# PMC TECH
# Er. PERUMAL MANIMEKALAI
# COLLEGE OF ENGINEERING

# DEPARTMENT OF INFORMATION TECHNOLOGY

# ANNUAL NEWS  LETTER

Volume-1            Issue-1            March-2020

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**EDITOR**
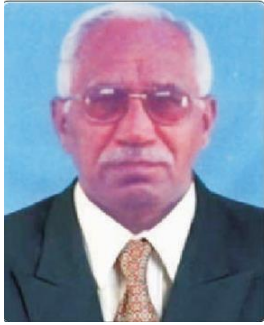
Mr A.Richard William M.E.,(Ph.D)

Mrs M.Manjurekha M.E

**STUDENT  EDITOR**

Ms. Bharathi IV Year IT

Ms Sathya III Year IT

# CHAIRMAN'S MESSAGE



*"Make of us the hero warriors we inspire to become. May we fight successfully the great battle of the future that has to be won against the past that seeks to endure, so that the new things may manifest and we are ready to receivethem"*

Welcome to PMC TECH, where academics and activities never end and the students are molded as future technocrats and business leaders. The Institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology through total. Commitment towards quality education and training. We instill our students with the strength of character, self-confidence technical competence and leadership in management. We propagate knowledge to the students with the help of dedicated faculty, state-of-the-art library and well-equipped labs along with audio-visual theatre. The institute has an enviable track record of academic excellence, which is coupled with hands-on industrial training, and innumerable industry- institute interaction, which makes each PMC TECH student ready to be absorbed in the company.

**Er. P.Perumal,B.E.,MIE.,FIV.,**

Chairman,

PMC TECH - Group of Institutions.

# SECRETARY'S MESSAGE



"The Institute not only extends good campus and state of the art computing facilities to the Students but also aims at giving those competencies that will make them leaders and trendsetters in their respective field, in this age of competition"

PMC TECH is committed to develop young minds for creative leadership in business and a proactive and useful role in social transformation. Today the need for being proactive and constructive is more acute than ever before due to the sweeping change influencing every aspect of our life. Therefore, there is need for action based on holistic training of youth to take on varied challenges of life. An opportunity to study at PMC TECH empowers a student to acquire knowledge and develop skills that will enable him to lead a highly productive, rewarding and holistic life. As a part of PMC TECH's commitment towards quality technical education and excellence, we embarked on promoting Faculty Development Program, Seminars, Workshops and Conferences, which will keep the faculty and students abreast of their field.

**Shri. P.Kumar,**

Secretary & Correspondent,

PMC TECH.

# TRUSTEE'S MESSAGE



*"The goal of education is the advancement of knowledge and the dissemination of truth"*

The rapid rate of technological advancement and the information revolution have opened new series of challenges as well as opportunities. We aim to prepare the students to be successful in their workplace. It aims to prepare the students with technical knowledge and capabilities, flexibility and an understanding of the societal context of corporate world. We give the students support and encouragement they need to reach their full potential. We strive to give professional education a new perspective and achieve perfection in all spheres. We provide a pleasant & intellectually stimulating environment. The main reason for our tremendous performance is the faculty, which makes PMC TECH stand out from the rest of engineering colleges and Institutes. I wish to assure all concerned that no efforts will be spared to bring PMC TECH as one of the top Technical education Institutions.

**Smt .P.Mallar,**

Trustee,

PMC TECH.

**"Education is the ability to listen to almost anything without losing your temper or self-confidence"**

PMC TECH is committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate training and wideexposure to the state-of-art practices. Our educational programmes lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more humane and socially alive to lead a meaningful life. This newsletter will help the students and faculty members to make them aware of different activities of their department as well as the other departments and will develop a better culture and academic environment. Further this will boost the morale of students and faculty to participate in future activities.

**Smt .S.Sasirekha,**
Trustee,
PMC TECH.

# PRINCIPAL MESSAGE

**"I believe that education is not just about teaching curriculum, it is also about the development of human intellect, capability to think independently and speak articulately. Through numerous student activities the college imparts all these life skills in students. Education in PMC TECH also emphasizes on development of personality, inter-personalskillsandinstillingtherightvalues"**

With a devoted and highly qualified set of faculty members, well provided infrastructure and efficient administrative staff, we always impart best education by giving in depth knowledge in the subject. We know that mere education does not make you a complete man / woman.. With our rich library, we want you to develop reading habits. We always endeavor that when student go out. They should be recognized as highly knowledgeable, amiable, active and greatly trust worthy individual. Thanks to the educationally committed management, we have the reputation that we provide all the facilities and amenities. May be because of all these,. I am thankful to all my colleagues who are striving hard to establish PMC TECH as one of the leading Engineering Institutions.

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

Principal.

# HOD 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 ourDepartment 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.**

**Dr P.Thinakaran**

**HOD/IT**

# PMC TECH-ANOVERVIEW

PMC TECH group of Institutions consisting of Engineering College, polytechnic and ITI were established in the year 1996 by Er.Perumal B.E, M.I.E, FIV, Our founder and Chairman and sponsored by Er.Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamilnadu.

Er.Perumal Manimekalai College of Engineering, established in the Academic year 2002-03 is approved by All India Council for Technical Education (AICTE) and affiliated Anna University.

PMC TECH creates unique opportunities, provides individualized educational challenges, promotes high order thinking skills and maintains a strong tradition of academic excellence for students. The college is equipped with world class infrastructure and highly qualified, experienced faculty members. An active Placement Training and Welfare Cell is functioning with full enthusiasm with the aim of placing the students in top-notch companies. PMCTECH, a 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.

# ABOUT THEDEPARTMENT

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.

# TECHKATHON-2K19



*Third year IT student T.Krishnamoorthi won the Third place in the Tachkathon-2K19*

**Mr.T.Krishna Moorthi** of Third Year Information Technology student participated and submitted the project in the event of **"TECHKATHON-2K19"** organized by the Er.Perumal Manimekalai College of Engineering, Hosur on 07.09.2019. They were won the Third Place and got the Intership Training at L & T Infotech Chennai.

# Technival -2K19



*On the occasion of releasing the Souvenir*



*The Chief Guest honored by our Principal madam*

*The best performance student honored in the Symposium by Principal madam*

The Department of Information Technology organized a one day National Level Technical Symposium on **"TECHNIVAL-2K19"** on 21.09.19. **Er.P.Perumal**, presided over the function. **Shri. P. Kumar**, Secretary & Correspondent delivered the Felicitation Address. **Smt.P.Mallar,** Trustee delivered the Special Address. **Dr P.Thinakaran**, Head of the Department delivered the Welcome Address.**, Dr V.G Subramanian Scientific officer Raman research Institute Bengaluru** , was Chief Guest and delivered the Keynote Address. In this Symposium about 60 participants were participated and presented their papers. Finally **Mr.A.Richard William, AP** of Information Technology ering proposed the Vote of Thanks.

# WORKSHOP

| S.No | Title of event | Date | Chief Guest /Speaker | No of Participants | YEAR/ SEM |
|------|----------------|------|----------------------|--------------------|-----------|
| 1 | Hands-on Training on cloud infrastructure Essential with Artificial intelligence | 29.06.19 | Mr M.Yogees Kumar Technical lead L & T info Tech Chennai | 32 | IV/VII |
| 2 | "Network Simulation Analysis and Glomo Sim " | 20.07.19 & 22.07.19 | Mr V.Sasi Kumar Data Engineer, Walmart Labs Bangalore | 36 | III/V |
| 3 | Introduction to IOT & Basic hardware components and Assemblies | 16.07.19 | Dr Balaji Ganesh Vellammal College of Engineering Chennai | 38 | II/III |

**cloud infrastructure Essential with Artificial intelligence**



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*Workshop on* **cloud infrastructure Essential with Artificial intelligence**

The Department of Information Technology organized a one day Workshop on **"cloud infrastructure Essential with Artificial intelligence"** on 29-06-2019 for the benefit of Final year students. Mr M.Yogees Kumar Technical lead L & T info Tech Chennai was the Chief Guest and given the Lecture with hands on Training.

**Network Simulation Analysis and Glomo Sim**



*Two days Workshop on* **Network Simulation Analysis and Glomo Sim**

The Department of Information Technology organized a two days Workshop on **"Network Simulation Analysis and Glomo Sim"** during 20-07-2019 & 21-07-2019 for the benefit of Third year students. Mr V.Sasi Kumar  Data Engineer,Walmart Labs Bangalore was the Chief Guest and given the Lecture with hands on Training.

**Introduction to IOT & Basic hardware components and Assemblies**



*Two days Workshop on* **Introduction to IOT & Basic hardware components and Assemblies**

The Department of Information Technology organized a two days Workshop on **"Introduction to IOT & Basic hardware components and Assemblies"** during 17-07-2019 & 18-07-2019 for the benefit of Third year students. Dr Balaji Ganesh Vellammal College of Engineering Chennai was the Chief Guest and given the Lecture with hands on Training.
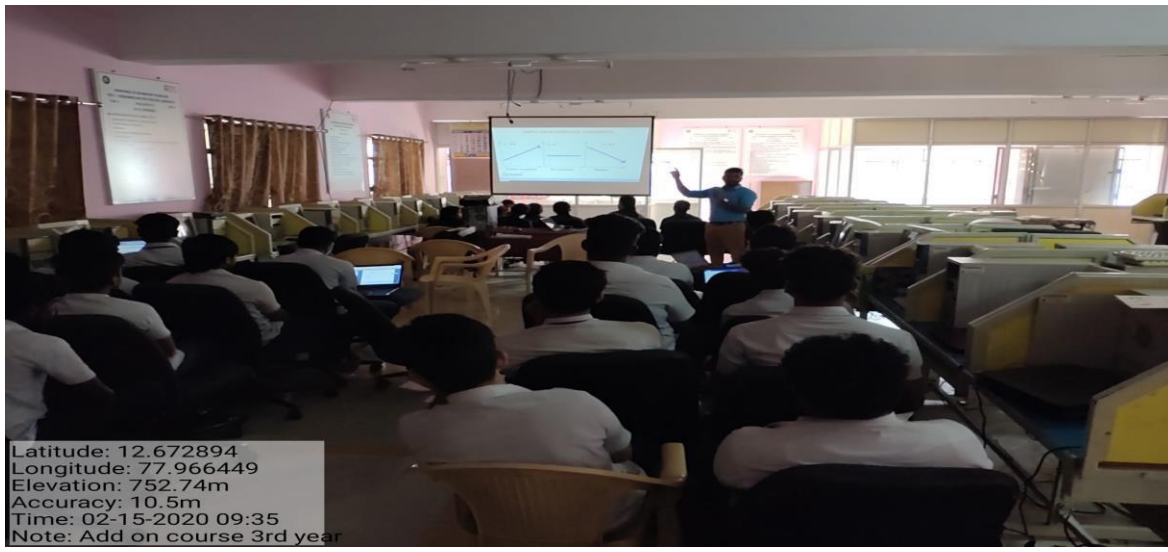
# Add on courses

| S.No | Title of event | Date | Chief Guest /Speaker | No of Participants | YEAR/ SEM |
|---|---|---|---|---|---|
| 1 | Robotic Automation Processing & Cyber Security | 24.02.2020 to 28.02.2020 | Mr M.Yogees Kumar Technical lead L & T info Tech Chennai | 32 | IV/VII |
| 2 | Computational Intelligence with Machine Learning and its AI Applications | 15.02.2020 to 20.02.2020 | Mr Jai Sarathy Oneyes Technologies Pvt Ltd Chennai | 36 | III/V |
| 3 | Contemporary DBMS and its Applications | 14.02.2020 to 19.02.2020 | Mr Vadivel Oneyes Technologies Pvt Ltd Chennai | 38 | II/III |

**Robotic Automation Processing & Cyber Security**



The Department of Information Technology organized a Add on course on **"Robotic Automation Processing & Cyber Security""** during 24.02.2020 to 28.02.2020 for the benefit of Final Year students. **Mr** M.Yogees Kumar Technical lead L & T info Tech Chennai was the Chief Guest and given the Lecture with hands on Training.

**Computational Intelligence with Machine Learning and its AI Applications**



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*Add on course  on* Computational Intelligence with Machine Learning and its AI Applications

  The Department of Information technology organized a Add on course on **"Computational Intelligence with Machine Learning and its AI Applications"** during 15.02.2020 to 20.02.2020 for the benefit of Third year students. **Mr.G.JayaSarathy,** Trainer, One Yes Technology, Chennai was the Chief Guest and given the Lecture with hands on Training.

**Contemporary DBMS and its Applications**



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*Add on course  on* **Contemporary DBMS and its Applications**

The Department of Information technology organized a Add on course on **"Contemporary DBMS and its Applications "** during 14.02.2020 to 19.02.2020 for the benefit of Second year students. **Mr.vadivel,** Trainer, One Yes Technology, Chennai was the Chief Guest and given the Lecture with hands on Training.

# INDUSTRIAL VISIT

| S.NO | DEPARTMENT &YEAR | ORGANISATION VISITED WITH ADDRESS | DATE | NO.OF STUDENTS |
|------|------------------|-----------------------------------|------|----------------|
| 1 | IT II Year | Jawahralal Nehru Planetaurium Bangalore | 31/08/2019 | 38 |
| 2 | IT III Year | CSIR Bangalore | 09/09/2019 | 36 |
| 3 | IT II Year | C-Dac Bangalore | 31/01/2020 | 38 |
| 4 | IT III Year | IIITB _Bangalore | 28/02/2020 | 36 |
| 5 | IT –IV Year | CSIR Bangalore | 19/12/2019 | 32 |

**Jawahralal Nehru Planetaurium Bangalore**



*One day Industrial Visit at* **Jawahralal Nehru Planetaurium Bangalore**

The department Information Technology has been arranged a one day Industrial Visit at **"Jawahralal Nehru Planetaurium Bangalore",** Bangalore to the Second year IT students on 31.08.2019. Mr A.Richard William, AP/IT and MrS.R.Vinusha AP/IT are the coordinators.

# CSIR BANGALORE



### One day Industrial Visit at CSIR Bangalore

The department Information Technology has been arranged a one day Industrial Visit at **"CSIR Bangalore",** to the Third year IT students on 09.09.2019 . Mr A. Richard William, AP/IT and Mrs.M.Manjurekha AP/IT are the coordinators.

**C-DAC Bangalore**



*One day Industrial Visit at C-DAC Bangalore*

The department Information Technology has been arranged a one day Industrial Visit at **"C-DAC Bangalore",** Bangalore to the Second year IT students on 31.01.2020. Mr A.Richard William, AP/IT and MrS.R.Vinusha AP/IT are the coordinators

**IIITB BANGALORE**



*One day Industrial Visit at IIITB, Bangalore*

The department Information Technology has been arranged a one day Industrial Visit at **"IIITB Bangalore",** on 28.02.2020 to the Third year IT students. Mr A. Richard William, AP/IT and Mrs.M.Manjurekha AP/IT are the coordinators.

**CSIR BANGALORE**



*One day Industrial Visit at CSIR Bangalore*

The department Information Technology has been arranged a one day Industrial Visit at **"CSIR Bangalore",** on 19.12.2019 to the Final year IT students. Mr A. Richard William, AP/IT and Mrs.R.Vinusha AP/IT are the coordinators.

# GUEST LECTURE

## PROBABILITY AND STATISTICS



*Guest Lecture on Probability & Statistics*

A Guest Lecture on **"*Probability & Statistics*"** was conducted by Department of Information Technology on 29.02.2020 to the Second year students. **Dr D.Mohanraj** , ASP/Maths Arunai Engineeirng Thiruvanamalai of our institution was delivered the lecture.
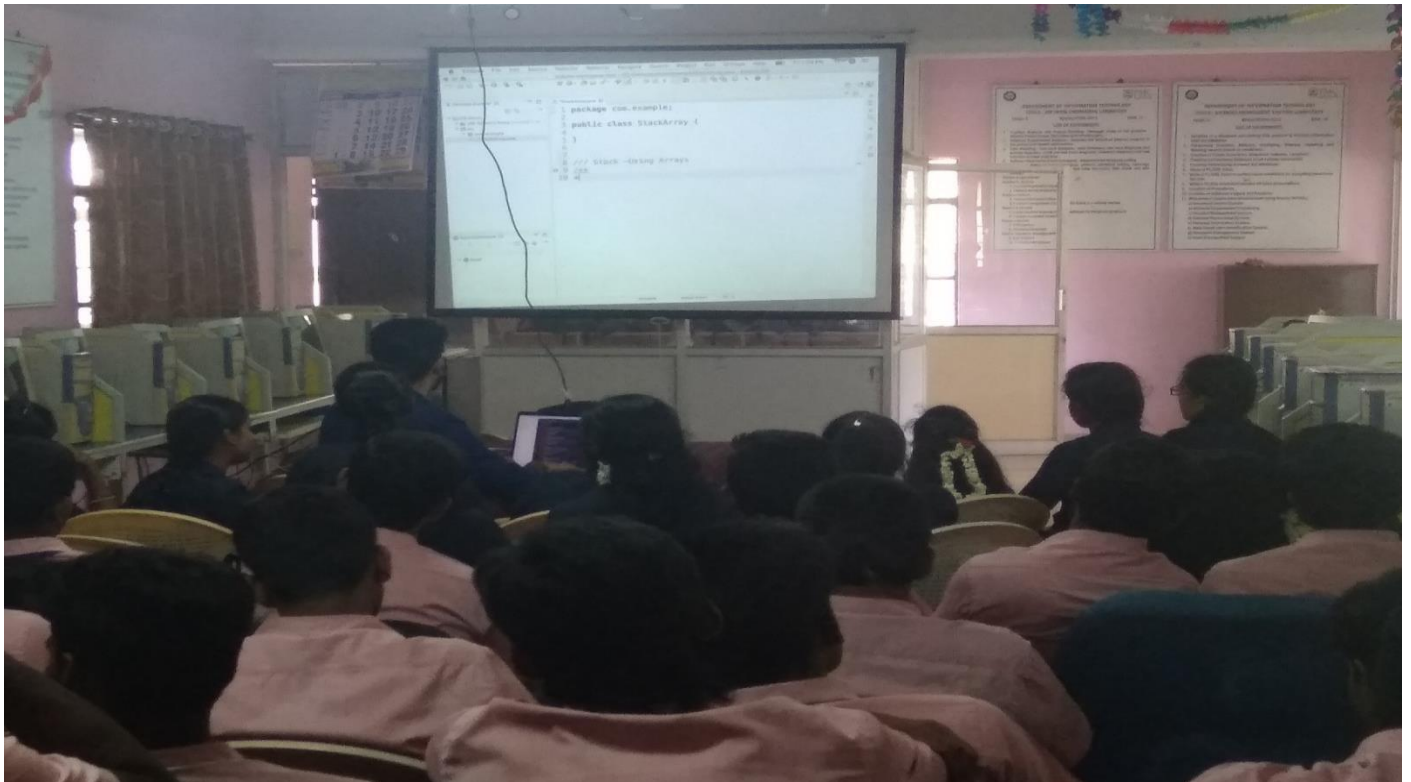
## Discrete Mathematics



*Guest Lecture on Discrete Mathematics*

A Guest Lecture on **"*Discrete Mathematics*"** was conducted by Department of Information Technology on 18-07-2019 to the Second year students. **Dr Mohanraj,** ASP/Maths Venkateswara Engineering College Chennai was delivered the lecture.

## TECHNICAL SEMINAR

| S.NO | TITLE OF EVENT | CHIEF GUEST/SPEAKER | DATE | NO OF STUDENTS PATICIPATED | YEAR/SEM |
|------|----------------|---------------------|------|----------------------------|----------|
| 1 | Recent Trends in IT | Mr V.Sasi Kumar Data Engineer, Walmart Labs Bangalore | 28/06/2019 | 38 | II/III |
| 2 | Hackathon | Dr T.Senthil Kumar Amritha School of Engineering Coimbatore | 23/07/2019 | 32 | IV/VII |
| 3 | Cyber Security | Mr M.Yogees Kumar Technical lead L & T info Tech Chennai | 25/02/2020 | 32 | IV/VII |

## Recent Trends in IT



*Technical Seminar on* **Recent Trends in IT**

A Technical Seminar on **"Recent Trends in IT"** was conducted by Department of Information Technology on 28.06.2019 to the Second year students. Mr V.Sasi Kumar Data Engineer,Walmart Labs Bangalore, was the Chief Guest and gave the lecture in the Seminar.
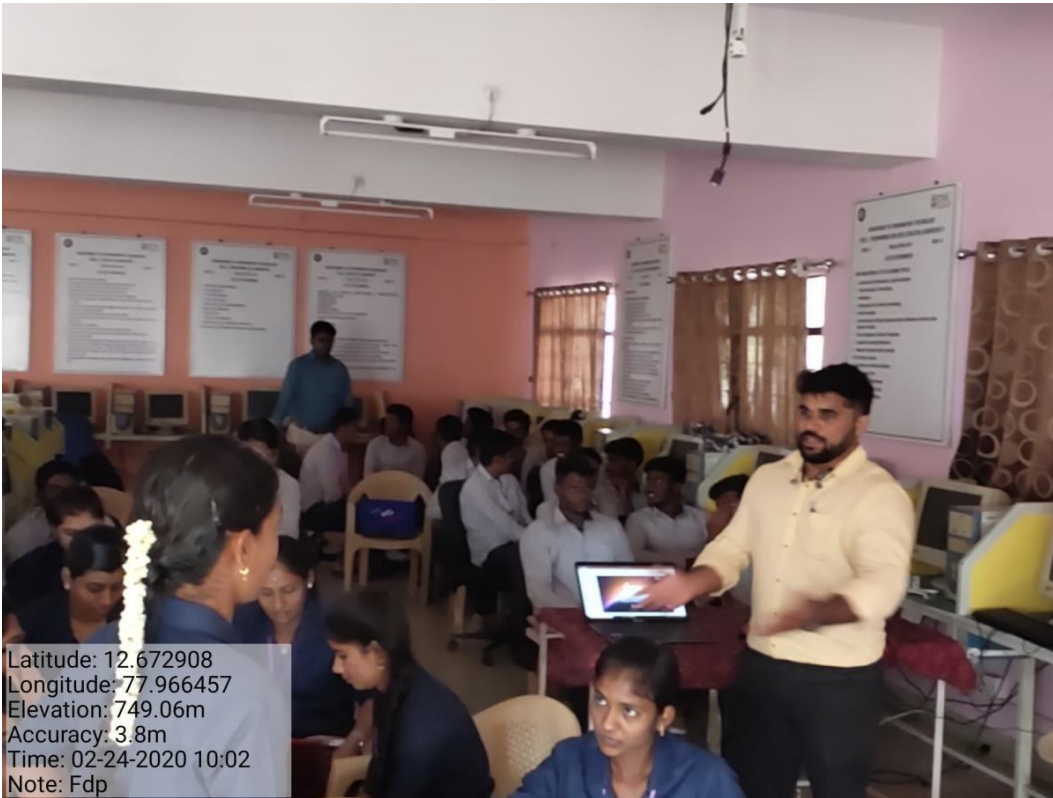
# HACKATHON



*Technical Seminar on Hackathon*

A Technical Seminar on **"*Hackathon*"** was conducted by Department of Information Technology on 23-07-2019 to the final students. Dr T.Senthil Kumar Amritha School of Engineering Coimbatore was the Chief Guest and gave the lecture in the Seminar.

# CYBER SECURITY



*Technical Seminar on* Cyber Security

A Technical Seminar on **"*Cyber Security*"** was conducted by Department of Information Technology on 24.02.2020 to the final students. **MrYogees kumar L&T Infotech Chennai,,** was the Chief Guest and gave the lecture in the Seminar.

# PLACEMENT

## 2020 Current student Placed in Teleperformance

| S.no | Name of the Student | Year/Sem |
|------|---------------------|----------|
| 1. | Srinivas.N | IV/VIII |
| 2. | K.Madhumitha | IV/VIII |
| 3. | Jayabharathi.T | IV/VIII |
| 4. | Thaibaanjum | IV/VIII |
| 5. | Y.SakthiGanesh | IV/VIII |
| 6. | Prakash | IV/VIII |
| 7. | Jackraj K.C | IV/VIII |
| 8. | Bharathi.V | IV/VIII |
| 9. | Hemasri.M | IV/VIII |

## All Sec Technologies Pvt Ltd

| S.no | Name of the Student | Year/Sem |
|------|---------------------|----------|
| 1. | Naveen Kumar.S | IV/VIII |
| 2. | Varsha.M | IV/VIII |
| 3. | Anusha.V | IV/VIII |
| 4. | Anjali.R | IV/VIII |
| 5. | Mercy.S | IV/VIII |
| 6. | Madhusudhan.P | IV/VIII |