

PMC - EEE

ANNUAL NEWS LETTER

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EDITOR

Mrs. R. UMAMAHESWARI, M.E.,

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Mr. N. RAMKI, M.E.,

BRIEFING ABOUT THE INSITUTION

Er. Perumal Manimekalai Group of Institutions (PMC TECH) consists of Engineering College, Polytechnic, ITI and Matriculation School, were established in the year 1996. Sri. Er. Perumal, B.E, M.I.E, FIV, was the founder of the Institution and holding the position as Chairman ever since inception of the Institution. The Institutions were sponsored by Er.Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamil Nadu. PMC TECH, remained to be 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.

OUR ENGINEERING COLLEGE AT A GLANCE

Er. Perumal Manimekalai College of Engineering, established in the academic year 2002-2003 is approved by All India Council of Technical Education (AICTE), affiliated to Anna University and accredited by NAAC with 'B++' Grade. PMC TECH creates unique opportunities, affords individualized educational challenges, promotes high order thinking skills and maintains a strong tradition of academic excellence for the students.

The College is equipped with world class infrastructure, highly qualified and well experienced faculty members for grooming the student's proficiency in their subjects. On the other side an active training cell is acquainting the students with essential soft skills so that finally the placement cell successfully carry out placements on the expert guide of our principal.

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 2013-2014. 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 OF THE DEPARTMENT

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 concern.

MISSION OF THE DEPARTMENT

- ❖ 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 centers of excellence in emerging areas of national importance with industry and university collaborations.



Chairman Message

“Maintained next in importance to freedom and justice is popular education, without which neither freedom nor justice can be permanently maintained”

The pride of every student and staff would be in his/her college. A college may reach heights of glory but without materials like a college newsletter, the outside world may not know of it.

The role of a college newsletter is therefore vital in promoting what an institution offers. It brings out into the open things hitherto unrevealed. It brings to light the names of the unsung heroes and their mighty deeds.

I am happy that there is a dedicated team of staff and students who have brought out the Newsletter of EEE department of our college. They have presented the stupendous achievements of PMC tech students in the fields of academics, research, sports and extra-curricular activities, in a nice way.

This Newsletter represents the collective work of the team.

I wish the Newsletter a grand success.



Secretary Message

“ Education is a better safeguard of liberty than a standing army”

A weak link is better than a strong memory. Nothing exemplifies it better than the nostalgic feeling one gets when leafing through the dusty old pages of his/her college newsletter.

It can make a reader travel down the lanes of memory, giving rise to a surge of emotions of many hues and colors.

Department of EEE newsletter is going to give the same pleasure to all the brilliant minds who traverse through the portals of this temple of learning.

I am happy to see the amount of enthusiasm of eminent members of the college to contribute to the newsletter. Not to be outdone, our students have devoted time and plunged into creating powerful ideas, vivid drawings and informative articles and achievement in sports.

I stand awed by the sheer number of articles that have come pouring in for the newsletter. This shows the positive and creative energy of faculty members and students present in the college.

PMC Tech intend to continue presenting the talent and creativity of our staff and students through EEE department Newsletter every year.

I invite you to read and immerse yourself in the unfolding art and be exulted.



Trustee's Message

“Education is the manifestation of the perfection which is already in man”

Er. Perumal Manimekalai College of Engineering has always been striving to keep itself ahead of the competition and the results are now for everyone to see.

The essential purpose of a college newsletter is to inform, engage, inspire and entertain a diverse readership - including alumni, parents, students, faculty, staff and other friends of the college - by telling powerful stories that present a compelling, timely and honest portrait of the college and its extended family.

This newsletter has made an earnest attempt in this direction and brought out certain aspects of the college to the eyes of the public so that they may understand and know the college even better.

I am sure the college will scale even greater heights in the years to come and serve many more millions in the society.

“Education is not all about studying and getting good marks. it is really a means discover new things which we don't know about and increase our knowledge”

An educated person as the ability differentiate between right and wrong or good and evil.

A person become perfect with education as he is not only gaining something from it, but also contributing to the growth of a nation therefore it is foremost responsibility of a society to educate its citizen and PMC TECH goes a step further by ensuring that its students surmount in their field of studies. This is possible but because of these best efforts of the Department concerned and obviously exhibiting there development activities as newsletter is most welcome and my complements to EEE department.



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Principal's Message

“Education is the most powerful weapon which you can change the world”

It is a great pleasure to see the creative expressions of students who had contributed to EEE department newsletter. PMC Tech has grown abundantly in the recent past. It continues to sustain its growth. People reading this newsletter will realize the tremendous changes that are happening in the PMC Tech campus. The newsletter is presenting a glimpse of the growth of the institution on many fronts.

The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students and staff. The highly qualified and dedicated members of staff have always stood shoulder with the management and have carried out their duties with a level of commitment.

This EEE department newsletter has recorded achievements such as: conferences attended by staff members and students, competitions won by the hugely talented students, innovative projects carried out by students with the guidance of staff, among others.

They stand as a witness to the monumental efforts taken by the management to make the college a center of excellence in education and research.

I wish the management, staff and students of the college success in their future endeavors.



HOD's Message

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

I am happy to note that the department newsletter brought out in our college is of good quality and taste. Hearty congratulations to the editorial team to bring out effective newsletter 2017.

It is a matter of great pleasure for me to go through the wonderful contributions made by the students. This newsletter is intended to bring out the hidden literary talents in the students and the teachers and to inculcate leadership skills among them.

The outside world will come to know about the caliber of the students and the faculty through this newsletter.

I extend my thanks to all the contributors for their articles, achievements and drawing.

TECH EXPO – 2018

Our Institution conducted two days Technical Exhibition on 22 & 23 February 2018 in our college campus.

Dr. VenkateswarluKarodi, Principal Scientist, Material Science Division, National Aerospace Laboratories, Bangalore was the chief guest for the Tech Expo 2018 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 2018, EEE department had displayed 23 various innovative projects. About 7,000 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.1500 with 1st, 2nd and 3rd respectively.



Department Level Prize

S.No	Name	Year/Sem	Project Title	Prize
1.	Jishnu .R Ashwaq Basha .I Naveen Kumar .N SathishKumar .S VinothKumar .D Roche Antony Raj.J Sakthivel.P	III/VI	Luggage Tracking & Theft Protection	I
2.	Vijaya Kumar .M Naveen Kumar .R RanjithKumar .K Hariharan .S Abdul Kareem Sherif Vijay .S	II/IV	Line Tracking Robot and Home Thermo Cooler	II
3.	Karthick .S Arul Kumar .M VigneshSingh .P.R Dhandapani .A Aravindan .G	III/VI	Hybrid Power Generation	III

WORKSHOP

S.No	Date	Year/ Sem	Title of the Event	Chief Guest/Speakers	No. of Participants
1.	27.07.17 & 28.07.17	II/III	PLC & Automation	Mr.P.Rajasekar, <i>Project Manager, Raana Power Solutions, Bangalore.</i>	45
2.	28.7.17 & 29.7.17	III/V	Real Time Solar Panel Applications	Mr.Madhankumar, <i>Sr.Engineer, Power Integrated Solutions, Tirchy</i>	41
3.	10.08.17 & 11.08.17	IV/VII	Embedded System Design using Microcontroller	Mr.Rajamanickam, <i>Bits n watts, Chennai.</i>	42
4.	22.01.18 to 24.01.18	III/V	Power System Analysis, operation & Control Using ETAP Software	Er.S. Selvakumar, <i>Senior Engineer, ABB Chennai.</i> Mr. Ezhil Aniruthan & Mr.S Prasanth, <i>Engineer, Power Research & Development Consultants Pvt. Ltd, Bengaluru.</i>	54

INDUSTRIAL VISIT

S.No	Date	Year/ Sem	Place Visited	No. of Students
1.	16.08.17	IV /VII	Central Power Research Institute (CPRI), <i>Bangalore.</i>	42
2.	21.08.17	IV/VII	Tuticorin Thermal Power Plant, <i>Tuticorin.</i>	29
3.	18.09.17	III/V	230/110 KVA Substation, <i>Kurubarapalli, Hosur.</i>	41
4.	03.01.18	II/IV	230/110 KVA, Substation, <i>Kurubarapalli.</i>	45
5.	11.01.18	III/V	Mettur Thermal Power Station, <i>Mettur.</i>	41

GUEST LECTURE

S.No	Date	Year/ Sem	Title of the Event	Chief Guest/Speakers	No. of Participants
1.	01.07.17	IV/VII	MEMS Technology	Prof.H.S.Bhatia, <i>Honorable Secretary of IETE, Professor & HOD / ITE Department, KNIST, Bangalore.</i> & Prof.P.N.Sharada, <i>Joint Secretary of IETE, Asst. Professor / ECE Department, KNIST, Bangalore.</i>	43

TRAINING PROGRAMME

S.No	Date	Year/ Sem	Title of the Event	Chief Guest/Speakers	No. of Participants
1.	31.07.17 & 01.08.17	II/III	Power of -- -- --	Mr.Raghunath, <i>M/s Relax Training Organization</i>	45
2.	29.08.17	II/III	Foundation Programme for Placement	Dr.CyrilPrasanna <i>Dean R&D MS Ramaiah Engineering College, Bangalore</i>	45
3.	01.09.17	II/III	Vedic Maths Training Programme	Prof. Venkateshamoorthy Mr. B.V.K. Shastry, Mr. P.K.Srivatsa, Mrs. Ranjani Chaxi, Prof. H.G. Ramachandra.	45
4.	21.09.17 to 23.09.17	II/III	Kandeepam Ezhuga	Kalaimamani Marabin Maindhan M.Muthiah & Team, <i>Editor, Namathu Nambikai</i>	45
5.	06.10.17	IV/VII	Motivational Programme	Kalaimamani Marabin Maindhan M.Muthiah & Team, <i>Editor, Namathu Nambikai</i>	42
6.	04.12.17 to 20.12.17	IV/VIII	Embedded Programming & Application Development using ARM	Mr. Mohammed Sikanthar, Mr. Sasi, Mr. Varunvarma, Mr.Prsanna, Cranes Varsity	19

SYMPOSIUM

S.No	Title of the Event	Date	Chief Guest/Speakers	No. of Participants
1.	ELECTRICKS-17 (National Level Technical Symposium)	13.09.17	Mr.K.Balasubramanian, <i>Associate Project Manager, Robert Bosch, Coimbatore.</i>	128

TECHEXPO-2K18

S.No	Date	Title of the Event	Chief Guest/Speakers	No. of Participants
1.	23.02.2018 & 24.02.2018	TECHEXPO-2K18	Dr. Venkateswarlu Karodi, Principal Scientist, Material Science Division, National Aerospace Laboratories, Bangalore	23 Batches

NATIONAL CONFERENCE-2K18

S.No	Date	Title of the Event	Chief Guest/Speakers	No. of Participants
1.	05.03.2018	Emerging Trends in Renewable Energy, Power Quality & Optimization Techniques (ETREPQOT 2K18)		25

STUDENT'S PARTICIPATION, PRESENTATION & PUBLICATION -2017-2018

WORKSHOP

S.No	Name of the Student	Date	Year/ Sem	Title	Organization/Coll ege in Which Participated
1.	M.Poovarasu	16.09.17	II/III	Wireless Robot Design Using PIC Controller	Government College of Engineering, Bargur.
2.	M.Chinnagurappa				
3.	S.Manikumar				
4.	S.Shyam Aravind				
5.	M.Vijaykumar				
6.	S.Rajeshkumar				
7.	A.Dhandapani				
8.	R.Jishnu				
9.	R.Mahimajith	23.09.17	III/V	Power System Studies Using ETAP	Muthayammal Engineering College, Namakkal.
10.	K.Soundarya				

PROJECT EXPO

S.No	Name of the Student	Date	Year/ Sem	Title	Organisation/Colle ge in Which Participated
1.	R.Naveenkumar	11.08.17	II/III	Intelligence Passenger Monitoring System	Mahendra Engineering College, Namakkal.
2.	P.Abdul Kareem sharief				
3.	K.Ranjithkumar				
4.	S.Vijay	11.08.17	II/III	Overload load Protection	Mahendra Engineering College, Namakkal.
5.	S.Hariharan				
6.	S.Vignesh				
7.	R.Jishnu	07.09.17 to 09.09.17	III/V	Tyre Bus Preventer	Bannari Amman College, Namakkal.
8.	N.Naveenkumar				
9.	J.Roche Antony Raj				
10.	R.Jishnu	25.01.18 & 26.01.18	III/VI	Robotic Competition - Line Following Robot	Madras Institute of Technology, Chennai
11.	V.Mokeshkumar	17.02.18	IV/VII I	Hybrid Renewable Energy System For Grid Control Using FLC	Jayalakshmi College of Engineering, Thoppur
12.	U.Abubakkar siddig				

INPLANT TRAINING

S.No	Name of the student	Date	Year/Sem	Company Name
1.	V.Mokeshkumar		IV/VII	Ashok Leyland, Hosur
2.	K.Soundarya	22.11.17 to 24.11.17	III/VI	Sri Jai Ganesh Enterprises, Hosur
3.	R.Mahima Jith			
4.	S.Suganlhi			
5.	A.Sreenithi			
6.	G.Sweltha			
7.	R.Jishnu	23.11.17 to 25.11.17	III/VI	IPCS Automation Training, Kerala
8.	S.Prasanth	01.12.2017 to 15.12.2017	III/VI	AVTEC Pvt Ltd., Poonapalli, Denkanikottai, Hosur.
9.	K.Vinitha	04.12.17 to 08.12.17	II/IV	Fleet Guard Filters, Hosur
10.	A.Dhandapani	11.12.17 to 13.12.17	III/VI	Jayalakshmi Pressing Pvt Ltd, Hosur
11.	M.Lavanya	13.12.17 to 15.12.17	II/IV	Easun Reyolle Limited, Hosur
12.	S.Nivedha			
13.	N.Bharathi			
14.	V.Shanmugapriya	14.12.17 to 16.12.17	II/IV	Techno Speed Automation, Hosur
15.	N.Karthika			
16.	S.Keerthana			

PAPER PRESENTATION

S.No	Name of the Student	Date	Year/Sem	Title	Organisation/ College in Which Participated
1.	S.Parirajan	27.09.17	IV/VII	MEMS Technology	Annai Mira College of Engineering
2.	V.Mokeshkumar				
4.	S.Vijay				
5.	R.Naveenkumar				
6.	K.Soundarya	14.02.18	III/VI	Locking & Unlocking of Theft Vehicle Using CAN	Government College of Engineering, Bargur
7.	S.Suganlhi				
8.	M.Rekha	14.02.18	II/IV	Pill Camera	Government College of Engineering, Bargur
9.	K.Vinitha				
10.	N.Nivetha				
11.	B.Irfankhan	14.02.18	III/VI	Solar Energy Using Applications	Government College of Engineering, Bargur
12.	A.Sarath				
13.	S.Prasanth				

PAPER PRESENTATION

S.No	Name of the Student	Date	Year/ Sem	Title	Organisation/ College in Which Participated
14.	R.Harish	14.02.18	III/VI	Wireless power Transmission Via Solar power Satellite	Government College of Engineering, Bargur
15.	R.Ravikuamr				
16.	S.Jansirani	14.02.18	II/IV	Google Automatic Driveless CAR	Government College of Engineering, Bargur
17.	T.Chandrakala				
18.	K.Vinutha				
19.	K.Soundarya	16.02.18	III/VI	Locking & Unlocking of Theft Vehicle Using CAN	Muthayammal Engineering College
20.	A.Sreenithi				
21.	D.Vinothkumar	16.02.18	III/VI	Hybrid Power System	Muthayammal Engineering College
22.	I.Ashwaq Basha				
23.	J.Roche Antony Raj				
24.	S.Sathishkumar	16.02.18	III/VI	Luggage Tracking & Theft Prevention by using IOT	Muthayammal Engineering College
25.	R.Jishnu				
26.	A.Archana	17.02.2018	III/VI	Artificial Muscle	Jayalakshmi College of Engineering
27.	R.Mahimajith				
28.	N.Karthika	17.02.2018	II/IV	Razor based Energy Efficient FIR Filter using Vedic Multiplier	Jayalakshmi College of Engineering
29.	V.Shanmuga priya				
30.	P.Anushiya				
31.	N.Bharathi	17.02.2018	II/IV	Paper Battery	Jayalakshmi College of Engineering
32.	S.Nivedha				

EVENTS

S.No	Name of the Student	Date	Year/ Sem	Title	Organisation/ College in Which Participated
1.	P.Abdul Kareem Sharief	11.08.17	II/III	Short film	Mahendra Engineering College, Namakkal
2.	R.Naveenkumar				
3.	S.Hariharan	07.09.17 to 09.09.17	II/III	Technovanza	Bannari Amman Institute of Technology, Sathiyamangalam
4.	S.Vijay				
5.	R.Naveenkumar				

EVENTS

S.No	Name of the Student	Date	Year/Sem	Title	Organisation/College in Which Participated
6.	R.Harish	15.02.18	III/VI	Technical Quiz	Government college of Engineering, Bargur.
7.	R.Ravikumar				
8.	S.Prasanth				
9.	B.Irfankhan	15.02.18	III/VI	Technical Quiz	Government college of Engineering, Bargur.
10.	A.Sarath				
11.	S.Prasanth	15.02.18	III/VI	Circuit Debugging	Government college of Engineering, Bargur.
12.	B.Irfankhan				
13.	A.Sarath				
14.	U.Abubakkarsiddig	17.02.2018	IV/VIII	Technical Quiz	Jayalakshmi Institute of Technology
15.	V.Mokeshkumar				
16.	V.Mokeshkumar	17.02.2018	IV/VIII	AD ZAP	Jayalakshmi Institute of Technology
17.	R.Aravindhan				

STUDENT ACHIEVEMENT'S:

S.No	Name of the Student	Date	Year/Sem	Title	Organisation/College in Which Participated	Prize
1.	S.Basavaraj	13.10.17	IV/V II	Consumption of Excessive Power From Vehicles.	District Skill Summit, Krishnagiri	I
2.	S.Sreesaillesh					
3.	K.Soundarya	13.10.17	III/V	DTMF Based Home Automation	District Skill Summit, Krishnagiri	III
4.	R.Mahimajith					
5.	A.Sreenithi					
6.	S.Suganthi					

SKILL TRAINING:

The Tamil Nadu State Government had conducted **“Tamil Nadu Skill Summit-2017”** at the state level for the year 2017. The primary level of this competition conducted in each District & to be finalized in consultation with the District Collector.



The Krishnagiri District Level competition held at Our College Er. Perumal Manimekalai college of Engineering on 13.10.2017. Our Department students participated in the primary level competition & won the first & third prizes in Krishnagiri district.

S.No	Year/ Sem	Name of the Student	Title	Reference Number
1.	IV/VII	B.Basavaraj & S.Sreesailesh	Consumption of Excessive Power from Vehicles	TNSS20170000379 (FIRST PRIZE)

RESULT ANALYSIS CLASS TOPPERS

S.NO	YEAR/SEM	REG.NO	STUDENT NAME	CGPA	POSITION HELD
ODD SEMESTER(2017- 2018)					
1.	II/III	610816105016	Lavanya M	7.962	FIRST
2.		610816105022	Nivedha S	7.769	SECOND
3.		610816105014	Karthika N	7.615	THIRD
4.	III/V	610815105007	Chitra.K	8.308	FIRST
5.		610815105013	Mahimajith.R	7.808	SECOND
6.		610815105029	Swetha.G	7.654	THIRD
7.		610815105025	Soundarya.K	7.654	THIRD
ODD SEMESTER(2017- 2018)					
1.	II/III	610816105016	Lavanya M	7.962	FIRST
2.		610816105022	Nivedha S	7.769	SECOND
3.		610816105014	Karthika N	7.615	THIRD

RESULT ANALYSIS CLASS TOPPERS

S.NO	YEAR/SEM	REG.NO	STUDENT NAME	CGPA	POSITION HELD
4.	III/V	610815105007	Chitra.K	8.308	FIRST
5.		610815105013	Mahimajith.R	7.808	SECOND
6.		610815105029	Swetha.G	7.654	THIRD
7.		610815105025	Soundarya.K	7.654	THIRD
8.	IV/VII	610814105010	Harshini M	9.00	FIRST
9.		610814105015	Mahalakshmi P	8.57	SECOND
10.		610814105016	Manjusree S		
11.		610814105021	Praveena M		
12.		610814105027	Suchithra A		
13.		610814105033	Vinitha G	8.43	THIRD
14.		610814105310	Sravani.K.A		
EVEN SEMESTER (2016- 2017)					
1.	II/IV	610815105025	Soundarya.K	8.292	FIRST
2.		610815105013	Mahimajith.R	8.250	SECOND
3.		610815105007	Chitra.K	8.208	THIRD
4.	III/VI	610814105016	Manjusree S	8.333	FIRST
5.		610814105015	Mahalakshmi P	8.208	SECOND
6.		610814105027	Suchithra A	7.833	THIRD
7.	IV/VIII	610813105001	Abinaya M	8.80	FIRST
8.		610813105004	Anuradha C		
9.		610813105032	Poornima M		
10.		610813105034	Priyadharshini P		
11.		610813105045	Sivasankari S		
12.		610813105053	Vignesh R		
13.		610813105054	Vignesh V		
14.		610813105009	Chandru P	8.6	SECOND
15.		610813105012	Divya Priya P		
16.			610813105002	Aishwarya D	8.52

EXTRA CURRICULAR ACTIVITIES

Internal Sports Meet - 25.01.2018

S.No	Name of the Student	Year/Sem	Event	Prize
1.	Harishkumar.K	IV/VIII	200 meters	II
2.	Hemanthkumar	IV/VIII	Volley Ball	II
3.	Arivazhagan.G			
4.	Suresh.K			
5.	Karthick.K			
6.	Arunkumar.N	II/IV		
7.	Hemanthkumar.U			
8.	Abdul Kareem sharef.P			
9.	S.Nagaraj	IV/VIII	Cricket	II
10.	Arivazhagan.G			
11.	Vignesh.R			
12.	Silambarasan.M			
13.	Siddharthan.A			
14.	Prakash.K	III/VI		
15.	Sathishkumar.S			
16.	Ravikumar.R			
17.	Gurumurthy.V			
18.	Ganeshkumar.R	II/IV		
19.	Arunkumar.N			
20.	Maheshkumar.K			
21.	Abdul Kareem sharef.P	III/VI	Throw Ball	I
22.	Soundarya.K			
23.	Suganthi.S			
24.	Sreenithi.A			
25.	Deivani.P			
26.	Bhavani.Y	II/IV		
27.	Pavithra.R			
28.	Jansirani.S			
29.	Rekha.M			
30.	Soundarya.K	III/VI	Shotput	I
31.	Bhavani.Y	II/IV		III
32.	Bhavani.Y	II/IV	Javelin	I
33.	Soundarya.K	III/VI		II
34.	Bhavani.Y	II/IV	Dart	I
35.	Soundarya.K	III/VI	Tennikoit	II
36.	Bhavani.Y			
37.	Suganthi.S	III/VI	Long Jump	III
38.	Roche Antony Raj.J	III/VI	Shotput	I
39.	Roche Antony Raj.J	III/VI	Javelin Throw	I
40.	Roche Antony Raj.J	III/VI	Carrom	II
41.	Roche Antony Raj.J	III/VI	Dart	II
42.	Sathishkumar.S	III/VI	Volley Ball	II
43.	Irfan Khan.B	III/VI		
44.	Ganeshkumar.R	III/VI		

AGAPORI

Sl.No	Date	Year/Sem	Name of the Chief Guest	Name of the Topic
1	23.01.18	II/IV	Mr. Marabin Muthaihah, Coimbatore.	Yaraiyum mathithu vaal
2	29.01.18	III/VI	Mr. Marabin Muthaihah, Coimbatore.	Puthiyana Virumbu
3	21.02.18	IV/VIII	Mr. Marabin Muthaihah, Coimbatore.	Neir Pada Pesu

PARTICIPATION OF STAFF IN CONFERENCE, SYMPOSIUM, TECHNICAL EXHIBITIONS 2017-2018

STAFF PARTICIPATION – INTERNAL (2017-2018)

S.No	Name of the Faculty	Title of the Event	College in Which Participated	Date
1	Mrs.G.Shasikala	Electric Power System	Er.Perummal Manimekalai College of Engg	12.06.17 to 15.07.17
2	Mrs.S.Meena Kumari			
3	Mr.S.Devaraj			
4	Mr.N.Selvakumar			
5	Mr.T.Senthil Kumar			
6	Mr.R.Vinoth			
7	Mrs.L.Maheswari			
8	Ms.R.M.Madhumathi			
9	Mr.A.Rajapandiyan			
10	Mr.P.Gopinathan			
11	Mr.M.Sahithullah			

STAFF PARTICIPATION – EXTERNAL (2017-2018)

S.No	Name of the Faculty	Title of the Event	Topic	College in Which Participated	Date
1	Mr.S.Devaraj	Conference	Bridge 2017	ICT Academy, Bengaluru.	20.09.17
2	Mrs.G.Shasikala	Workshop	Power system studies using ETAP	Muthayammal Engineering College, Namakkal.	23.09.17
3	Mr.S.Devaraj				
4	Mr.T.Senthilkumar				
5	Mrs.L.Maheswari				
6	Mr.A.Rajapandiyan	Conference	QCFI	TVS, Hosur	08.10.17
7	Mrs.G.Shasikala				

STAFF PRESENTATION – EXTERNAL (2017-2018)

S.No	Name of the Faculty	Event	Topic	College in Which Participated	Date
1	Mrs.G.Shasikala	International Conference	Multi input LUO converter based hybrid Electric vehicle using sensor less BLDC motor	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
2	Mrs.G.Shasikala	International Conference	Electric power generation using thermal and cold energy for domestic and industrial purpose	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
3	Mrs.Meenakumari	International Conference	Internet Of Things Enabled Smart LPG Cylinder Monitoring and Automated Booking	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
4	Mrs.Meenakumari	International Conference	Improved Z source Network based three phase voltage source inverter using space vector pulse width modulation technique	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
5	Mr.S.Devaraj	International Conference	Implementation of Autonomous Photovoltaic TIBC Using Single Phase Induction Motor With Water Pumping System	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
6	Mr.N.Selvakumar	International Conference	Enhanced Frequency Response Method for PMSG Based WECS Using Ultra capacitor in IAPS	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17

STAFF PRESENTATION – EXTERNAL (2017-2018)

S.No	Name of the Faculty	Event	Topic	College in Which Participated	Date
7	Mr.T.Senthilkumar	International Conference	Simple technique Reducing leakage current for H-bridge conversion to transformer less photovoltaic generation	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
8	Mr.R.Vinoth	International Conference	Three phase AC to DC PFC converter using magnetic combination transformer with synchro rectifier	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
9	Mrs.L.Maheshwari	International Conference	Bridgeless interleaved SEPIC fed DC-DC convertor for PF correction using soft switching techniques	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
10	Mrs.L.Maheshwari	International Conference	Voltage Source Inverter for solar power plant with Landsman converter and Enhanced Power Quality Improvement	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
11	Mr.P.Gopinathan	International Conference	voltage stability improvement of transmission systems using bacterial foraging algorithm	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
12	Mr.M.Sahithullah	International Conference	Optimal switching control Technique for Unified Power Flow Controller in power system	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17

STAFF PRESENTATION – EXTERNAL (2017-2018)

S.No	Name of the Faculty	Event	Topic	College in Which Participated	Date
13	Mrs.G.Shasikala	International Conference	GSM based greenhouse monitoring and controlling temperature and water moisture	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17
14	Ms.R.M.Madhumathi	International Conference	PICPLC based railway gate automation and fault detection.	Bharath Institute of Higher Education & Research	06.04.17 to 08.04.17

STAFF PUBLICATION (2017-2018)

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	ISBN
1.	Mr.M.Sahithullah	A Hybrid Control Strategy to Control Active Filter And Improve The PQ of Non-Linear Load	Australian Journal of Electrical & Electronics Engineering	2205-362X 1448-837X Year 2016
		Optimized Kalman Filter Based Shunt Active Power Filter for Power Quality Improvement	International Journal of Electronics, Electrical and Computational System	2348-117X Year 2016
		Selective Shunt active power compensation technique for PQ Enhancement	International Journal Of Engineering Applied Sciences & Technology	2455-2143 Year 2016
2.	Mrs.G.Shasikala	Multi input LUO converter based hybrid Electric vehicle using sensorless BLDC motor.	International journal of modern trends in engineering & Research	e -2350-9745 p -2393-8186
3.	Mrs.S.Meenakumari	Wind Energy Conversation System Based on Vienna Rectifier with Fuzzy Logic Control Technique	International Journal of Modern Trends in Engineering and Research	e -2349 -9745 p -2393-8161 May 2016
4.	Mr.A.Rajapandiyam	Application of chaotic Particle Swarm optimization for solving Economic Dispatch Problems with Non-convex cost Function.	Journals of Electrical and Power system Engineering	Volume-3 Issue 1

STAFF PRESENTATION – INTERNAL (2017-2018)

S.No	Name of the Faculty	Event	Topic	College in Which Participated	Date
1	Mr.S.Devaraj	Faculty Development Program		Er.Perumal Manimekalai Polytechnic College	
2	Mrs.L.Maheswari	Seminar	Mathi 2018 – Women Empowerment Programme	Er.Perumal Manimekalai Polytechnic College	19.12.17

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 80% of eligible final year EEE students seeking placement are already placed with placed with reputed organization even before their completion the course.

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

ACADEMIC YEAR	NO OF STUDENTS PLACED
2011-2012	8
2012-2013	22
2013-2014	30
2014-2015	58
2015-2016	61
2016-2017	59
2017-2018*	2

(* As on February 2018)

S.No	Reg No	Student Name	Placed Company Name
1	610814105002	CHANDRASHEKAR K B	AIRTEL
2	610814105017	MOKESHKUMAR V	
3	610814105021	PRAVEENA M	
4	610814105302	ARIVALAGAN.G	
5	610814105309	SAKTHIVEL.C	
6	610814105313	THIRUMALAIVASAN.P	
7	610814105001	ABUBAKKAR SIDDIG U	AXIS GLOBAL AUTOMATION
8	610814105002	CHANDRASHEKAR K B	
9	610814105015	MAHALAKSHMI P	
10	610814105303	BASAVARAJ.B	HINDHUJA GLOBAL SERVICES
11	610814105311	SREESAILESH.S	
12	610814105001	ABUBAKKAR SIDDIG U	
13	610814105006	GAYATHRI A	
14	610814105010	HARSHINI M	
15	610814105015	MAHALAKSHMI P	
16	610814105016	MANJUSREE S	
17	610814105021	PRAVEENA M	
18	610814105022	PRITHIYA B	
19	610814105027	SUCHITHRA A	
20	610814105028	SUDHA S	
21	610814105029	VENKATARAJU G	
22	610814105030	VIGNESH C	
23	610814105033	VINITHA G	
24	610814105301	ARAVIND. A	
25	610814105303	BASAVARAJ.B	
26	610814105306	MAHENDRAN.M	
27	610814105309	SAKTHIVEL.C	
28	610814105310	SRAVAN.K	
29	610814105311	SRELSAILESH.S	
30	610814105016	MANJUSREE S	INTELENET
31	610814105022	PRITHIYA B	
32	610814105027	SUCHITHRA A	
33	610814105033	VINITHA G	SUTHERLAND GLOBAL SERVICES
34	610814105027	SUCHITHRA A	
35	610814105033	VINITHA G	TECH MAHINDRA
36	610814105027	SUCHITHRA A	
37	610814105033	VINITHA G	VERTEX ENGINEERING TECHNOLOGIES
38	610814105002	CHANDRASHEKAR K B	
39	610814105016	MANJUSREE S	
40	610814105302	ARIVALAGAN.G	
41	610814105303	BASAVARAJ.B	
42	610814105311	SREESAILESH.S	

PLACEMENT RECORD 2018

AIRTEL



CHANDRASEKAR K B



MOKESHKUMAR V



PRAVEENA M



SAKTHIVEL.C



THIRUMALAIVASAN



ARIVALAGAN.M

AXIS GLOBAL AUTOMATION



ABUBAKKAR SIDDIG U



CHANDRASEKAR K B



MAHALAKSHMI P



BASAVARAJ.B



SREESAILESH.S

HINDHUJA GLOBAL SERVICE



ABUBAKKAR SIDDIG U



HARSHINI M



GAYATHRI A



MAHALAKSHMI.P



MANJUSREE S



PRAVEENA M



PRITHIYA B



SUCHITHRA A



SUDHA S



VENKATARAJU G



VIGNESH C



VINITHA G



ARAVIND.A



BASAVARAJ.B



MAHENDRAN.M



SAKTHIVEL.C



SRAVANI.K.A



SREESAILESH.S

INTELENET



MANJUSREE S



PRITHIYA B



SUCHITHRA A



VINITHA G

SUTHERLAND GLOBAL SERVICES



SUCHITHRA A



VINITHA G

TECH MAHINDRA



SUCHITHRA A



VINITHA G

VERTEX ENGINEERING TECHNOLOGIES



MANJUSREE S



ARIVALAGAN.M



BASAVARAJ.B



SREESAILESH.S

PHOTO GALLERIES

WORKSHOP

PLC & AUTOMATION



Two Days workshop on **"PLC & Automation"** was conducted on **27.07.2017 & 28.07.2017** with II year students of EEE department.

Resource Person:

Mr. P. Rajasekar, Project Manager, Raana Power Solutions, Bangalore.

REAL TIME SOLAR PANEL APPLICATIONS



Two Days workshop on **"Real Time Solar Panel Applications"** was conducted on **28.7.2017 & 29.7.2017** with III year students of EEE department.

Resource Person :

Mr. Madhankumar, Sr.Engineer, Power Integrated Solutions, Tirchy.

EMBEDDED SYSTEM DESIGN USING MICROCONTROLLER



Two Days workshop on **“Embedded System Design using Microcontroller”** was conducted on **10.08.2017 & 11.08.2017** with IV year students of EEE department.

Resource Person:

Mr.Rajamanickam, Bits n watts, Chennai.

POWER SYSTEM ANALYSIS, OPERATION & CONTROL USING ETAP SOFTWARE



Inaugural Address by Guest of Honor



Workshop Session by Resource Persons in Lab

The Institution of Engineers(India) Hosur Local Center sponsored Three Days National Level Workshop on " Power System Analysis, Operation & Control Using ETAP Software" was conducted on 22.01.2018 to 24.01.2018 with III year students of EEE department.

Chief Guest : Dr. J.Arivudainambi, FIE, IEI (HLC) Chairman,
Dr. V.Manivasagan, MIE, IEI (HLC) Joint Secretary,

Resource Person : Er.S. Selvakumar, Senior Engineer, ABB Chennai.
Mr. Ezhil Aniruthan & Mr.S Prasanth, Engineer,
Power Research & Development Consultants Pvt. Ltd, Bengaluru.

INDUSTRIAL VISIT

CENTRAL POWER RESEARCH INSTITUTE (CPRI)



The Final year EEE students had visited "Central Power Research Institute" located at Bangalore on 16.08.2017 with two faculty members. They had seen the Substation, Power room, Transformer, Meters, Relays, Circuit Breaker, Transmission Tower, etc., It was an informative, interesting and a successful visit which make the students to know about the working of various electrical equipment's and their automation.

TUTICORIN THERMAL POWER PLANT



The Final year EEE students had visited “Tuticorin Thermal Power Plant” located at Tuticorin on 21.08.2017 with two faculty members. They had visited the Unit-III of the plant and saw the entire operation of the Thermal power plant in a single power control room through SCADA Software. Since the students had studied the subject Power Plant Engineering, they clearly understand the operation of the plant in an easy manner which made the industrial visit as a very valuable one.

230/110/33-11 KVA, SUBSTATION, KURUBARAPALLI



The Third year EEE students had visited “230/110/33-11 KVA Substation,” located at Kurubarapalli on 18.09.2017 with two faculty members. They had seen the Substation, Power room, Transformer, Meters, Relays, Circuit Breaker, Transmission Tower, etc., It was an informative, interesting and a successful visit which make the students to know about the working of various electrical equipment's and their automation.

GUEST LECTURE MEMS TECHNOLOGY



One Day guest lecture on **“MEMS Technology”** was conducted on **01.07.2017** with IV year students of EEE department.

Chief Guest : Prof.H.S.Bhatia, Honorable Secretary of IETE,
Professor & HOD / ITE Department, KNIST, Bangalore.
Prof.P.N.Sharada, Joint Secretary of IETE,
Asst. Professor / ECE Department, KNIST, Bangalore.

TRAINING PROGRAMME FOUNDATION PROGRAMME FOR PLACEMENT



One Day training on **“ Foundation Programme for Placement”** was conducted on **29.08.2017** with II year students of EEE department.

Chief Guest : Dr. Cyril Prasanna, Dean R&D MS Ramaiah Engineering College, Bangalore.

This Foundation programme described the realities about how to develop broad career plans, evaluate the employment market, identify the organizations to get good placement, match the job requirements and skill sets. Also guides the students in making appropriate and responsible decisions.

VEDIC MATHS TRAINING PROGRAMME



One Day training on **"Vedic Maths Training Programme"** was conducted on **01.09.2017** with II year students of EEE department.

Chief Guest: Prof. Venkateshamoorthy, Mr. B.V.K. Shastry, Mr. P.K.Srivatsa, Mrs. Ranjani Chaxi, and Prof. H.G. Ramachandra.

This Motivational programme briefed the facts about the application of mathematics in engineering, the development of problem solving skills and the advancement in team work & positive thinking.

KANDEEPAM EZHUGA



Three Days training on **"Kandeepam Ezhuga"** was conducted from **21.09.17 to 23.09.17** with II year students of EEE department.

Chief Guest : Kalaimamani Marabin Maindhan M.Muthiah & Team, Editor, Namathu Nambikai.

This Motivational training programme described the realities about Leadership quality, self-confidence, positive thinking, stress management, yoga, communication skills, problem solving skills and team work.

MOTIVATIONAL PROGRAMME



One Day **"Motivational Programme"** was conducted on **06.10.17** with IV year students of EEE department.

Chief Guest : Kalaimamani Marabin Maindhan M.Muthiah
& Team, Editor, Namathu Nambikai.

This Motivational training programme described the realities about Leadership quality, self-confidence, positive thinking, stress management and team work.

SYMPOSIUM



A National Level Technical Symposium on **"ELECTRICKS 2K17"** was conducted on **13.09.2017** with II, III and IV year students of EEE department.
32 batches of participants from various engineering colleges around the Hosur, Salem, Thirupathur were participated.

Chief Guest : Mr.K.Balasubramanian, Associate Project Manager,
Robert Bosch, Coimbatore.

SKILL TRAINING



B.Basavaraj & S.Sreesailesh of IV EEE receiving the first prize for the project **“Consumption of Excessive Power from Vehicles”** in **“Tamil Nadu Skill Summit-2017”** held at the state level for the year 2017 on 13.10.2017 which had been conducted by Tamil Nadu State Government.

STAFF PARTICIPATION & PRESENTATION



QCFI Presentation at TVS, Hosur



A.Rajapandiyan, AP/EEE of PMC Tech has Participated in the National Level Workshop on “Power System Analysis using ETAP” conducted at Muthayammal Engineering College, Namakkal.

LAB GALLERY

MEASUREMENTS AND INSTRUMENTATION LAB



POWER ELECTRONICS LAB

ENGINEERING PRACTICE LAB



ELECTRICAL MACHINES LAB

POWER SYSTEM SIMULATION LAB





EEE Family



Student Presentation @
Muthayammal College of Engineering, Namakkal



Prize Winning Moments @
Muthayammal College of Engineering, Namakkal



Agapori – Inaugural Function @
West Block Auditorium, PMC Tech

Sports Gallery



"Women's Championship Winner Trophy"
@ Annual Sports Meet 2018



"Cricket - Winner"
@ Annual Sports Meet 2018



"Volley Ball - Runner"
@ Annual Sports Meet 2018



Industry Institute Partnership Meet @ PMC Tech
(in Collaboration with Board of Apprenticeship Training)



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