quality education in the region.

Er. Perumal Manimekalai College of Engineering (established 2002) approved by AICTE and affiliated to Anna University, is an ISO 9001:2014 certified Institution accredited by NAAC with B++ Grade. The Institute provide scholarly and professional environment with quality education & skill oriented training that help students becoming best employable for Industries and professional entrepreneurs for the Nation. The Institute supports students’ creativity/innovations by establishing Scientific and Industrial Research Organization (SIRO), Women Technology Park (WTP), Centre for IIT Bombay Employability Skill Trainings, Business Incubation Centre (MSME BI), Innovation & Entrepreneurship Development Centre (IEDC) etc., for research and developments.

VISION

“To strive and achieve excellence in technical education and management with continuous applied research and development to create well groomed and responsible citizens who are dynamic, competent, innovative, eminent and delivery oriented engineers, technologists and management professionals to build a Brawny Nation.”

MISSION

PMC TECH will Endeavour

- ❖ High quality technical education by inculcating discipline, ethicality and personality development
- ❖ Knowledge based professionals out of youth from all walks of life and enrich their quality of life by empowering self and family
- ❖ Good Infrastructure for providing quality and quantity education, research and creativity progressively
- ❖ Integrate with industry, R&D and business organization by ensuring connectivity with the society in the vicinity
- ❖ An ultimate centre for state-of-art teaching and learning engineering and technology, research and management

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the academic year 2002-2003 & post graduate programme M.E., in Power Electronics and Drives in 2013. It has well equipped laboratories with a state of art Electrical Machines, Power electronics & Power System Simulation Lab equipped with software's such as MATLAB, PSIM, etc., Qualified and experienced faculty members have been involved in teaching and conducting various short term courses for the benefit of students. The Department initiates the U.G., & P.G., research projects in Embedded Systems, Power systems and Power Electronics through the IEDC and MSME which is based on the collaboration of institution & industry.

VISION

To develop eminent professionals in the field of Electrical and Electronics engineering by imparting quality education through industrial experiences, interdisciplinary research, innovation and group activity with ethical values and social concerns.

MISSION

- ❖ To impart quality education at global standard by experienced and qualified faculties in Electrical and Electronics Engineering bridging the gap between industry and academic requirements.
- ❖ To provide ambient circumstances and lab facilities which motivates the students to interpret theoretical concepts practically.
- ❖ To create centre of excellence in emerging areas of national importance with industry and university collaboration.
- ❖ To develop entrepreneurial skills among graduates and provide them with incubation assistance.



Message from Founder & Chairman

“The importance of education is to empower individuals to succeed in the future. Success may be calculated in terms of monetary & respect at work place. It is the duty of the educationists to support the real facts of life by connecting classroom lectures with real-life experiences. The system should include moral and ethical teaching helping students to grow up to be responsible global citizens.”

Nothing can surmount the feeling of satisfaction that we get while witnessing dreams being translated into reality. The dream to provide best Institutions specially facilitating & uplifting rural youths is being realized with the development of this Institution year after year. The Institutes exhibit continuous and dedicated efforts for quality education and hence in a very short span of time managed to carve a name in the state of Tamilnadu particularly maintaining high reputation in the region.

In PMC TECH, each new session comes with its own sets of achievement. The Institutions constantly looks for ways to improve the quality of education, provide practical as well as industry-driven programs and ensure a campus environment that’s optimal for learning. Inspiring faculty members and high-end infrastructure including digital and world class laboratories and a modernized digital library, placement drive, funded projects, well planned systemization of academic effort are just some of the things that set us apart from the others and unique credential to the Institution.

We feel happy when the bright and talented students perform remarkably well and serving their best to the society. However student from a rural background progresses steadily to best performance, moving towards excellence is our vision. The achievements of the students of this institution especially hailing from rural background stand testimony to the earnestness of the faculty and the quality of education that we have been providing and shall continue to do better in the ensuing years.

This Newsletter represents the collective work of the team.

I wish the Newsletter a grand success.

Best wishes to all.

Er. P. Perumal,
Founder & Chairman.



Message from Secretary

“Industry now needs engineering professionals with passion, systems thinking, an ability to innovate, an ability to work in multicultural environments, an ability to understand the business context of engineering, interdisciplinary skills, communication skills, leadership skills, an ability to adapt to changing conditions, and an eagerness for life long learning.”

Technology is changing today faster than any time in memory. This is attributed to the Global economic competition and rapid technical advancements. To be in tune with this changing scenario, we provide the right ambience to attain excellence in education through appropriate infra -structural facilities, combined with qualified and experienced faculty, well established Library and state of the art Laboratories. In this wide arena of competition, we would like to enable Engineering and Management candidates with more calibers and more innovation. We therefore dedicate ourselves to impart education not only with employability skills but also entrepreneurship programs and develop the students to be the professionals of current era that society recognize and acknowledge to be the greater citizen to our nation.

All the best!

Shri. P. Kumar,
Secretary & Correspondent



Message from Managing Trustee

“It is our venture, not only to make our students qualified and competent professionals, but also ensure education to be holistic in order to make them better human being, prepared for a mature life and make them aware of their responsibilities to the society and the nation.”

PMC TECH aims to mold and rise today’s youth as tomorrows innovators, technocrats, distinguished scientist, great engineers and highly talented professionals both in employability and entrepreneurship. Extending beyond education, this Institution actively support and catalyze the overall personality development of each student and prepare them to face the challenges of modernization and globalization and have a successful career in the present day competitive - knowledge based information society. We strongly believe education is a means of developing ones greatest ability, because in each of us, there is an in depth urge, hope and dream which on fulfillment, can be translated into benefit for everyone and greater strength to our society and nation.”

Best Wishes !

Smt. P. Mallar,
Trustee



Message from Managing Trustee

“Education is a complete world in itself, just yourself, your mind and thoughts and also your actions for attaining success you so desired to accomplish. It is a way of life almost for you are on your own, to ingest, digest and apply the knowledge consumed for betterment of society and nation.”

Technology can become the “wings” that will allow the educational world to fly farther and faster than ever before if we will allow it. Our focus is on providing an all-rounded educational experience to the students’ community. Imparting essential life skills that will equip students to face challenges in the real world, is just as important to us as offering them the very best education in streams of engineering and technology.

Best Wishes !

Smt. S. Sasirekha,
Trustee



From the Principal's Desk

“Hard work and transparent ethical practices of the faculty, coupled with creative intellect of the students help us to synergize the efforts of all the Departments to pursue the vision of a strong and vibrant Educational Institution in the region.”

PMC TECH - Engineering College ensures an erudite environment for every aspiring scholar. Our aim is not to create mere professionals, but world citizens who contribute in some way or the other to enhance the respective fields of Engineering, Technology and Management. To achieve this and enrich our students in bringing out their individual exemplary talents academically, co-curricular and extra-curricular activities we provide;

- ❖ Par excellence teaching through highly talented and professionally experienced faculty in the modern smart class rooms facilitating latest knowledge transmissions.
- ❖ Lush green environment, sophisticated infra-structure, world class laboratories & internet enabled libraries facilitating faculty & students to update their knowledge.
- ❖ Industry visits / Interactions, Training and Placement cell to ensure students excel not only academically but attain employability skills & get deserved employments.
- ❖ Support for students inventive ideas, research works, creative studies, project developments and live presentations with best possible support of the field experts.
- ❖ Project & startup supports with SIRO, IEDC, MSME, DST, WTP etc., and other platforms of IIT-Bombay, INFOSYS, WIPRO etc., benefitting faculty and student

Finally, my heartfelt regards to management, complements to our staff members and a warm welcome to new students assuring them a life-changing learning experience at PMC TECH. We will put the learner at the heart as “Education is our future. ”Education - Empowers individual, Benefits community.

Dr. S. Chitra,
Principal



Message From HOD

“First, believe in the world-that there is meaning behind everything”

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.

Best wishes

Mrs. G. Shasikala
HOD / Dept. of EEE

TECH EXPO – 2019

- Our Institution conducted two days Technical Exhibition on 31st January & 01st February 2019 in our college campus.
- Mr.B.Gangadhara Rao, IIGM- Bangalore.was the chief guest for the Tech Expo 2019 and he delivered a keynote address on Recent Developments in Engineering & Technology.
- Er.P.Perumal, Chairman, Smt.P.Mallar, Trustee, Er.P.Kumar, Secretary and Dr. S. Chitra, Principal, had present and felicitate the Inaugural Function.
- For Tech Expo 2019, EEE department had displayed 26 various innovative projects. About 9,000 students from various Colleges, Polytechnic and School had visited to this mega event to upgrade themselves.
- Among all the projects, three best projects have been selected and awarded with a cash prize of Rs.2500, Rs.2000 and Rs.1 500 with 1st, 2nd and 3rd respectively.





TECH EXPO 2K19 – PRIZE WINNERS

S.No	Name of the Students	Year/ Sem	Project Name	Prize
1	Naveen Kumar R	III/VI	Solar Based Thermo Cooler	FIRST
	Vijay Kumar M			
	Vijay.S			
	Ranjith Kumar K			
	Hariharan.S			
2	Mahesh Kumar.K	III/VI	Renewable Energy Resource	SECOND
	Sathish .V			
	Asif A			
	Vignesh. S			
	Aravindan.N			
3	Rajesh Kumar S	III/VI	Remote Control Home Based Application with Gas Detector	THIRD
	Hemanth Kumar U			
	Murali M			
	Raghul Harinivas.R			
	Adhisivan.M			
4	Lavanya M	III/VI	Level Controller and Brake Failure Indication	
	Bharathi N			
	Lokha Priya .K			
	Nivedha S			

IEDC PROJECTS

IEDC Project presentation for the academic year 2018 - 2019 was held on 24.01.2019 at IEDC Seminar hall. Our department II year students had presented the project titled **“DEVELOPMENT OF PREHEATER FOR CHOCOLATE 3D PRINTER”** and this project has been selected for further financial assistance. Our department final year students had demonstrated the project titled “Certain Improvement in Capsicum Green House Farming Using Robot”.

S.No	Name of the students	Year/ Sem	Title of the Project	Guide Name	Photo
1	Pagalavan.V Praveen.S Sakthivel.M Arunkumar.R Arunpandi.P	II/IV	Development of Preheater For Chocolate 3d Printer	A.Rajapandiyan AP/EEE	
2	Soundarya.K Harish.R	IV/VIII	Certain Improvement in Capsicum Green House Farming Using Robot		

PROJECT EXPO

Our department students had presented their projects in National Level Project Expo held at Hyderabad and Kerala and won a cash prize of Rs. 15,000/-.

PROJECT EXPO						
S.No	Name of the student	Year/ Sem	Title	Organisation/ College in which participated	Date	Prize
1.	R.Jishnu	IV/VIII	Anveshana Science Fair- 2019	Agasthiya International Foundation, Hyderabad	29.01.19 to 31.01.19	IV (Cash Prize Rs.15,000/-)
2	J.Roche Antony Raj					
3	R.Jishnu	IV/VIII	SRISHTI 2019	SAINTGITS College of Engineering, Kerala	18.02.2019 to 19.02.2019	-
4	J.Roche Antony Raj					
5	D.Vinothkumar					
6	P.Sakthivel					
7	R.Harish					
8	N.Naveenkumar	III/VI	PROJECT EXPO 2019	Bishop Jerome Institute of Technology, Kerala	18.02.2019 to 19.02.2019	-
9	Vijayakumar					
10	Ranjithkumar					



WORKSHOP

S.No	Date	Year/ Sem	Title of the Event	Chief Guest/Speakers	No. of Participants
1	05.09.18 & 06.09.18	II/III	PCB design & Fabrication	Mr.R.Pandiyan, <i>Managing Director, Alpha Beta solution, Madurai.</i>	53
2	10.09.18 & 11.09.18	IV/VII	Embedded system design using 8051 Microcontroller	Mr.Rajamanickam, <i>Senior Industrialist, Bits n watts, Chennai.</i>	40
3	03.01.19 & 04.01.19	III/VI	Real time Solar Panel Application	Mr.Madhankumar, Manager, <i>Power Integrated Solutions, Trichy</i>	44

INDUSTRIAL VISIT

S.No	Date	Year/ Sem	Organisation Visited With Address	No. of Students
1	28.09.18	IV /VII	Electronica India @ Banagalore	40
2		III/V		44
3		II/III		53

INTERNATIONAL GUEST LECTURE

S.No	Date	Year/ Sem	Topic	Details of Resource person	No of students
1	10.10.2018 FN	IV/VII	Global Prospects on Renewable Energy	Mr.Khor Hai Pu, <i>Managing Director, Gold Palm Global Bhd, Malaysia.</i>	40
		III/V			44
		II/III			53

GUEST LECTURE

S.NO	Date	Year/ Sem	Subject Name	Details of Resource person	No of students
1	27.08.2018	IV/VII	Microcontroller Based System Design	Dr.B.Thiyaneswaran, Associate Professor, Dept. of ECE, Sona College of Technology, Salem.	40
	01.10.2018				
2	04.08.2018	III/V	Control Systems	Mr.Sundaravadivel, Associate Professor, Dept. of EEE, KSR college of Engineering, Tiruchengode.	44
	27.09.2018				
3	04.08.2018	II/III	Digital Logic Circuits	Dr.S.Albert Alexander, Associate Professor, Dept. of EEE, Kongu Engineering College, Perundurai.	53
4	25.08.2018	II/III	Electromagnetic Theory	Mr.Sree Southry, Assistant Professor, Dept. of ECE, Sona College of Technology, Salem.	53
	01.10.2018	IV/VII			

STUDENT'S PARTICIPATION, PRESENTATION & PUBLICATION 2018-2019

WORKSHOP

S.No	Name of the student	Year/ Sem	Title	Organisation/ College in which participated	Date
1	I.Ashwaq Basha	IV/VII	Arduino in Robotics	Coimbatore Institute of Technology, Coimbatore.	31.08.18
2	N.Naveenkumar				
3	S.Sathishkumar				
4	N. Aravind	III/V	Emerging Technologies in instrumentation & Power station	National Power Training Institute, Neyveli.	20.09.18
5	M.Chinnagurappa				
6	M.Shyam Aravind				
7	N.Aravind	III/VI	Ignite 2K18	Atel Tinkering Lab	05.12.18 To 06.12.18

PAPER PRESENTATION

S.No	Name of the student	Year/ Sem	Title	Organisation/ College in which participated	Date
1	S.Nivedha	III/V	Paper Battery	Sri Sairam College of Engineering, Bangalore	31.08.18
2	M.Lavanya	III/V	Organic Light Emitting Diode	Sri Sairam College of Engineering, Bangalore	31.08.18
3	S.Deekshitha	II/III	Quick charger	Sri Sairam College of Engineering, Bangalore	31.08.18
4	M.Divya				
5	N.Afzal	II/III	Modern Technology	Sri Sairam College of Engineering, Bangalore	31.08.18
6	Sakthivel	II/III	Technology Today	Sri Sairam College of Engineering, Bangalore	31.08.18
7	Yuvanshankar				
8	N.Naveenkumar	IV/VII	Luggage Tracking Theft Prevention using IOT	Government College of Engineering, Bargur	27.09.18
9	R.Ravikumar				
10	G.Swetha	IV/VII	Smart Garbage Bin	Government College of Engineering, Bargur	27.09.18
11	A.Sreenithi				
12	B.Arunadevi	IV/VII	Wireless Power Transmission for mobile and Wheelchair Charging of Physically Challenged People.	Government College of Engineering, Bargur	27.09.18
13	K.Chitra				
14	M.Rahila Thaslim	II/IV	Power Transform wireless using Solar Cell	Jayalakshmi Engineering College	19.02.19
	E.Ashwini				
	S.Sasi				
15	K.Murali	II/IV	Space Based Solar Power	Jayalakshmi Engineering College	19.02.19
	M.Selvakumar				
	P.Arunpandi				
16	N.Nivetha	III/VI	Floating Power Plants	Jayalakshmi Engineering College	19.02.19
	S.Keerthana				
	K.Vinitha				
17	M.Rekha	III/VI	Nuclear Battery	Jayalakshmi Engineering College	19.02.19
	K. Vinutha				
	R.Pavithra				

SEMINAR

S.No	Date	Year/ Sem	Topic	Details of Resource person	No of students
1	15.09.2018	IV/VII	Technical Seminar on PLC & Industrial Automation	Mr.RJayaraman, <i>Deputy Manager,</i> <i>Easun Reyrole Pvt Ltd, Hosur.</i>	40
		III/V			44
		II/III			53
2	25.01.2019	IV/VIII	Technical Seminar on Smart Grid & Cyber Security	Mr.G.Pandiyan, <i>Joint Director, HOD,</i> <i>Electrical Maintenance Division,</i> <i>Central Power Research Institute,</i> <i>Bangalore.</i>	40
		III/VI			44
		II/IV			53

VALUE ADDED COURSE

S.No	Student Name	Year/ Sem	Date	Title of the Course	Details of Resource Person
1	Anand.K	II/IV	03.12.18 to 08.12.18	Crash Course on AUTO CAD ELECTRICAL	Mr.C.Rajesh <i>Trainee Engineer</i> <i>HSR CAD College</i> <i>Hosur</i>
2	Ashok.G				
3	Ashwini.E				
4	Deekthitha.S				
5	Kesavan.N				
6	Mohammed Suhail				
7	Pagalavan V				
8	Rahilathaslim.M				
9	Sakthivel .M				
10	Sangari.S				
11	Sindhupriya. T				
12	Yugadharshini.B				
13	Ajith Kumar.R				
14	Arun Kumar.R				
15	Arunpandi.P				
16	Deepaarasana.A				
17	Deepika.J.M				
18	Hayagreeva.R				
19	Jeniton.A				
20	Murali.K				
21	Santhosh Kumar.G				
22	Selvakumar				

INPLANT TRAINING

S.No	Student Name	Year/ Sem	Company Name	Training Period
1	Bharathi.S	II/III	Aditya Birla Pvt Ltd, Hosur	29.06.2018 & 30.06.2018
2	Deekshitha.S			
3	Sasi.S			
4	Sankari.S			
5	Vishnupriya. N			
6	Yugadharshini.B			
7	Jishnu.R	IV/VIII	Uniq Technologies, Chennai	21.05.2018 to 31.05.2018
8	N.Naveenkumar	IV/VIII	Tamilnadu Generation And Distribution, Namakkal.	18.06.2018 to 22.06.2018
9	Ashok.G	II/IV	One Yes Technologies, Chennai	16.11.2018 to 21.11.2018
10	Gurumurthy.V	IV/VIII	Indigo Motors	10.12.2018 to 14.12.2018
11	Ganeshkumar.R	IV/VIII	Tamil Nadu Generation & Distribution Corporation Ltd	10.12.2018 to 14.12.2018
12	Sasikumar.S	IV/VIII		
13	Sarath.A	IV/VIII		
14	Sri Vishnu Priya.N	II/IV	Power Tech Products	10.12.2018 to 15.12.2018
15	Ashwini.E	II/IV	OJUS Power and Technologies Pvt.Ltd.	11.12.2018 to 15.12.2018
16	Sasi.S	II/IV		
17	Sankari.S	II/IV		
18	Bharathi.S	II/IV		
19	Dhileep.K	II/IV		
20	Sundar.M	II/IV		
21	Kesavan.N	II/IV		
22	Logesh.M	II/IV		
23	Thirumalesh.M	II/IV		
24	Saravanan.V	II/IV		

EVENTS

S.No	Name of the student	Year/ Sem	Title	Organisation/ College in which participated	Date
1	M.Divya	II/III	Conundrum	Sri Sairam College of Engineering, Bangalore	31.08.18
2	S.Sathishkumar	IV/VII	Circuit Debugging	Government College of Engineering, Bargur	27.09.18
3	S.Sasikumar				
4	S.Sathishkumar	IV/VII	Non Technical	Government College of Engineering, Bargur	27.09.18
5	S.Sasikumar				

SYMPOSIUM

S.No	Title of The Event	Date	Chief Guest/Speakers	No. of Participants
1	POWERGLITZ-18	17.09.2018	Mr. Dr.A.Nazar Ali, <i>Associate Professor,</i> <i>Rajalakshmi Engineering College,</i> <i>Chennai.</i>	50

NATIONAL CONFERENCE 2K19

S.No	Title of The Event	Date	Chief Guest/Speakers	No. of Participants
1	Emerging Trends In Renewable Energy, Power Quality & Optimization Techniques (ETREPQOT-2K19)	25.02.2019	Dr.P.Sivakumar, Assistant Professor, Rajalakshmi Engineering college, Chennai.	50

TECH EXPO 2K19

S.No	Title of The Event	Date	Chief Guest/Speakers	No. of Participants
1	TECHEXPO-2K19	31.01.19 & 01.02.19	Mr.B.Gangadhara Rao, <i>IIGM- Bangalore.</i>	84

STUDENT CONFERENCE

S.No	NAME OF THE STUDENT	EVENT	TOPIC	COLLEGE IN WHICH PARTICIPATED	DATE
1	Aarthi.C	National Conference	Individual Phase Current Control based on Optimal Zero Sequence Current Separation for a Star Connected Cascade STATCOM under Unbalanced Condition	Muthyammal College of Engineering	28.03.18
2	Anupriya.M	National Conference	A Versatile Unified Power Quality Conditioner applied to Three -Phase Four -Wire Distribution Systems using a Dual Control Strategy	Muthyammal College of Engineering	28.03.18
3	Govindaraj.R	National Conference	Optimum PWM Technique for H-Bridge Cascade 7-Level Inverter for Reduced Number of Switches	Dr.NGP Institute of Technology	09.03.18
4	Kalaichelvi.R	National Conference	Three Phase Boost Rectifier for Power Factor Correction in Continous Conduction mode(CCM)	Hosur Institute of Technology	09.03.18
5	Kayalvizhi.N	National Conference	Single Phase Inverter based Load Unbalanced Compensator for Standalone Microgrid	Hosur Institute of Technology	09.03.18
6	Kirankumar.K	National Conference	Adaptive Fuzzy Logic Control Techniques for Boost Inverters	Dr.NGP Institute of Technology	09.03.18
7	Manjushree kumari.J	National Conference	High Speed Hardware Efficient PID Controller for Micro Air Vechicle on FPGA	Hosur Institute of Technology	09.03.18
8	Sasikumar.K	National Conference	Soft Switched based High Boost DC-DC converter for Electric Voltage Applications	Muthyammal College of Engineering	28.03.18

EEE ACADEMIC ACHIEVERS

S.No	Year/ Sem	Reg. Number	Student Name	CGPA	Position Held
Odd Semester (2018-2019)					
1	IV/VII	610815105007	Chitra.K	8.86	FIRST
2		610815105025	Soundarya.K	8.29	SECOND
3		610815105004	Arunadevi.B	7.86	THIRD
4	III/V	610816105016	Lavanya M	9.0	FIRST
5		610816105022	Nivedha S		
6		610816105014	Karthika N	8.6	SECOND
7		610816105030	Shanmugapriya.V	8.2	THIRD
Even Semester (2017 –2018)					
1	IV/VIII	610814105028	Sudha S	9.6	FIRST
2		610814105021	Praveena M	9.4	SECOND
3		610814105022	Prithiya B		
4		610814105001	Abubakkar Siddig U	9.2	THIRD
5		610814105016	Manjusree S		
6		610814105027	Suchithra A		
7	III//VI	610815105025	Soundarya.K	8.9	FIRST
8		610815105007	Chitra.K	8.7	SECOND
9		610815105014	Mamtha.M	8.3	THIRD
10	II/IV	610816105022	Nivedha S	9.00	FIRST
11		610816105016	Lavanya M	8.500	SECOND
12		610816105003	Anushiya.P	8.3	THIRD
13		610816105013	Jansirani.S		
14		610816105030	Shanmugapriya.V		

STUDENT ACHIEVEMENTS-CO-CURRICULAR

S.No	Name of the student	Year/ Sem	Achievement	Organisation/ college in which participated	Date	Prize
1	S.Nivedha	III/V	Paper Presentation - Paper Battery	Sri Sairam College of Engineering, Bangalore	31.08.18	I
2	S.Nivedha	III/V	Event - Conundrum	Sri Sairam College of Engineering, Bangalore	31.08.18	I
3	M.Lavanya					
4	R.Jishnu	IV/VIII	Project Expo - Anveshana Science Fair-2019	Agasthiya International Foundation, Hyderabad	29.01.19 to 31.01.19	IV (Cash Prize Rs.15,000/-)
5	J.Roche Antony Raj					
6	K.Vinitha	III/VI	Event-Adsup	Jayalakshmi Engineering College, Thoppur.	19.02.19	I

STUDENT ACHIEVEMENTS – EXTRA CURRICULAR (EXTERNAL)

6	Y.Bhavani	III/V	Sports - Discuss Throw	Adhiyaman College of Engineering, Hosur.	26.09.18 & 27.09.18	I
7	K.Soundarya	IV/VII	Sports - Javelin	Adhiyaman College of Engineering, Hosur.	26.09.18 & 27.09.18	II
8	Y.Bhavani	III/V	Sports - Javelin	Adhiyaman College of Engineering, Hosur.	26.09.18 & 27.09.18	III

STUDENT ACHIEVEMENTS – EXTRA CURRICULAR (INTERNAL)

9	Y.Bhavani	III/VI	Sports-Shotput	Er.Perumal Manimekalai College of Engineering	26.09.18 & 27.09.18	I
10	K.Soundarya	IV/VIII	Sports-Shotput	Er.Perumal Manimekalai College of Engineering	16.02.19	II
11	Y.Bhavani	III/VI	Sports-Discuss Throw	Er.Perumal Manimekalai College of Engineering	26.09.18 & 27.09.18	I
12	Y.Bhavani	III/VI	Sports - Javelin	Er.Perumal Manimekalai College of Engineering	26.09.18 & 27.09.18	I

STUDENT ACHIEVEMENTS – EXTRA CURRICULAR (INTERNAL)

13	K.Soundarya	IV/VIII	Sports - Javelin	Er.Perumal Manimekalai College of Engineering	16.02.19	II
14	K.Soundarya Y.Bhavani N.Nivetha M.Rekha	IV/VIII & III/VI	Sports – Relay	Er.Perumal Manimekalai College of Engineering	16.02.19	III
15	R.Pavithra Y.Bhavani	III/VI	Sports-Badmitton	Er.Perumal Manimekalai College of Engineering	16.02.19	I
16	K.Soundarya	IV/VIII	Sports – Table Tennis	Er.Perumal Manimekalai College of Engineering	16.02.19	II
17	K.Soundarya Y.Bhavani	IV/VIII	Sports – Table Tennis (Doubles)	Er.Perumal Manimekalai College of Engineering	16.02.19	II
18	S.Jansirani	III/VI	Chess	Er.Perumal Manimekalai College of Engineering	16.02.19	I
19	J.Roche Antony Raj	IV/VIII	Sports-Discuss Throw	Er.Perumal Manimekalai College of Engineering	16.02.19	I
20	J.Roche Antony Raj	IV/VIII	Sports-Shotput	Er.Perumal Manimekalai College of Engineering	16.02.19	I
21	J.Roche Antony Raj	IV/VIII	Sports-Carrom	Er.Perumal Manimekalai College of Engineering	16.02.19	I

PARTICIPATION OF STAFF IN CONFERENCE, WORKSHOP, TECHNICAL EXHIBITIONS

PARTICIPATION OF STAFF – INTERNAL 2018-2019				
S.No	NAME OF THE FACULTY	EVENT	COLLEGE IN WHICH PARTICIPATED	DATE
1	Mrs.G.Shasikala	FDP-Communicative English	Er.Perumal Manimekalai College of Engineering	01.07.18 to 20.07.18
2	Mr.S.Devaraj			
3	Mr.M.Sahithullah	I'm My Attitude and Mind Set	Er.Perumal Manimekalai College of Engineering	05.10.18 & 06.10.18
4	Mrs.G.Shasikala			
5	Mr.M.Sahithullah	NBA Awareness Program-1	Er.Perumal Manimekalai College of Engineering	17.11.18
6	Mrs.G.Shasikala			
7	Mrs.S.Meena Kumari			
8	Mr.S.Devaraj			
9	Mr.T.Senthil Kumar			
10	Mr.R.Vinoth			
11	Mrs.L.Maheswari			
12	Ms.R.M.Madhumathi			
13	Mr.A.Rajapandiyan			
13	Mr.M.Sahithullah			
14	Mrs.G.Shasikala			
15	Mrs.S.Meena Kumari			
16	Mr.S.Devaraj			
17	Mr.T.Senthil Kumar			
18	Mr.R.Vinoth			
19	Mrs.L.Maheswari			
20	Ms.R.M.Madhumathi			
21	Mr.A.Rajapandiyan			
22	Mrs. L.Maheswari	FDP- Research Data Analysis Using SPSS	Er.Perumal Manimekalai College of Engineering	15.12.18
23	Mrs. S.Meenakumari			
24	Mrs.G.Shasikala	NBA Awareness Program-2	Er.Perumal Manimekalai College of Engineering	29.12.18
25	Mr.M.Sahithullah			
26	Mrs.G.Shasikala			
27	Mr.S.Devaraj			
28	Mrs.L.Maheswari	NBA Awareness Program-3	Er.Perumal Manimekalai College of Engineering	06.02.19
29	Mr.M.Sahithullah			
30	Mrs.G.Shasikala			
31	Mr.S.Devaraj			
32	Mrs.L.Maheswari			

PARTICIPATION OF STAFF – EXTERNAL 2018-2019

S.No	Name of the Faculty	Event	Topic	College Or Organization in Which Participated	Date
1	Mr.S.Devaraj	Conference	Bridge 2018	ICT Academy, Bengaluru.	26.09.18
2	Mrs.G.Shasikala	Conference	QCFI	TVS, Hosur	07.10.18
3	Mrs.G.Shasikala	Seminar	Kanavu Meipada	Sudappa Residency, Hosur.	24.11.18
4	Mrs.S.Meenakumari				
5	Mr.T.Senthilkumar				
6	Mr.S.Devaraj				
7	Mr.R.Vinoth				
8	Mrs. L.Maheswari	Seminar	Green conclave	Sivaranjani Resedency, Hosur.	01.12.18
9	Mrs. L.Maheswari				
10	Mr.M.Sahithullah	Spoc-Meeting	A Project of NPTEL Under NMEICT, MHRD	IIT-Madras , Chennai	19.01.19
11	Mr.A.Rajapandiyan	Project Expo	Anveshana Science Fair-2019	Agasthiya International Foundation, Hyderabad	29.01.19 to 31.01.19

GRADUATION DAY - 2018

S.No	Name of the Student	No of Graduates (2013-2017)
1.	Mr.D.Uma Maheswar, Executive Chief Consulting Engineer, GE Aviation-India, John F Welch Technology Centre.	62



LIST OF CONFERENCES

S.No	NAME OF THE STUDENT	EVENT	TOPIC	COLLEGE IN WHICH PARTICIPATED	DATE
1	Mrs.S.Meenakumari	National Conference	Individual Phase Current Control based on Optimal Zero Sequence Current Separation for a Star Connected Cascade STATCOM under Unbalanced Condition	Muthyammal College of Engineering	28.03.18
2	Mrs.L.Maheswari	National Conference	A Versatile Unified Power Quality Conditioner applied to Three -Phase Four -Wire Distribution Systems using a Dual Control Strategy	Muthyammal College of Engineering	28.03.18
3	Mr.A.Rajapandiyan	National Conference	Optimum PWM Technique for H-Bridge Cascade 7-Level Inverter for Reduced Number of Switches	Dr.NGP Institute of Technology	09.03.18
4	Ms.R.M.Madhumathi	National Conference	Three Phase Boost Rectifier for Power Factor Correction in Continuous Conduction mode(CCM)	Hosur Institute of Technology	09.03.18
5	Mr.S.Devaraj	National Conference	Single Phase Inverter based Load Unbalanced Compensator for Standalone Microgrid	Hosur Institute of Technology	09.03.18
6	Mr.R.Vinoth	National Conference	Adaptive Fuzzy Logic Control Techniques for Boost Inverters	Dr.NGP Institute of Technology	09.03.18
7	Mrs.S.Meenakumari	National Conference	High Speed Hardware Efficient PID Controller for Micro Air Vehicle on FPGA	Hosur Institute of Technology	09.03.18
8	Mr.T.Senthilkumar	National Conference	Soft Switched based High Boost DC-DC converter for Electric Voltage Applications	Muthyammal College of Engineering	28.03.18

PLACEMENT CELL

EEE department always believe in equipping students with the right talent and personality to face the industry requirements.

Our focus on appropriate training through interval as well external resources exploring/creating new approaches on placement to attract the best from the industry, have given astounding results.

Placement had never been 'a mere annual ritual'; timely training and timely liaison with industries is taken care to ensure for 'showcasing the very best in our young engineers to the industrial world'.

EEE Department, the Placement and training cell and selectively developed personnel functions with the primary aim of placing students in top-notch companies.

The Department deployed team goes all out to train the students to meet the high industry expectations and attained a creditable record of placement of its final year EEE students.

Finally, a notable fact is, about 85% of eligible final year EEE students seeking placement are already placed with reputed organization even before their completion of the course.

The following is the placement record of the Department of EEE for the past few years

ACADEMIC YEAR	NO OF STUDENTS PLACED
2014-2015	58
2015-2016	61
2016-2017	51
2017-2018	28
2018-2019*	34

(* As on March 2018)

PHOTO GALLERIES

WORKSHOP

PCB DESIGN & FABRICATION



Two Days workshop on **"PCB Design & Fabrication"** was conducted on **05.09.2018 & 06.09.2018** with II year students of EEE department.

Resource Person : **Mr.R.Pandiyan**, Managing Director, Alpha Beta Solution, Madurai.

REAL TIME SOLAR PANEL APPLICATION



Two Days workshop on **"Real time Solar Panel Application"** was conducted on **03.01.2019 & 04.01.2019** with III year students of EEE department.

Resource Person : **Mr.Madhankumar**, Manager, Power Integrated Solutions, Trichy.

EMBEDDED SYSTEM DESIGN USING 8051 MICROCONTROLLER



Two Days workshop on **“Embedded system design using 8051 Microcontroller”** was conducted on **10.09.2018 & 11.09.2018** with IV year students of EEE department.

Resource Person : **Mr. Rajamanickam**, Senior Industrialist, Bits n watts, Chennai.

INDUSTRIAL VISIT

ELECTRONICA INDIA 2018



All students of EEE had visited **“ELECTRONICA INDIA 2018”** located at Bangalore on 28.09.2018 with six faculty members. They had seen the various components of recent developments in electronic components, Transformer, Meters, Relays, Circuit Breaker, etc., It was an informative, interesting and a successful visit which make the students to know about the recent developments in electronics industry.

GUEST LECTURE

GLOBAL PROSPECTS ON RENEWABLE ENERGY



One Day guest lecture on "**Global Prospects on Renewable Energy**" was conducted on 10.10.2018 with all the students of EEE department.

Chief Guest : **Mr.Khor Hai Pu**, Managing Director, Gold Palm Global Bhd, Malaysia.

MICROCONTROLLER BASED SYSTEM DESIGN



One Day guest lecture on "**Microcontroller based System Design**" was conducted on 27.08.2018 with the final year students of EEE department.

Chief Guest : **Dr.B.Thiyaneswaran**, Associate Professor, Dept. of ECE, Sona College of Technology, Salem.

CONTROL SYSTEMS



One Day guest lecture on "**Control Systems**" was conducted on 04.08.2018 with the third year students of EEE department.

Chief Guest : **Mr.Sundaravadivel**, Associate Professor, Dept. of EEE, KSR college of Engineering, Tiruchengode.

DIGITAL LOGIC CIRCUITS



One Day guest lecture on "**Digital Logic Circuits**" was conducted on 04.08.2018 with the second year students of EEE department.

Chief Guest : **Dr.S.Albert Alexander**, Associate Professor, Dept. of EEE, Kongu Engineering College, Perundurai.

ELECTROMAGNETIC THEORY



One Day guest lecture on “ **Electromagnetic Theory**” was conducted on 25.08.2018 with the second year students of EEE department.

Chief Guest : **Mr.Sree Southry**, Assistant Professor, Dept. of ECE, Sona College of Technology, Salem.

SEMINAR

TECHNICAL SEMINAR ON PLC & INDUSTRIAL AUTOMATION



One Day guest lecture on “**Technical Seminar on PLC & Industrial Automation**” was conducted on 15.09.2018 with all the students of EEE department.

Chief Guest : **Mr.R. Jayaraman**, Deputy Manager, Easun Reyrole Pvt Ltd, Hosur.

TECHNICAL SEMINAR ON SMART GRID & CYBER SECURITY



One Day guest lecture on “ **Technical Seminar on Smart Grid & Cyber Security**” was conducted on 25.01.2019 with all the students of EEE department.

Chief Guest : **Mr.G.Pandiyan**, Joint Director, HOD, Electrical Maintenance Division, Central Power Research Institute, Bangalore.

SYMPOSIUM



A National Level Technical Symposium on “**ELECTRICKS 2K18**” was conducted on 17.09.2018 with II, III and IV year students of EEE department. 26 batches of participants from various engineering colleges around the Hosur, Salem, Thirupathur were participated.

Chief Guest : **Mr. Dr.A.Nazar Ali**, Associate Professor, Rajalakshmi Engineering College, Chennai.

Students Achievement's @ Outside the College





Receiving Academic Achiever's Award



Celebrating Engineers Day



Corporate Connect Programme



QCFI Presentation @ TVS



FDP on IOT & its Applications



NBA Awareness Meeting



ATAL TINKERING LAB @ Govt Boys Hr.Sec School, Bagalur



FDP on Communicative English

LAB GALLERY



Machines Laboratory



Measurements & Instrumentation Laboratory



Control System Laboratory



Electric Circuits Laboratory



Engineering Practices Laboratory



Power Electronics & Drives Laboratory



Power System Simulation Laboratory



EEE FAMILY



II YEAR EEE



III YEAR EEE



IV YEAR EEE



Er. PERUMAL MANIMEKALAI POLYTECHNIC & ENGINEERING COLLEGE

Accredited by NAAC with 'B++' Grade / An ISO 9001:2015 Certified Institution

www.pmctech.org

▶ ENGINEERING COLLEGE

B.E. AERO | CIVIL | CSE |
ECE | EEE | MECH |
MECHATRONICS | IT

M.E. AERO | APPL. ELECTRONICS | CSE |
ENGG. DESIGN | POWER ELECT. & DRIVES
MBA | MCA

Research Centres

Ph.D Computer Science & Engineering
Management Studies

▶ POLYTECHNIC COLLEGE

Diploma CHEMICAL | CIVIL | CSE | ECE | EEE |
MECH | MECH (T&D) | E-ROBOTICS

▶ INDUSTRIAL TRAINING INSTITUTE

▶ MATRICULATION SCHOOL



NH-7, 17th Km, Hosur - Krishnagiri Highways, Koneripalli, HOSUR - 635 117.