



## ECE ANNUAL NEWS LETTER 2018

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Mr. N. RAMKI, M.E.,

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## INSTITUTION AT A GLANCE

PMC TECH Institution established in the year 1996 by the founder chairman Er.PERUMAL & sponsored by Er.PERUMAL MANIMEKALAI Telugu minority educational and charitable trust situated next to the Industrial hub hosur. The Institution is branched with engineering college, polytechnic college and ITI matriculation school.

## PMC TECH ENGINEERING COLLEGE AT A GLANCE

Established in the academic year 2002 and 2003 approved and affiliated by AICTE and Anna university respectively, the college inculcating values of education into the young generation attained outstanding results and thereby created name for itself in the region as a leading Institution.

## ABOUT THE DEPARTMENT

Embarked on the PME TECH Engineering college, the Department of Electronics & Communication Engineering has made a steady growth in almost all the aspects .On the strength factor, the intake started with 40seats in 2002,gradually increased to 60 seats in 2004 and 120 seats from 2006 onwards. The department offers a regular four year B.E Programme in “Electronics and Communication Engineering” and effective June 2012 started two year M.E programme in “Applied Electronics”.

The Department has well equipped laboratories such as VLSI Design, DSP, Microwave, RF Communication system, Microprocessor, Microcontroller, Linear and digital IC and Electronics Labs. The Department, with two-level quality assessment rating for teaching and also reputation for research, registered tremendous growth in teaching/research and has attained its recognition at National and International levels.

The Department with its experienced faculties ensure that the students concerned thoroughly acquire subjects knowledge (hard-skills). Simultaneously soft skill training with internal/external team, glimpse of Industrial visits, Seminars, Workshops etc are provided from time to time and thus the students are gainfully employed in reputed organizations.

## VISION OF THE DEPARTMENT

To emerge as a vibrant department in imparting quality education through industrial experiences, interdisciplinary research, innovation and group activity in Electronics and Communication Engineering.

## MISSION OF THE DEPARTMENT

- ✓ To prepare Electronics and Communication graduates to meet global challenges by inculcating engineering values and quest for modern technologies.
- ✓ To impart technical quality education through research outlook and industry relevant skills enhancing employability of graduating engineers.
- ✓ To create centers of excellence in emerging areas of national importance with industry and university collaborations.
- ✓ To develop entrepreneurial skills among graduates and provide them with incubation assistance.

## CHAIRMAN'S MESSAGE



**“Next in important to freedom and justice is popular education, without which neither freedom nor justice can be permanently maintained”**

It is the high time to realize your dream which is in the main stream of your professional career and to feel proud to be part of this most prestigious Institution. PMC Tech has a history of more than 10 years. Degree in the technical education like engineering has become the foremost academic qualification for all leading industries. Academicians and Industrialists alike have recognized the value of the degree in the developing challenges of the rapidly changing technical environment. Equip the student with advanced knowledge in the field of Electronics and Communication Engineering as well as professional skills which is necessary to face the challenges of the future. Engineer them to engage in research activities leading to innovative applications of technology for the benefit of mankind. Enable them to become responsible citizens of the country with willingness to serve the society.

## SECRETARY'S MESSAGE



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

My heart felt compliments to the fifth issue of “Annual ECE NEWS Letter”. It is a new way for us to communicate with our constituents – students, college members, alumni and industrial partners. The newsletter reflects the board activities of ECE Dept of our college. True education indeed paves the path for the children to learn new things in a correct manner. It helps them to broaden their perspectives and enrich their knowledge to face the globally competitive era. The Department has a global reach with its wide and strong alumni network. It includes among them Entrepreneurs, Teaching professionals, Managers, Scientists and Administrators at the highest levels in their respective fields. We hope this newsletter will serve as a useful resource as you get to know the Department.



## TRUSTEE'S MESSAGE



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

PMC TECH works towards preparing highly qualified team of technocrats not only by making them technically fit as well. Yes, we at PMC Engineering College stress also upon human values and professional ethics besides making them technically sound. Our students find their teachers as role models and believe in posing ethics instead of posing illusion. The Goal of the ECE Department is to impart technical knowledge and expertise to the students in the field of Electronics and Communication Engineering to enable them in understanding the real – world problems and solve them for the betterment of society. We strive for excellence and interaction opportunities with scholars and this is being amply reflected in this fifth issue of annual newsletter. I congratulate the editorial team to come up with fifth issue of annual newsletter PMC ECE newsletter and wish them All the Best.



**“Education is not all about studying and getting good marks. It is really a means to discover new things which we don't know about and increase**

An educated person has the ability to differentiate between right and wrong or good and evil. A person becomes perfect with education as he/she is not only gaining something from it, but also contributing to the growth of nation. Therefore it is the foremost responsibility of a society to educate its citizens and PMC TECH goes a step further by ensuring that its students surmount in their field of studies. This is possible but because of the best efforts of the Department concerned and obviously exhibiting their developmental activities as newsletter is most welcome and my complements to ECE for instant commencement.



## PRINCIPAL MESSAGE



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

To educate a student in mind and in morals is the most significant need of the hour. We at PMC TECH provide quality education adhered to discipline that composes every student to realize the self and inspires them to build their career with greater confidence in this ever changing competitive society. PMC TECH has a long list of achievements in providing quality education while meeting the basic criteria of affordability, accessibility and quality, “Tell me and I’ll forget, show me and I may not remember, Involve me and I’ll understand.” I am delighted to know the Electronics and Communication Department has released a newsletter. The initiative by students and faculty members show the attachment and commitment to this Engineering profession. I am sure this newsletter will be a strong resource to the student and researchers and keep them in touch with attachment in this area. I wish all the best and promise all possible support for ECE Department.

## HOD MESSAGE



**“Education is the key to unlock the golden door of freedom”**

Electronics and Communication Engineering is the branch that deals with designing and testing circuits which that use the electromagnetic property of electronics components such as resistors, capacitors, inductors and transistors to achieve a particular functionality. The theoretical, together with the practical content of the course provides a thorough knowledge of the core concepts relating to transmission of signals along the globe. Our aim is to develop young technocrats, ability to solve design oriented problems in electronic circuits, communication systems and signal processing. Electronics and Communication engineers have good employment opportunity in Smart Phones, Microwave, Satellite communication, Telecommunication, Embedded systems, VLSI Design and IT domain.

# TECH EXPO 2018 – ECE

The Department of ECE conducted two days Technical Exhibition on 22nd & 23rd February 2018 in our campus.

The Chief Guest Dr.VENKATESWARLU KARODI, Ph.D., Scientist, Materials Science Division, National Aerospace Laboratories, Bangalore, Er.P.Perumal the chairman, Smt.P.Mallar the Trustee, Er.P.Kumar the Secretary and Dr.S.Chitra the principal, of our college was present for the Inaugural Function.

In this Exhibition ECE Department displayed 35 Projects. About 9000 students from various colleges, Polytechnic, School and other department students visited to see the projects.

Among the department level 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.



## NATIONAL LEVEL TECHNICAL SYMPOSIUM 2K17

On 14th September 2017 the national level technical symposium ELECTROVISION – 2K17 was organized in our college campus.

The Chief Guest Dr.H.L.SRINIVASA, Ph.D., Scientist, ISRO Satellite Centre, Bangalore, Er.P.Perumal the chairman, Smt.P.Mallar the Trustee, Er.P.Kumar the Secretary and Dr.S.Chitra the principal, of our college was present for the Inaugural Function.

In this programme, 30 Papers Presentations of various colleges from Tamilnadu, Karnataka & Andhra Pradesh were presented in the area of VLSI, Communication System, Digital Signal Processing, Image Processing and Real Time Embedded Systems etc.,



## TECH EXPO DETAILS

| S.NO | PROGRAMME         | CHIEF GUEST  | PARTICIPANTS  | DATE  |
|------|-------------------|--|---|---|
| 1    | TECH EXPO<br>2018 | Dr.VENKATESWARLU<br>KARODI, Ph.D.,<br>Scientist, Materials Science<br>Division, National Aerospace<br>Laboratories, Bangalore. | Various Other<br>College, Polytechnic<br>& School Students<br>and PMC College<br>Students | 22 <sup>nd</sup> & 23 <sup>rd</sup><br>February<br>2018 |

## SYMPOSIUM DETAIL

| S.NO | PROGRAMME                          | CHIEF GUEST  | PARTICIPANTS   | DATE                                  |
|------|------------------------------------|--|--|---------------------------------------|
| 1    | SYMPOSIUM<br>ELECTROVISION<br>2K17 | Dr.H.L.SRINIVASA, Ph.D.,<br>Scientist, ISRO Satellite Centre,<br>Bangalore | Various Other<br>College Students<br>and PMC College<br>Students | 14 <sup>th</sup><br>September<br>2017 |

## GUEST LECTURE DETAILS

| S.NO | PROGRAMME<br>TOPIC                        | RESOURCE PERSON   | PARTICIPANTS             | DATE                                |
|------|---|---|--------------------------|-------------------------------------|
| 1    | RF SENSORS<br>IN WIRELESS<br>ARCHITECTURE | Prof.H.S.Bhatia,<br>Honorable Secretary,<br>IETE Bangalore  | III Year ECE<br>Students | 01 <sup>st</sup> July<br>2017       |
| 2    | MEMS<br>TECHNOLOGY                        | Prof.P.N.Sharada,<br>Joint Secretary of IETE,<br>Asst. Prof / ECE Dept,<br>KNIST, Bangalore                     | IV Year ECE<br>Students  | 01 <sup>st</sup> July<br>2017       |
| 3    | ELECTRONICS<br>CIRCUITS - I               | Dr.R.CyrilPrasanna Raj<br>Research & Development<br>Department of ECE<br>M.S. Engineering College,<br>Bangalore | II Year ECE<br>Students  | 16 <sup>th</sup><br>August<br>2017  |
| 4    | ELECTRO<br>MAGNETIC FIELDS                | Mrs.S.Geetha,<br>Asst. Prof / ECE Dept,<br>PMC TECH, Hosur  | II Year ECE<br>Students  | 29 <sup>th</sup><br>January<br>2018 |



## 1. Guest Lecture on “RF Sensor in Wireless Architecture” – 01.07.17

Guest Lecture on RF in Wireless Technology on 01st July 2017 in PMC Auditorium by Prof.H.S.Bhatia, Honorable Secretary of IETE, Professor & HOD / ITE Department, KNIST, Bangalore.



## 2. Guest Lecture on “MEMS Technology” – 01.07.17

Guest Lecture on MEMS Technology on 01st July 2017 in PMC Auditorium by Prof.P.N.Sharada, Joint Secretary of IETE, Asst. Professor / ECE Department, KNIST, Bangalore.



## 3. Guest Lecture on “Electromagnetic Fields” – 29.01.18

Guest Lecture on Electromagnetic Fields on 29th January 2018 in Second Year Class Room by Mrs.S.Geetha, Assistant Professor, Department of ECE, PMC TECH, Hosur



## VALUE ADDED COURSE

| S.NO | PROGRAMME TOPIC  | RESOURCE PERSON  | PARTICIPANTS             | DATE  |
|------|--|--|--------------------------|---|
| 1    | ARDUINO PROGRAMMING  | Mr.G.Jaisarathy,<br>Project Developer.<br>OneYes Technologies ,<br>Chennai.                | III Year ECE<br>Students | 2 <sup>nd</sup> to 5 <sup>th</sup><br>January<br>2018   |
| 2    | EMBEDDED PROGRAMMING & APPLICATION DEVELOPMENT USING ARM               | Mr. Sikanthar,<br>Mr. Sasi,<br>Mr.Varrunvarma,<br>Mr.Prasanna<br>Cranes Varsity, Bangalore | IV Year ECE<br>Students  | 4 <sup>th</sup> to 23 <sup>rd</sup><br>December<br>2017 |
| 3    | PCB DESIGNING & FABRICATION  | Mr. E. Rajasekar,<br>Managing – Training,<br>Raana Power Solutions,<br>Bangalore.          | II Year ECE<br>Students  | 10 <sup>th</sup> & 11 <sup>th</sup><br>August<br>2017   |
| 4    | POPULARIZATION OF REMOTE SENSING BASED MAPS AND GEOSPATIAL INFORMATION | Dr. P.G. Diwakar<br>Scientific Secretary<br>ISRO Satellite Centre,<br>Bangalore            | IV Year ECE<br>Students  | 11 <sup>th</sup> August<br>2017                         |
| 5    | PYTHON PROGRAMMING   | Mr.R.Ravikumar Reddy,<br>SANARYS Private<br>Limited, Bangalore                             | IV Year ECE<br>Students  | 28 <sup>th</sup> to 30 <sup>th</sup><br>July 2017       |
| 6    | INTERNET OF THINGS   | Mr. E. Rajamanikam,<br>Bits ‘n’ Watts<br>Embedded solutions,<br>Chennai.                   | III Year ECE<br>Students | 26 <sup>th</sup> to 29 <sup>th</sup><br>July 2017       |

### 1. Workshop on “Arduino Programming” – 02.01.18 to 05.01.18

Three Days Workshop on Arduino Programming on 02nd January 2018 to 05th January 2018 in VLSI Lab by Mr.G.Jaisarathy, Project Developer, OneYes Technologies, Chennai.





## 2. Value Added Program on “Embedded Programming & Application Development Using ARM” – 04.12.17 to 23.12.17

Value Added Program on Arduino Programming on 04th December 2017 to 23rd December 2017 in VLSI Lab by Mr. Sikanthar, Mr. Sasi, Mr.Varrunvarma, Mr.Prasanna, from Cranes Varsity, Bangalore



## 3. Workshop on “Internet of Things” – 26.07.17 & 29.07.17

Two Days Workshop on Internet of Things on 26th July 2017 & 29th July 2017 in DSP Lab by Mr. E. Rajamanikam, Bits 'n' Watts Embedded solutions, Chennai.



## 4. Workshop on “Python Programming” – 28.07.17 to 30.07.17

Three Days Workshop on Python Programming on 28nd July 2017 to 30th July 2017 in VLSI Lab by Mr.R.Ravikumar Reddy, SANARYS Private Limited, Bangalore





## MEMORANDUM OF UNDERSTANDING (MOU)

The ECE Department of PMCTECH made MOU with SANARYS Private Limited, Bangalore, Rajiv Gandhi Memorial Telecom Training Centre (RGM TTC), an Institute under Bharat Sanchar Nigam Limited (BSNL), TamilNadu Telecom Circle, Chennai.

- ❖ Providing telecom training services through instructor led training.
- ❖ Workshops, Seminars and also.
- ❖ Distance - Learning through Web Based Seminars etc.

## PROFESSIONAL BODIES



THE INSTITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERING



INDIAN SOCIETY FOR TECHNICAL EDUCATION

## IETE STUDENT CHAPTER INAUGURAL

IETE Student Chapter was Inaugurated by Prof.H.S.Bhatia, Honorable Secretary of IETE, Prof.P.N.Sharada, Joint Secretary of IETE, Bangalore.Dr.S.Chitra the Principal, Prof.M.Sahithullah HOD and Faculties of ECE Department were present for the Inaugural.



## ISTE STUDENT CHAPTER

ISTE Student Chapter was Inaugurated by the Chief Guest Mr. E. RAJASEKAR, Managing – Training, Raana Power Solutions, Bangalore Dr.S.Chitra the Principal, Prof.M.Sahithullah HOD and Faculties of ECE Department were present for the Inaugural



## ISTE FACULTY CHAPTER

ISTE Faculty Chapter was Inaugurated by the Dr.S.Chitra the Principal, Prof.M.Sahithullah HOD of ECE, all the faculties of PMC TECH were present for the Inaugural



## FACULTY DEVELOPMENT PROGRAM

| S.NO | PROGRAMME TITLE | TOPIC  | RESOURCE PERSON  | PARTICIPANTS  | DATE                     |
|------|-----------------|--|--|---------------|--------------------------|
| 1    | ISTE FDP        | CII-National Higher Education Conclave                               | Mr.S.Senthilkumar<br>Asst.Prof./MECH &<br>Dr.Prabhakaran,<br>Asst.Prof./ H & S   | All Faculties | 06th<br>December<br>2017 |
| 2    | ISTE FDP        | Using Blended MOOCS  | Mr. M.Aravind,<br>Asst.Prof./MBA   | All Faculties | 01st<br>December<br>2017 |
| 3    | ISTE FDP        | Bridging The Gap Between Academics & Industry                        | Mr. N.Ramki,<br>Asst.Prof./ECE Mr.<br>Devaraj,<br>Asst.Prof./EEE Mr.<br>Dinesh,<br>Asst.Prof./MCO &<br>Mrs. Dukitha,<br>Asst.Prof./MCA | All Faculties | 01st<br>December<br>2017 |
| 4    | ISTE FDP        | 21st Century Transportation & Engineering Technology                 | Mr. George,<br>Asst.Prof./Aero   | All Faculties | 01st<br>December<br>2017 |
| 5    | ISTE FDP        | Myth & Realities of R&D at colleges - Patterns & Plagiarism Checking | Mr. Aravind,<br>Asst.Prof./MBA   | All Faculties | 01st<br>December<br>2017 |
| 6    | ISTE FDP        | Padaiodu Nadaipodu   | Mr.MarabinMaindan<br>Muthiah, Chief<br>Editor & Journalist,<br>NamathuNambikai.  | All Faculties | 07th<br>October<br>2017  |

### 1. ISTE FDP on "Bridging the Gap Between Academics & Industry" – 01.12.17

One Day Faculty Development Program on Bridging the Gap Between Academics & Industry on 01st December 2017 in PMC Auditorium by Mr. N.Ramki, Asst.Prof./ECE Mr. Devaraj, Asst.Prof./EEE Mr. Dinesh, Asst.Prof./MCO & Mrs. Dukitha, Asst.Prof./MCA of PMC TECH, Hosur.



## FACULTY ACHIEVEMENTS - BOOK PUBLICATION

| S.NO | FACULTY NAME                     | BOOK TITLE  | PUBLICATION                | YEAR |
|------|----------------------------------|---|----------------------------|------|
| 1    | Prof.M.Sahithullah,<br>HOD / ECE | Basics of Electrical And<br>Electronics Engineering | Charulatha<br>Publications | 2014 |

## JOURNAL PUBLICATIONS

| S.No | Faculty Name                  | Title of the Publication   | Publisher  | Year |
|------|-------------------------------|--|--|------|
| 1    | Mr.M.Sahithullah<br>HOD / ECE | Selective Shunt Active Power<br>Compensation Techniques for<br>Power Quality Enhancement   | International Journal of<br>Engineering Applied<br>Science & Technology                            | 2016 |
|      |                               | A Hybrid Control Stergier to<br>Control Active Filter and<br>Improve the PQ of Non<br>Linear Load                                | Australian Journal of<br>Electrical and<br>Electronics Engg<br>(Scopous Journal)                   | 2016 |
|      |                               | Shunt Active Filter using<br>Cuckoo Search Algorithm for<br>PQ Conditioning  | IEEE Conference –<br>ICCPCT 2015 Noorul<br>Islam University  | 2016 |
| 2    | Mrs.A.Kavitha                 | Design and Development of<br>Autonomous ground vehicle<br>for wildlife monitoring  | International Journal of<br>Innovative Research in<br>Computer and<br>Communication<br>Engineering | 2016 |
| 3    | Mrs.R.UmaMaheswari            | Crisis Management in<br>Wireless mesh networks for<br>public safety  | ISTE TN&P Regional<br>Conference   | 2016 |
| 4    | Mrs.M.N.Shilpa                | Novel Architecture for<br>Implementing FIR filter<br>Design  | ISTE TN&P Regional<br>Conference   | 2016 |
| 5    | Mr.S.PrasannaVenkatesan       | PAPR and ICI reduction in<br>OFDM systems using<br>modified raised cosine power<br>pulse   | European Journal of<br>Scientific Research   | 2016 |
| 6    | Mrs.S.Geetha                  | Energy Optimized Video<br>Transmission over LTE<br>Networks using Quasi-Qam  | REACT'15, SRM<br>University, Chennai   | 2016 |
| 7    | Mr.N.Ramki                    | Energy efficient route<br>Optimization Protocol in<br>wireless AD HOC networks   | International research<br>journal of Mobile and<br>wireless<br>Communication                       | 2016 |
| 8    | Mrs.J.ChristyReshma           | Effects of Power Gating and<br>clock Gating with NBTI<br>Tolerant Architecture in<br>Combinational and                           | CIIT International<br>journal of Digital<br>Signal Processing                                      | 2016 |
| 9    | Mr.E.VeeraBoopathy            | Design and implementation of<br>Low power area efficient<br>rounded truncated multiple<br>constant multiplier for FIR<br>filters | International Conference<br>in AVS Engineering<br>College,Salem                                    | 2016 |



## MOTIVATIONAL PROGRAMME

As a part of motivating our students in achieving their goals and by guiding them in a right way so many motivational programs are being conducted in our campus. One such motivational program was conducted by Mr. Marabin Maindan Muthiah, Chief Editor & Journalist, NamathuNambikai & Team members.



## STUDENTS CLUB ACTIVITIES

Our ECE Department always motivate and enhancing research work to provide the solution for recent issues in different areas.

HOD and staffs induce the technical knowledge and communication skills to the students by conducting the technical quiz and group discussion periodically.



## STUDENTS PARTICIPATION & ACHIVEMENTS

### ACADEMIC TOPPERS

#### FINAL YEAR

**FIRST**



**SUSMITHA.B.R**  
GPA - 8.5

**SECOND**



**KAVITHA.K.K**  
GPA - 8.364

**THIRD**



**YASHASWINI.N**  
GPA - 8.360

#### THIRD YEAR

**FIRST**



**AKILA.S**  
GPA - 9.57

**SECOND**



**MALA.V**  
GPA - 9.43

**THIRD**



**RAMYASHREE B SEKAR**  
GPA - 9.26

#### SECOND YEAR

**FIRST**



**VANITHA . N**  
GPA - 8.96

**SECOND**



**RAMYA.S**  
GPA - 8.73

**THIRD**



**ARCHANA.N.R.S**  
GPA - 8.53

## International Conference

| S. No | STUDENT NAME     | EVENT               | PRIZE   | ORGANIZED BY   | DATE     |
|-------|------------------|---------------------|---------|--|----------|
| 1     | Kalaivani.R      | Poster Presentation | I Prize | World Environment Congress, Art of Living, Bangalore.      | 10-01-18 |
| 2     | Harshitha.A.P.A. | Poster Presentation | I Prize | World Environment Congress, Art of Living, Bangalore.      | 10-01-18 |
| 3     | Prakash.V        | Poster Presentation | I Prize | World Environment Congress, Art of Living, Bangalore.      | 10-01-18 |
| 4     | Kalaivani.R      | Paper Presentation  | I Prize | World Conference on Environment, Art of Living, Bangalore. | 11-01-18 |
| 5     | Harshitha.A.P.A. | Paper Presentation  | I Prize | World Conference on Environment, Art of Living, Bangalore. | 11-01-18 |
| 6     | Prakash.V        | Paper Presentation  | I Prize | World Conference on Environment, Art of Living, Bangalore. | 11-01-18 |

## Symposium Participation

| S. No | STUDENT NAME | EVENT              | PRIZE     | ORGANIZED BY  | DATE     |
|-------|--------------|--------------------|-----------|---|----------|
| 1     | Sathya.S     | Paper Presentation | I Prize   | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 15-02-18 |
| 2     | Yashshvini.C | Paper Presentation | II Prize  | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 15-02-18 |
| 3     | Swathi.R     | Paper Presentation | II Prize  | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 15-02-18 |
| 4     | Sathya.S     | Quiz               | I Prize   | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 5     | Subhashree.P | Quiz               | I Prize   | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 6     | Nikitha.R    | Quiz               | I Prize   | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 7     | Gayathri.M   | Quiz               | II Prize  | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 8     | Praveena.G   | Quiz               | II Prize  | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 9     | Swetha.S     | Quiz               | III Prize | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 10    | Kowsalya.M   | Quiz               | III Prize | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 11    | Gayathri.M   | Circuit Debugging  | I Prize   | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 12    | Ishrath.M.A  | Circuit Debugging  | III Prize | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |
| 13    | Ishrath.M.A  | Marketing          | III Prize | National Level Technical Symposium, "REVIVA 2K18", Government College of Engineering, Bargur. | 16-02-18 |

## IN-PLANT TRAINING

| S.N<br>O | STUDENT NAME          | DEPT/YEAR | COMPANY NAME                              | PLACE   | PERIOD                     | NO.<br>OF<br>DAYS |
|----------|-----------------------|-----------|---|---------|----------------------------|-------------------|
| 1        | AVINASH.S.K.          | ECE/Third | KaashivInfotech                           | Chennai | 06-12-17<br>to<br>10-12-17 | 5<br>Days         |
| 2        | AMRITHA<br>BABU.S.B.  | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 3        | AYISHA.M              | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 4        | GAYATHRI.S            | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 5        | HARITHA.V             | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 6        | NIKITHA.R             | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 7        | NIVETHA<br>SHREE.S    | ECE/Third | Ascent Circuits Pvt.<br>Ltd.              | Hosur   | 08-12-17<br>to<br>09-12-17 | 2<br>Days         |
| 8        | GOKULAN.C             | ECE/Third | TITAN Company<br>Ltd.                     | Hosur   | 26-11-17<br>to<br>02-12-17 | 6<br>Days         |
| 9        | RAMYASHREE<br>B.SEKAR | ECE/Third | Dynaspede Integrated<br>Systems Pvt. Ltd. | Hosur   | 29-11-17<br>to<br>01-12-17 | 3<br>Days         |
| 10       | GAYAT HRI.M           | ECE/Third | TITAN Company<br>Ltd.                     | Hosur   | 11-12-17<br>to<br>16-12-17 | 6<br>Days         |
| 11       | SATHYA.S              | ECE/Third | TITAN Company<br>Ltd.                     | Hosur   | 04-12-17<br>to<br>09-12-17 | 6<br>Days         |
| 12       | SHAHINA.Y             | ECE/Third | TITAN Company<br>Ltd.                     | Hosur   | 11-12-17<br>to<br>16-12-17 | 6<br>Days         |
| 13       | SUBHASHREE.N          | ECE/Third | TITAN Company<br>Ltd.                     | Hosur   | 11-12-17<br>to<br>16-12-17 | 6<br>Days         |



|    |                |           |                              |       |                            |        |
|----|----------------|-----------|------------------------------|-------|----------------------------|--------|
| 14 | SUBHASREE.P    | ECE/Third | TITAN Company Ltd.           | Hosur | 11-12-17<br>to<br>16-12-17 | 6 Days |
| 15 | SWATHI.S       | ECE/Third | TITAN Company Ltd.           | Hosur | 11-12-17<br>to<br>16-12-17 | 6 Days |
| 16 | SWETHA.S       | ECE/Third | TITAN Company Ltd.           | Hosur | 11-12-17<br>to<br>16-12-17 | 6 Days |
| 17 | LAVANYA.S      | ECE/Third | TVS Motors Company Ltd.      | Hosur | 30-11-17<br>to<br>02-12-17 | 3 Days |
| 18 | ARCHANA.S      | ECE/Third | Life Line Circuits Pvt. Ltd. | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 19 | JAMUNA.S       | ECE/Third | Life Line Circuits Pvt. Ltd. | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 20 | VENNILA.R      | ECE/Third | TVS Motors Company Ltd.      | Hosur | 11-12-17<br>to<br>13-12-17 | 3 Days |
| 21 | ARCHANA.K      | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 22 | GEETHA.T       | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 23 | ISHRATH.M.A.   | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 24 | MADHUMITHA.S   | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 25 | NEHA ANJUM     | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 26 | NITHYASRI.G.V. | ECE/Third | TECHAUTO Pvt. Ltd.           | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |

|    |                 |            |                           |       |                            |        |
|----|-----------------|------------|---------------------------|-------|----------------------------|--------|
| 27 | NIVEDITHA BAI.R | ECE/Third  | TECHAUTO Pvt. Ltd.        | Hosur | 14-12-17<br>to<br>16-12-17 | 3 Days |
| 28 | HARIKRISHNAN.M  | ECE/Second | Ascent Circuits Pvt. Ltd. | Hosur | 08-12-17<br>to<br>09-12-17 | 2 Days |
| 29 | ADARSH.S        | ECE/Second | Ascent Circuits Pvt. Ltd. | Hosur | 08-12-17<br>to<br>09-12-17 | 2 Days |
| 30 | ASWINI.S        | ECE/Second | TITAN Company Ltd.        | Hosur | 11-12-17<br>to<br>16-12-17 | 6 Days |
| 31 | SARANYA.M       | ECE/Second | TITAN Company Ltd.        | Hosur | 11-12-17<br>to<br>16-12-17 | 6 Days |
| 32 | AFSHAN TAJ.T    | ECE/Second | TITAN Company Ltd.        | Hosur | 05-12-17<br>to<br>10-12-17 | 6 Days |
| 33 | ARCHANNA.N.R.S  | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 34 | ELAKKIYA.T      | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 35 | HEMASHREE.K.B   | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 36 | MOUNIKA.Y       | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 37 | NAGADHANUSHA.N  | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 38 | RAMYA.S         | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 39 | SAKSHAYINI.V    | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 40 | SANKARI.M       | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 41 | SATHYA.S        | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |
| 42 | SOWMIYA.B       | ECE/Second | BSNL                      | Hosur | 04-12-17<br>to<br>08-12-17 | 5 Days |

## INDUSTRIAL VISIT

| S.NO | PROGRAM TITLE    | INDUSTRY NAME          | PLACE     | VISITORS                               | VISITING DATE |
|------|------------------|------------------------|-----------|--|---------------|
| 1    | INDUSTRIAL VISIT | L & T SWITCHES         | OOTY      | IV YEAR & III YEAR ECE STUDENTS (BOYS) | 31.08.2016    |
| 2    | INDUSTRIAL VISIT | RADIO ASTRONOMY CENTER | OOTY      | IV YEAR & III YEAR ECE STUDENTS (BOYS) | 01.09.2017    |
| 3    | INDUSTRIAL VISIT | ISROSATELLITE CENTRE   | BENGALURU | IV YEAR ECE STUDENTS                   | 11.08.2017    |
| 4    | INDUSTRIAL VISIT | EFY EXPO               | BENGALURU | III YEAR ECE STUDENTS                  | 09.02.2018    |

### L & T (LARSEN& TOUBRO ) SWITCH GEAR TRAINING CENTRE

The Final & Third Year Students of our department visited the L & T Switch Gear Training Centre on August 31 2017. It was the learning and knowledge gaining visit to this trainingCentre as the students got an opportunity to know more about generic approach of switchgear – their selection, installation, safety, maintenance criteria, energy conservation techniques, etc.. The information was very much useful to the students in a professional manner.





## **RADIO ASTRONOMY CENTRE (RAC)**

The Final & Third Year Students of our department visited the Radio Astronomy Centre (RAC) Ooty on September 01, 2017. At RAC, Students were visited a cylindrical parabolic of reflecting telescope, this makes it possible to track celestial objects for about 10 hours continuously from their rising in east to their setting in the west by simply rotating the antenna mechanically along its long axis. This visit led to students know about important discoveries and various phenomena occurring in our Solar system and in other celestial bodies.



## **EFY EXPO BENGALURU**

The Third Year Students of our department visited the EFY ( Electronic for You ) EXPO on February 02, 2018.



## TRAINING AND PLACEMENT

ECE Department always believed in equipping students with the right talent and personally to face to the industry requirements.

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

ECE department, the placement & training cell and selectively deployed personal function 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 ECE students.

Finally, a notable facts is, about 90% of eligible final year ECE students seeking placement are already placed with reputed organization even before their completing the course.

## TRAINING PROGRAM

| S.NO | PROGRAMME TITLE                           | RESOURCE PERSON  | PARTICIPANTS                 | DATE                       |
|------|---|--|------------------------------|----------------------------|
| 1    | Placement Foundation Program              | Dr.CyrilPrasanna Raj<br>Dean R & D,<br>M.S.Engineering<br>College, Bangalore | II Year ECE<br>Students      | 29.08.17                   |
| 2    | College to Corporate Training Program     | Prof. VirendraSethi<br>Prof. D Parthasarathy<br>IIT Bombay                   | IV Year ECE<br>Students      | 07.09.17<br>to<br>12.11.17 |
| 3    | IIT Spoken Tutorial on C++, SCILAB & JAVA | Video Lecture From<br>IIT Spoken Tutorials                                   | II, III & IV ECE<br>Students | 14.09.17<br>to<br>16.09.17 |
| 4    | Infosys Campus Connect                    | Mrs.Deepa,<br>Mrs.Shalini  | III Year ECE<br>Students     | 05.08.17<br>to<br>15.08.17 |
| 5    | Relax Training Program                    | Mr.Ragunath,<br>Social Awareness<br>Mentor, Chennai                          | II Year ECE                  | 24.07.17<br>&<br>25.07.17  |

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

| ACADEMIC YEAR | NO OF STUDENTS PLACED |
|---------------|-----------------------|
| 2013 – 2014   | 80                    |
| 2014 – 2015   | 85                    |
| 2015 – 2016   | 90                    |
| 2016 - 2017   | 104                   |
| 2017 - 2018   | 50                    |

(\* as on March 1st 2018)

# PLACED STUDENTS (2018 Batch)



**ASHIKA.S**



**MEENA.L**



**RAMESH.S**



**AGILA.M**



**AKSHATHA.A**



**ASHIKA.S**



**MEENA.L**



**NANDHINI.M**



**NIROSHA.C**



**PAVITHRA.V**



**SOWNDHARYA.V**



**SHALINI.S**



**RAMANUJAN.K**



**SUDHA.J**



**VARAPRIYA.R**



**TAMILSELVAN.M**



**VIGNESH.R**



**SASIKUMAR.N**





**BHANUPRIYA.R**



**KAVYA SREE.V.K**



**MALA.V**



**RAMANUJAN.K**



**YASHASWINI.N**



**SUSHMITHA.B.R**



**RAMYA.M**



**MEENA.L**



**VARAPRIYA.R**



**VISHNUPRIYA.M**



**RAMESH.S**



**HARISHKUMAR.G**



**POORNIMA.N**





**AGILA.M**



**AKSHATHA.A**



**AYISHASIDDHIKA.N**



**HARSHITA.A.P.A**



**BHANUPRIYA.R**



**KAVYA SREE.V.K**



**KAVITHA.K.K**



**KALAIVANI.R**



**KOWSALYA.V**



**MALA.V**



**MEENA.L**



**NALINA.R**



**NANDHINI.M**



**NANDHINI.V**



**NIRMALA.S**



**NIROSHA.C**



**PAVITHRA.V**



**RAMANUJAN.K**



**RAMESH.S**



**RAMYA.M**



**SUJA.S**



**SUDHA.J**



**SUSMITHA.B.R**



**VENUGOPAL.B**



**VISHNUPRIYA.M**



**YASHASWINI.N**



**KIRAN BABU.S**



**SATHISH.A**



**POOVIZHI.V**



**HIMAJA.G**



**PRIYADHARSHINI.M**



**HARISHKUMAR.G**



**SHALINI.S**



**KAVITHA.K.K**



**VARAPRIYA.R**



**HARISHKUMAR.G**



**SUSMITHA.B.R**



**VISHNUPRIYA.M**



**HIMAJA.G**



**HARISHKUMAR.G**

# Vertex



**AGILA.M**



**AKSHATHA.A**



**AYISHASIDDHIKA.N**



**GOVINDARAJ.N**



**HEMALATHA.N**



**MEENA.L**



**NANDHINI.V**



**NIROSHA.C**



**PRATHEEP.C**



**PRITHIPA.M**



**RAMANUJAN.K**



**RAMESH.S**



**RAMYA.M**



**RUKAIYABEE.R**



**SHALINI.S**



**SOWNDHARYA.V**



**UMAMAGESWARI.B**



**VARAPRIYA.R**



**VENKATESAN.K**



**VENUGOPAL.B**



**PRIYADHARSHINI.M**



**PADMINI.S.A**



**PAVITHRA.V**



# GALLERY



Principal Address in ELECTROVISION – 2K17



Participants of ELECTROVISION – 2K17



Inauguration of IETE Student Chapter



Honoring the Chief Guest-IETE Student chapter



Chief Guest Address in National Conference RIVCS – 17



Release of Souvenir & News Letter -17





Prize Distribution of RIVCS – 17



Our Students Won I Prize in GCEB Symposium



Students being appreciated by principal for the achievement



Students in their Demo-National Project summit



Industrial Visit at Radio Astronomy, Ooty

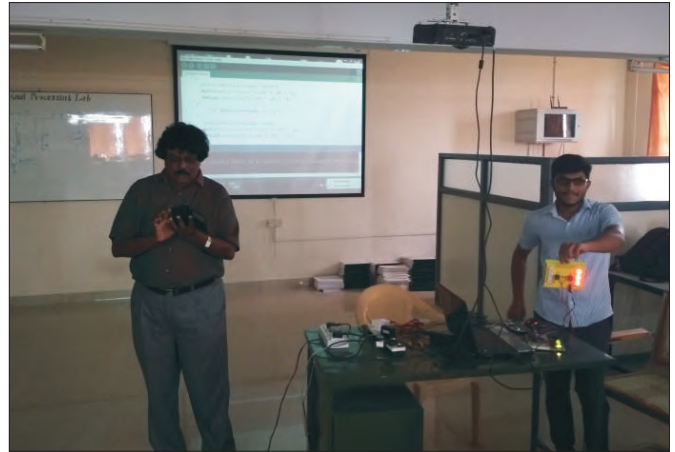


Industrial Visit at L & T Switch Gear Training Centre





Guest Lecture on Digital Communication



Hands on training on Internet of Things (IOT)



Workshop on PYTHON Programming



Hands on Training on PCB Design Fabrication



Project Demonstration at TECH EXPO'18



Project Demonstration at TECH EXPO'18





Inaugural of Industry Institution Partnership Meet



Interview conducted during JOBFAIR



Students utilizing the Department Library



Value Added Course on Embedded with ARM



Hands on training on Internet of Things (IOT)



Students doing the experiment in Microprocessor LAB



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## ▶ 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, 17<sup>th</sup> Km, Hosur - Krishnagiri Highways, Koneripalli, HOSUR - 635 117.