

# Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

(Accredited by NACC with 'B++' Grade)

Koneripalli, Hosur - 635 117.

## CHIEF PATRON

**Er. P. PERUMAL,**  
Founder & Chairman,  
PMC TECH

## PATRONS

**Smt. P. MALLAR,**  
Trustee, PMC TECH

**Shri. P. KUMAR**  
Secretary, PMC TECH

## EDITOR IN CHEIF

**Dr. S. CHITRA M.E., Ph.D.,**  
Principal, PMC TECH

## EDITOR BOARD

**Mr. V.KUMARARAJA, AP/IT**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**NEWS LETTER - 2018**

## OUR GOALS

- To import latest knowledge in IT.
- Aiming to produce the maximum of distinctions in the university examinations.
- Produce the maximum number of university rank holders from this academic year.
- Valuable lectures delivered by renowned personalities from the reputed industries, for the benefit of students.
- Student's seminar to increase the presentation skills and leadership qualities.
- Students are bestowed with plentiful guest lecturers to be on par with the industrial standards.
- We have a privilege of inviting the resource personnel from the booming IT industries, which lead these edge technologies.
- Enhancing the knowledge of the student's by interacting with the industry, and their leadership qualities.
- Aiming to place the maximum number of students through on campus and off-campus interviews conducted by the top slash companies.
- To provide consultancy services.
- To collaborate in terms of research and development.

## SALIENT FEATURES



- . Excellent Core and Dedicated faculty members.
- Innovative Teaching and Smart Class rooms
- Laboratories with state of the Equipment's and Instruments
- Wi-Fi Connection throughout the Campus
- Well Stacked Library
- Digital Library with 48 Mbps Internet Connectivity
- Continuous Faculty up gradation programs
- Communication Skills
- Highly Active Training and Placement Cell
- Industrial focused curriculum and Industry-Institute Interaction
- Guest Lectures and Seminars
- Student Exchange Program with various Institutions

## ABOUT THE INSTITUTION

Er. Perumal Manimekalai Group of Institutions (PMC TECH) established in the year 1996 by the Founder Chairman Shri. P. Perumal, B.E., M.I.E., FIV., and Sponsored by Er. Perumal Manimekalai Telugu Minority Educational and Charitable Trust, is situated next to the Industrial hub Hosur, Krishnagiri District, Tamilnadu.

The Engineering College of the Institution established in the year 2002-03 is dedicated to the cause of **“Promotion of quality education with basic philosophy summed up as to be a center of learning, excelling in academics, which imparts state of the art knowledge to its students, encourages staff and students to actively take up research and development activities and to be an agent of promotion of ethical values to its students and staff and thus serve the society.”**

## **Technology Embarks...**

### **Be the Change that you want to see in the World**

#### Department Preface

Department of Information Technology was established in the year 2007 with an intake of 60 students. The Department has well qualified and experienced 12 faculty members to improve the student's skills in all aspects. The department has well equipped laboratory facilities with all latest and recent software's as prescribed by the University. The Department has signed MoU's with leading companies to enhance and to implant technical skills to students. The Departments has organized various Workshops, Conferences, Symposium and Seminar to build the talents and to bring the exposure.

#### Vision

To impart the highest quality of technical education and have continuous practices in the emerging information technology industry.

#### Mission

- ❖ To develop facilities of problem solving and technical skills.
- ❖ To develop dynamic and flexible attitude of IT engineers.
- ❖ To impart continuous learning skills in Technical, Ethical and Professional ways to meet the social responsibilities.

## Chairman's Message

**“SCIENTISTS INVESTIGATE THAT WHICH ALREADY IS;  
ENGINEERS CREATE THAT WHICH HAS NEVER BEEN”**



I am very glad to know that the Department of B.Tech Information Technology is bringing out the fourth newsletter. PMC Tech aims at imparting high quality technical and research oriented education for future generation engineers and scientists. I appreciate the efforts put in by the faculty and student of I.T department in publishing this kind of Information review and also I look forward of preparing students to face the challenges of the engineering colleges and offer technological solution for the betterment of the society.

**“I wish faculty and students of IT department for their success”**

**Er.P.Perumal,  
Chairman.**

## Secretary's Message

**“DO SOMETHING EVERYDAY. THIS IS THE GOLDEN RULE FOR  
ACQUIRING THE HABIT OF DOING YOUR DUTY WITHOUT PAIN”**

It gives me an immense pleasure to know that the B.Tech Information Technology of PMC Tech is publishing fourth newsletter, which not only brings out information about the college and its activity, but also about the students achievements in various fields. I hope that this newsletter will continue to enhance in quality and information on its content and will advocate culture of excellence which would eventually give a wide readings.



**I congratulate and wish the “students and faculties” continue to improve and provoke good thoughts to any readers ultimately and it should find its place in libraries and educational institution.**

**Shri P.Kumar,  
Secretary.**

## TRUSTEE'S MESSAGE

**“MEMORY IS THE MOTHER OF ALL WISDOM”**

I am delighted to recognize that the Department of B.Tech Information Technology is releasing the newsletter. I hope this newsletter carrying the laudable glories and achievement of staff and students would really be a showcase of the talents and seekers exhibited by them.



**I congratulate the faculty and students for their contribution and efforts in bringing out this newsletter successfully.**

**Smt P.Mallar,  
Trustee.**

## **TRUSTEE'S MESSAGE**

**“SUCCESS IS NOT FINAL, FAILURE IS NOT FATEL:  
IT IS THE COURAGE TO CONTINUE THAT COUNTS”**



I am extremely happy to know that that department of B.Tech Information Technology is releasing newsletter that shows their talents and activities done in their department last year. Exchange of ideas, disseminating of the knowledge will ensure professional growth and the students will get more benefit on it. I hope this will continue with extra content on forthcoming years.

**“I wish the faculty and students for success”**

**Smt P.Sasirehka,  
Trustee.**

## **PRINCIPAL'S MESSAGE**

**“LEARNING IS A PASSION, WHICH GOES BEYOND BOOKS”**

I express my deep pleasure to B.Tech I.T Department for publishing this fourth newsletter. In the existing modern world of Engineering and Technology, Creativity and Innovation play a vital role for any institute to enrich the academic and non-academic excellence of the students. In order to make the students to cope up the present competitive world, PMC Tech provides an ambient learning environment with dedicated and devoted faculty.



**This newsletter highlights some of our initiatives and constructive activities which were successfully carried out during the last academic year.**

**I appreciate the HOD, Faculty and students for their interest and effort.**

**Dr.S.Chitra,  
Principal.**

## **HOD'S MESSAGE**

**“CONTINUOUS EFFORT IS THE KEY TO UNLOCK OUR POTENTIAL”**

The launch of newsletter is another milestone for the excellence. I am happy to release this newsletter with the help of our management, principal, faculties and students. In our Department we introduced unique programs and facilities like online collaborative & dynamic learning system, value added course, practical & industry oriented training to prepare students for future challenges.

**I appreciate & wish our faculty & students to work forward for publishing this newsletter.**

**HOD – IT.**



## TECH EXPO – 2018

Technical Exhibition provides participants and exhibitors an excellent opportunity to network and exchange ideas, to showcase innovative projects and to encourage skills and capacity building in Technology. Our **“TECH EXPO – 2018”** was conducted on 22<sup>nd</sup> and 23<sup>rd</sup> February 2018 with a showcasing remarkable 20 innovative projects. **Noteworthy point was there had been beeline of students to witness the exhibition/demonstrations comprising around 10, 000 from surrounding School and Colleges.**



## TEK'NIVAL'17: National Level Technical Symposium

Our institution had conducted a National Level Technical Symposium **“TEK'NIVAL'17”** on 17<sup>th</sup> September, 2017 and the event was organized by Er. Perumal Manimekalai College of Engineering.



Events Conducted in the Symposiums are Paper Presentation, Technical Quiz, Debugging, Short Film, Logo Creation.



## INDUSTRIAL VISITS

PMC TECH has always encouraged Industrial Visits for the Students to have the glimpse of Industrial Works Systems. Our Department Second, Third Year & Final Year students visited **KELTRON and ISRO** at Kerala on 17<sup>th</sup> and 18<sup>th</sup> August 2017. Final Year students visited **INFOSYS Limited** at Bangalore on 01<sup>st</sup> August 2017.



## RELAX TRAINING PROGRAM FOR STUDENTS

Our Department had conducted a “Relax Training Program for Students” for Second year students.

## SEMINAR DAY FOR STUDENTS

Our Department had conducted a “Seminar day for Students” for Second & Third year students.





## NATIONAL CONFERENCE ON NCICT'16

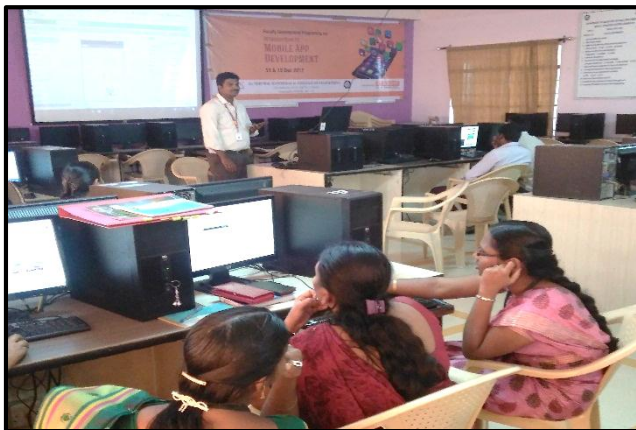
Our institution had conducted a **National Conference on Intelligence and Communication Technology (NCICT'17)** on 25<sup>th</sup> March, 2017 and the event was organized by Er. Perumal Manimekalai College of Engineering.



## TECHNICAL WORKSHOP

Our department had organized various hands on learning workshops for student's development.

S. NO	TITLE	RESOURCE PERSONS/CHIEF GUEST	PARTICIPANTS	DATE
1.	Python Workshop	Dr.T.Senthilkumar, Associate Professor , Amrita University, Coimbatore	II Year Students	11.09.2017 & 12.09.2017
3.	Android Application Development	Mr.Aravind Chennai.	Internal & External Faculty	11.12.2017 & 12.12.2017





## **INFOSYS CAMPUS CONNECT**

Campus Connect aims at evolving a model through which Infosys and Engineering Institutions can partner for competitiveness, enhance the pool of highly capable talent for growth requirements in Information Technology (IT) space.

The following is a list of Generic Courses of the Foundation Program **conducted for our III year IT students,**

1. Introduction to Computer Systems (ICS)
2. Problem Solving Techniques (PST)
3. Operating Systems (OS)
4. Programming and Testing (P&T)
5. Relational Database Management Systems(RDBMS)



## **STUDENTS WEBINAR**

Our department had organized various webinars for student's development.



## **ENGINEERS DAY CELEBRATION**



## STUDENTS OUTSIDE PARTICIPATION

Our department students had participated various events in outside colleges.



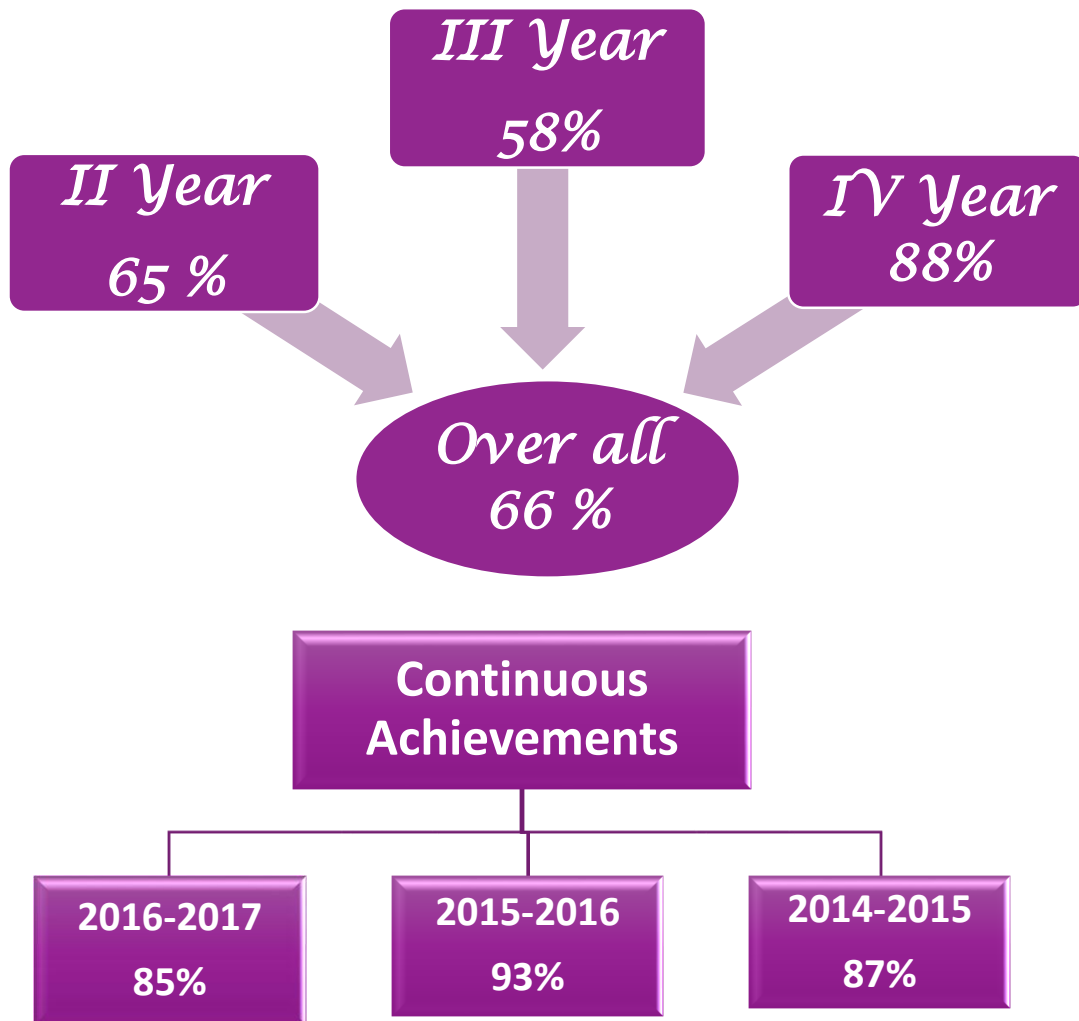
## GUEST LECTURE DETAILS

Our Department Conducted Internal and External Guest Lecture for Final Year, Third Year and Second Year Students at Seminar Hall at various occasions as detailed below so as to abreast the students with updated knowledge of the fields concerned.

S. NO.	Resource Persons	Topic	Participants	Date
1	Mr.S.Sekar,Assistant Professor, Department of S&H,PMC TECH, Hosur	SIMPLEX METHODS	Second Year	17-03-2018
2	Mr.A.Mohan,Assistant Professor, Department of S&H,Sara Nathan College of Engineering, Trichy	PROBABILITY AND QUEUNING THEORY	Second Year	04-01-2018
3	Dr. B. Madhu Sudhanan, Manager, Dhumramhate Technology, Bengaluru	Recent Technology in IT	Final Year	28-01-2018
4	Mr.J.A.Raja,Assistant Professor, Department of MBA ,PMC TECH, Hosur	TOTAL QUALITY MANAGEMENT	Third Year	21-02-2018
5	Mr.A.Mahesh,Assistant Professor, Department of MBA,PMC TECH, Hosur	DATABASE MANAGEMENT SYSTEM	Second Year	27-10-2017

## DEPARTMENT ACHIEVEMENTS

In Nov / Dec -2017 following is the result of our Department students



## LIST OF STAFF WHO ACHIEVED 100% RESULT

S.No	Name of the faculty	Subject
1	Mrs.R.Narmadha	Web Programming
2	Mrs.X.Ignatius Selvarani	Information Management
3	Mrs.P.Vanathi	Software Testing



## Faculty Endeavors

**Prof. S. Janakiraman**

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.

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**Mr.C.Sathish,  
Assistant Professor**

- Presented a paper titled “**Health Experts for Pets using Mobile Application**” in the International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies- 2017 at Bharath University, Chennai.
- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled “**Mobile App for complaining against social issues**” in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies- 2017** at Bharath University, Chennai.

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**Mrs. P. Vanathi,  
Assistant Professor**

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled “**Mobile App for complaining against social issues**” in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies- 2017** at Bharath University, Chennai.

**Mr. V.Kumararaja,  
Assistant Professor**

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled "Vehicle navigation and control system using mobile based GPS" in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies- 2017** at Bharath University, Chennai.

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**Mrs .X.Ignatius  
Selvarani  
Assistant Professor**

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled "Secure voting system through SMS and using Smartphone Application" in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies-2017** at Bharath University, Chennai.

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**Mrs .A.Maheshwari,  
Assistant Professor**

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled ""Academia Interactive Updation Using Android Application "in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies-2017** at Bharath University, Chennai.

**Mrs . R.Narmadha**  
Assistant Professor

- Attended two week ISTE STTP Workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** on from 30.01.2017 to 04.02.2017.
- Attended Two Days Faculty Development Program on **Introduction to Big Data Analytics** conducted by ICT Academy on 13.02.2017 & 14.02.2017.
- Attended Two Days Faculty Development Program **on Introduction to Mobile Application Development** conducted by ICT Academy 11.12.2017 & 12.12.2017.
- Attended Two Days Workshop on **Python Programming** conducted by CSI on 11.09.2017 & 12.09.2017.
- Presented a paper titled “Advanced privacy Identity for location of smart phone users” in the **International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies-2017** at Bharath University, Chennai.

### **STUDENT ACHIEVEMENTS**

Our Department has always supported and extended helping hand to Students whenever he/she exhibited earnest and conscientious activity intended to do or accomplish something. As a result they have made innumerable achievements as shown below;

S.NO.	Name	Program Title & Events	Venue	Achievements And Awards	Date
1	S.Lokesh Kumar & M.Sakthi	Paper Presentation	P.S.V. College of Engineering and Technology	Participated	28-02-2018
2	Ragu & Mano	Paper Presentation	P.S.V. College of Engineering and Technology	Second Prize	28-02-2018
3	G.Saravanan & K.R. Yogesh Baby	Paper Presentation	Government College of Engineering, Bargur	Participated	15.02.2018 & 16.02.2018
4	S.Lokesh Kumar & R.Vivekanandha	Paper Presentation	Government College of Engineering, Bargur	Participated	15.02.2018 & 16.02.2018
5	M.Sakthi & V.Govindaraj	Paper Presentation	Government College of Engineering, Bargur	Participated	15.02.2018 & 16.02.2018
6	S.Sridhar & M.Sakthi	National Level Seminar on Data Analytics in Healthcare System	Erode Sengunthar Engineering College, Perundurai.	Participated	14-07-2017 To 15-07-2017
7	V.Govindaraj, S.Lokeshkumar & R.Manikandan	National Level Seminar on Data Analytics in Healthcare System	Erode Sengunthar Engineering College, Perundurai.	Participated	14-07-2017 To 15-07-2017



S.NO.	Name	Program Title & Events	Venue	Achievements And Awards	Date
8	Arun A,Vijay V & Vijayabaskar J	Online Flower Marketing System Using Mobile Apps	Bharath University,Chennai	Participated	18.02.2017
9	Madhu V ,Pradheep Kumar M & JayakumarJ	Health Experts for Pets Using Mobile Apps	Bharath University,Chennai	Participated	18.02.2017
10	Manisha G Nath,Priya S, Soundarya E V & Suma P	Advanced privacy identity for location of smart phone users	Bharath University,Chennai	Participated	18.02.2017
11	Ambika N,Sailaja L,Sivaranjani E & Suruthipriyanga R	Android application for complaining against the social issues	Bharath University,Chennai	Participated	18.02.2017
12	Murali R,Shivam Kumar & Pugazhendhi.V	Vehicle Navigation And Control System Using Mobile Based GPS System	Bharath University,Chennai	Participated	18.02.2017
13	Chaithra T,Renukadevi R,Nethra.S & Tejasvi.K	Academia Interactive Updation Using Android Application	Bharath University,Chennai	Participated	18.02.2017
14	Akila V,Deepapriya K,Pankaja P & Preetha V	Regulating Multi User Privacy Conflicts In Social Media	Bharath University,Chennai	Participated	18.02.2017
15	Deepa N,Poovizhi K,Swapna N & Yogeswari M	Secure Cloud Environment For Backup And Data Storage Using Virtualization	Bharath University,Chennai	Participated	18.02.2017
16	Geethanjali R,Pavithra S,Shruthi M & Syamala R	Secure Voting System Through Sms And Using Smartphone Application	Bharath University,Chennai	Participated	18.02.2017
17	Chaithra T,Renukadevi R,Nethra.S & Tejasvi.K	National Conference	Er.Perumal Manimekalai College of Engineering,Hosur	Participated	25.03.2017
18	Priya S, Soundarya E V & Suma P	National Conference	Er.Perumal Manimekalai College of Engineering,Hosur	Participated	25.03.2017
19	Akila V,Deepapriya K,Pankaja P & Preetha V	National Conference	Er.Perumal Manimekalai College of Engineering,Hosur	Participated	25.03.2017

## **SPORTS DAY CELEBRATION**

Our Department students participated various sports events held on 25.01.2018 & 26.01.2018 and in the motivational perspective they were honored by our respected principal.



## **OUR DEPARTMENT LAB INFRASTRUCTURE**



## **TRAINING & PLACEMENT**

**AT PMC TECH from day one of students inception**, while the faculties of the department concern takes all best possible steps for in-depth instilling the subjects (hard skills) of their preferred field of studies, *the training department also goes in part with them to acquaint the students with best possible and essentially needed Soft skills*. This is because **placement being an ultimate goal** and our department achieved astounding positioning of students in reputed organizations in coordination with the **deployed Placement Team TRACKED UNDER THE GUIDANCE OF OUR PRINCIPAL**.

**T O T A L STUDENTS PLACED = 13 (STATUS AS ON MARCH 2018)**



**KASTHURI .M**



**NITHYA .S**



**RADHA .M**



**RIYAZI .H**



**SOWNDARYA .R**



**SUJITHRA .K.S**



**SWATHI. H.V**



**THEJA .N**

**HGS  
TECHNOLOGY**





**KASTHURI .M**



**MAHESH RAJ .S**



**NIKHILESH .V**



**NITHYA .S**



**RADHA .M**



**RIYAZI .H**



**SOWNDARYA .R**



**SUJITHRA K.S**



**VERTEX  
TECHNOLOGY**



**THEJA .N**



**MAHESH RAJ .S**



**INTEL TECH  
Pvt Limited**



KASTHURI .M



MANJESH .S

INTEL TECH  
Pvt Limited



LAVANYA .M



MANJESH .S



RIYAZI .H



SOWNDARYA R



SWATHI H.V

Aspire  
Pvt Ltd

**UNIVERSITY RANK HOLDERS (BATCH 2012-2016)**



MALLIKA S

**RANK 14**



REETHU SINGH E

**RANK 36**



## ALUMINI MEET



## PHOTO GALARY

