

## Er.PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE

 $17^{\mathrm{TH}}$  KM on Hosur - Krishnagiri highways

Hosur, Tamil Nadu

## **DIPLOMA IN**

# ELECTRONICS AND COMMUNICATION ENGINEERING

**ACADEMIC YEAR 2018-2019 (Even Semester)** 

#### **CHIEF EDITOR**



Er. Peurmal Manimekalai Polytechnic College is an institution that aims at the complete development of the student and our staff is a handpicked and trained to ensure that the students are given every possible support in all their Endeavour's .Our students are encouraged to widen their knowledge base and study beyond the confines of the syllabus. We strive to be a Centre of Excellence in all learning areas and our ongoing success suggested we are achieving our goals.

#### **CO - EDITOR**



To provide high quality education and other services the competencies of the teaching staff have to be developed continuously. This will enable them to meet the ever changing technical advancements. We encourage our staff to undergo prioritized need based development programs and to acquire higher qualifications. To expose our students to the practical environment and industrial work culture we provide hands on experience through in plant training, industrial visit, and guest lecturers by calling experts from industries. We are proud of our alumini, many of whom are holding leading



#### PMC TECH



 $E_{\rm T}.\ PERUMAL\ MANIMEKALAI\ POLYTECHNIC\ COLLEGE,\\ DEPARTMENT\ OF\ ELECTRONICS\ AND\ COMMUNICATION\ ENGINEERING\\ \mathbf{17}^{\rm TH}\ KM.,\ KRISHNAGIRI\ ROAD,\ KONERIPALLI,\ HOSUR-635117.$ 

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DEC 2018 - APRIL 2019

## **NEWS LETTER**

**VOLUME: 6** 

#### AT A GLIMPSE

- TrainingProgram
- IndustrialVisit
- Tech Expo
- Symposium
- Placements
- Annual Day
- Sports Day
- Chief Editor

Head of Department
Electronics &
Communication
Engineering

## **DIRECTOR MESSAGE**

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#### PRINCIPAL MESSAGE

Er.Perumal Manimekalai Polytechnic College is continuously strive to impart Quality Education along with high ethical and Moral values which enable us, not only to mould our students as successful Diploma Engineers but also as disciplined citizens of our Nation."A Dream does not become reality through magic. It takes sweat, determination and hard work" .We are honored to educate the students and our goal is to assist each students prepare for his or her life journey.

#### **HOD MESSAGE**

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## **VISION OF THE INSTITUTION**

PMC Tech -Polytechnic College shall emerge as a premier Institute for valued added technical education coupled with Innovation, Incubation, Ethics and Professional values.

#### MISSION OF THE INSTITUTION

- To foster the professional competence through excellence in teaching and learning.
- To nurture overall development of students by providing Quality Education & Training.
- To provide innovative environment to learn, innovate and create new ideas for the betterment of oneself and society.

#### **VISION**

To provide suitable environment for Electronics and Communication Engineering diploma holders to excel in profession to cater the needs for self and societal development.

#### **MISSION**

- ❖ Provide suitable learning environment to enable the students to face the challenges of technological development through theoretical and practical orientation.
- Enable students to develop skills to solve complex technological problems.
- To nature innovation and leadership quality to address the industrial and social needs

## **PEOs**

Diploma Graduates of Electronics and Communication Engineering program shall

- 1. Adopt and upgrade themselves in the technological challenges of present and futures.
- 2. Have good practice in using modern electronics, and IT Tools, for the design and analysis of complex engineering problems.
- 3. Absorb and apply fundamental knowledge to solve industry and societal problem.

#### WORDS OF WISDOM

Education is the Most Powerful Weapon which you can use to change the world

- Nelson Mandela

## 11<sup>TH</sup> STATE LEVEL TECHNICAL SYMPOSIUM 2019





11<sup>th</sup> state level technical symposium was conducted on 07 Feb 2019. Mr.M.Venkatasubramanian, Director, Vallabmahi Electrical Pvt. Ltd., Hosur acted as a Chief Guest for that event. Our honorable Trustee Madam lighted the kuthu vizhakku. Professor Mr.N.Sudhakaran, Director of Polytechnic College & ITI gave the presidential address. Our Polytechnic Principal Mr.N.Balasubramaniam, felicitated the function. The HODs of ECE, EEE, and CSE gave the presentation about their department achievements to other college participants.

## **REPUBLIC DAY**



On 26<sup>th</sup> January, the Republic day was celebrated and our beloved Principal Sir of PMC tech gave address and motivational speech about our freedom fighters.

## **Students Achievements**



On the Academic year 2018-19(Even Semester), Both of our second and third year students are participated and presented a paper in National and State level symposium which was conducted in Thiagarajar polytechnic college, Salem and won the prizes and medals.





**Department rank Holders** 





On the Academic year 2018-19(Even semester), our department students toppers in Internal Assessment tests(CAT1,CAT 2,CAT3) were honored by our Head of Department and Faculties. Also they got different Prizes and Awards.

## **Annual Day and Sports**



The Annual day celebration was conducted and the various cultural programs were organized, the invited chief guest Ms. Bhavani priya shankar has gave an enthusiastic speech and also our chairman read the annual day reports for the academic year 2018-19.

## **Youth Red Cross**



On behalf of YRC Form, the awareness programmed was organized on the topic of "Road safety" on 2018.Our ECE students were participated and benefitted.

## **ALUMNI MEET**





The various batches of ECE alumni's were get together, enjoyed and shared their comments along with each and everyone.

## **INDUSTRIAL VISIT**



On 24 Jan 2019, Department of Electronics and Communication Engineering arranged an industrial visit to INEL Pvt Lt, Hosur for the students of III year ECE. They were accompanied by the faculties of the department, Mr.M.Mohamed Jinna, Lecturer/ECE and Mrs. M.Selvakumari, Lecturer/ECE. Total number of 53 students visited the company. Our III year ECE students visited ISRO, Bangalore on 6 Aug 2018. Total number of 53 students visited the satellite center. They were guided by the faculties of the department, Mr. C.Veeramani, Lecturer/ECE and Mrs. M. Selvakumari, Lecturer/ECE.

#### STUDENT ACHIVEMENTS

R Anusha and Team members of II year ECE participated in Throw Ball annual sports meet on 16<sup>th</sup> Feb 2019 in our college and won 1<sup>st</sup> prize.





State Rank Holders for the Board Exam October 2019 were honored by our PMC TECH management.

## **Eye Camp**

On behalf of PMC Tech, the awareness programmed were organized on the topic of "Eye safety" on 2018.Our ECE students were participated and benefitted.



## **Result Achieved**

DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
BOARD EXAMINATION RESULTS - APRIL 2019 - PERFORMANCE OF REGULAR STUDENTS
509 ER. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE
IV SEMESTER ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)

Appeared = 64 - 1 (all absent) = 63

| Column<br>Number | Subject<br>Code | Subject Name   | Appeared<br>Passed<br>% | Min. Marks<br>Max. Marks<br>Avg. Marks | Details of Staff(s) Handled the Subject |            |
|------------------|-----------------|--|-------------------------|--|---|------------|
|                  |                 |  |                         |  | Staff ID                                | Staff Name |
| 1                | 34041           | INDUSTRIAL ELECTRONICS   | 63<br>57<br>90.48       | 27<br>100<br>68.19                     |   |            |
| 2                | 34042           | COMMUNICATION ENGINEERING                                      | 63<br>53<br>84.13       | 21<br>100<br>63.02                     |   |            |
| 3                | 34043           | DIGITAL ELECTRONICS  | 63<br>49<br>77.78       | 21<br>98<br>60.21                      |   |            |
| 4                | 34044           | LINEAR INTEGRATED CIRCUITS                                     | 62<br>48<br>77.42       | 25<br>100<br>62.58                     |   |            |
| 5                | 34045           | INDUSTRIAL ELECTRONICS AND COMMUNICATION ENGINEERING PRACTICAL | 61<br>58<br>95.08       | 23<br>99<br>71.25                      |   |            |
| 6                | 34046           | INTEGRATED CIRCUITS PRACTICAL                                  | 62<br>62<br>100.00      | 59<br>100<br>80.26                     |   |            |
| 7                | 30002           | LIFE AND EMPLOYABILITY SKILL PRACTICAL                         | 62<br>62<br>100.00      | 56<br>100<br>82.16                     |   |            |

DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025 BOARD EXAMINATION RESULTS - APRIL 2019 - PERFORMANCE OF REGULAR STUDENTS 509 ER. PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE VI SEMESTER ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)

Appeared = 52

| Column<br>Number | Subject<br>Code | Subject Name   | Appeared<br>Passed<br>% | Min. Marks<br>Max. Marks<br>Avg. Marks | Details of Staff(s) Handled the Subject |            |
|------------------|-----------------|--|-------------------------|--|---|------------|
|                  |                 |  |                         |  | Staff ID                                | Staff Name |
| 1                | 34061           | COMPUTER HARDWARE SERVICING AND NETWORKING           | 52<br>50<br>96.15       | 26<br>100<br>76.79                     |   |            |
| 2                | 34062           | BIO MEDICAL INSTRUMENTATION                          | 52<br>50<br>96.15       | 22<br>100<br>73.06                     |   |            |
| 3                | 34083           | ET - II MOBILE COMMUNICATION                         | 52<br>49<br>94.23       | 24<br>99<br>72.88                      |   |            |
| 4                | 34064           | COMPUTER HARDWARE SERVICING AND NETWORKING PRACTICAL | 52<br>52<br>100.00      | 67<br>100<br>95.37                     |   |            |
| 5                | 34084           | EP - II PCB DESIGN PRACTICAL                         | 52<br>52<br>100.00      | 61<br>100<br>87.29                     |   |            |
| 6                | 34066           | EMBEDDED SYSTEMS PRACTICAL                           | 52<br>52<br>100.00      | 58<br>100<br>84.85                     |   |            |
| 7                | 34067           | PROJECT WORK   | 52<br>52<br>100.00      | 72<br>100<br>92.77                     |   |            |

## **QCFI**



Our Team got Award in QCFI 2018

One of our faculty Mr.c.Veeramani,Lecturer/ECE had participated and gave suggestions about Quality maintenance in QCFI,Hosur which was conducted on 2018 and won First prize also be awarded gold medal.





Our ECE YRC Students Observe Dr. APJ Death Anniversary 27th July 2018

On behalf of our PMC Tech group of Institution, our Eminent Director sir along with Electronics and Communication Engineering second and Third year students had console death anniversary of our YRC Students Observer Dr.A.P.J.Abdul Kalam sir on 27<sup>th</sup> July 2018.

#### PLACEMENT OFFER DETAILS







#### **Renualt Nissan Pvt Ltd**

Each and every faculty of our Electronics and Communication Engineering Department were arranged the off campus drive to our final year students through various reputed Industries such as Titan Watches, India Nippon Electricals, Hosur, Renault Nissan Automative India Pvt Ltd., Chennai. Among our ECE students totally 54 students were placed with more package

#### **CHIEF EDITOR:**

• Mrs. J Blaizelet Mary, HOD/ECE

#### **COORDINATORS:**

- Mr. C Veeramani, Lecturer/ECE,
- Mrs. M Selvakumari Lect/ECE
- Mr. M Rajkumar, Lecturer/ECE,
- Mrs. M. Flarance Jennifer, Lecturer/ECE
- Mr. N Nagalakshmi, Lecturer/ECE
- Selvi. M.Shalini , III/ECE
- Selvi. .M Vinusha II/ECE

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