

MAHENDRA COLLEGE OF ENGINEERING

EVENT REPORT – SEMINARS AND WORKSHOPS

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the Event - ICMR sponsored Two Days Seminar on “Advanced Methods for the Synthesis of Biomaterials in Implantology”

Date of Event - 24.07.2017 -25.07.2017

The event started with prayer song in the presence of Heads of various Departments, Faculties and students of Biomedical Engineering.

Dr.Samson Ravindran, Executive director, Mahendra group of Institutions . Initially he appreciated the title of seminar and the importance of the topics in the seminar. In his speech he added that the biomaterials were used in dentistry from ancient period and also expressed his joy in visualizing the growth in the field of biomaterials

Dr N.Malmurugan, Principal Felicitated the gathering with his energetic words, in his speech he mentioned the importance of biomaterials in the future and also encouraged the gathering to attend the seminar with great interest, which will provide various ways in improving research in the field of biomaterials.

Dr.N.Mohana Sundara Raju, Dean-Academics in his speech applauded the department’s effort in organizing such a meaningful event, he also encouraged the students to take interest in the seminar and make use of the seminar for research.

Day-1 Key note Address:

Dr. Asokan Thondiyath, eagerly addressed the gathering and shared his wide spectrum of knowledge. He highlighted the growth of material science in the field of biomedical engineering and also shared his knowledge on synthesizing biomaterials for healthcare applications in his speech. His speech is remarkable and the audience was impressed with his immense knowledge on material sciences.

Day-2 Key note Address:

Dr. S. Raghavan B.E., M.Sc (Engg)., Ph.D eagerly addressed the gathering and shared his wide spectrum of knowledge. He highlighted the bio implantable antenna design & for drug delivery growth of material science in the field of biomedical engineering. His speech is remarkable and the audience was impressed with his immense knowledge on bioimplanting.

Vote of thanks

Dr.K Swaminathan Associate Professor/Head, Department of Biomedical Engineering, thanked the Management for providing their support for the event and thanked Indian Council of Medical Research (ICMR) for providing grants.



(Day-1 Presidential Address)



(Day-1 Key note Address)



(Day-2 Key note Address)

Guest Lecture on

“LATEST INNOVATIVE TECHNIQUES IN ELECTROMYOGRAPHY (EMG)”

Date: 29.01.2018

The department of Biomedical Engineering in relationship with “Biomedical Engineering Society of India (BMESI)” organized a guest lecture on “*Latest innovative techniques in EMG*” on 29.02.2018, 2 pm in the ambient seminar hall located at IT block, MCE Salem.

The objective of this Lecture is to avail students the latest techniques on Electromyograph, which will lead to open a varied job vacancies and creating awareness on students to undergo research on EMG.

Dr. V. David Chelladurai, PT., DPT, Doctor of physical therapy, Clinical Lecturer and Physical Therapist, McLaren Healthcare Corporation, Flint, Michigan, USA. A renowned Physiotherapist with vast experience in the field has agreed to give the lecture.

The Lecture session had audience of 140 students belonging to the department of Biomedical Engineering along with faculties of various departments having interest in the Lecture.

The session begins with auspicious “Thamizh Thai Vazhthu”(Prayer song) followed by lightening Kuththu Vizhakku (Artistic Bronze Lamp).

Dr. N. Malmurugan Principal, Mahendra College of engineering welcomed the gathering.

Dr.R.Samson Ravindran, Executive Director, Mahendra Engineering Colleges delivered the Presidential address.

Dr. K. Swaminathan, Head of the Department, Biomedical Engineering, MCE, Gave brief introduction to the guest.

In Presence of Dignitaries **Dr.R.Samson Ravindran**, Executive Director, Mahendra Engineering Colleges and **Dr. N. Malmurugan** Principal, Mahendra College of Engineering honored **Dr. V. David Chelladurai** with a memento and with Silk shawl to express their gratitude on his presence.

Dr. V. David Chelladurai, gave his important lecture on recent trend setting technologies in acquiring EMG and how to be professional in handling such signals, he also encouraged students to be a part of change that is upcoming. In his speech he shared abundant knowledge to the students which would benefit them for their future career and present academics, students were brightly enlightened by his speech on latest technologies. He also interacted with students and answered their questions, this interaction would benefit the students for their career perusal.

Dr. N. Mohana Sundara Raju, Dean-Academics, Mahendra College of Engineering, Thanked the guest and the gathering.

(Honouring chief guest)

(Keynote address by Guest)

(Students interaction session)



Three days workshop on
“Medical Device Innovation: from Ideation to Commercialization”

Date: 26.09.2017 -28.09.2017

Three days workshop on “Medical Device Innovation: from Ideation to Commercialization” was organized by the Department of Biomedical Engineering, in Mahendra College of Engineering, Salem Campus, Minnampalli, Salem on 26.09.2017 -28.09.2017. Around 220 students from various Educational Institutions and Industries participated in this workshop and made this program a grand success. Mr. A. Vijayarajan eagerly addressed the gathering and shared his knowledge. He highlighted a researcher interested in developing or translating new or improved medical devices. His speech is remarkable and the audience was impressed with his immense knowledge on Medical device development. Followed by the key note address Mr. A. Vijayarajan, Founder and CTO, InnAccel Technologies, Bangalore delivered a few ideas about “*Medical Device Development - a Practitioner’s Perspective*”. Then, Dr. K. Swaminathan HoD/ Biomedical / MCE discussed about the “*Essential Ingredients to form a successful MedTech Start up and Biodesign Process: Inventing medical devices*” and shared his wide spectrum of knowledge in “*Biodesign: The Process of Innovating Medical Technologies*”. Followed by Dr. S. Gayathri, B.E, MBA, PhD had presented her view on the “*Importance of business plan and elevator pitch for Entrepreneurs.*” Mr. Yashwanth Manivannan Microsoft, Vancouver, Canada delivered a few ideas about “*Azure in health care applications and Application of Microsoft Hololens in healthcare.*” Dr. Asokan Thondaiyath Professor, Engineering design Department, IIT – Madras gave a brief lecture on “*Advancement in robotic surgery.*”



(Day 1 key note address)



(Day 2 key note address)



(Day3 key note address)



(Validictory address)

DEPARTMENT OF CIVIL ENGINEERING

Special Lecture on "Clock Towers in India" by Prof.K.Prasad Babu , HoD/Civil .

Date of Event / Programme / Information, MoU, Celebration, etc: 13.02.2016

There are many Clock Towers in the world , which have become the landmarks for the countries. A notable example being Big Ben Clock Tower in London. In India, there are many clock towers in several cities, which have become an identity for that city. In Mysuru Infosys Campus, a tall digital clock tower has been constructed which has become iconic in the recent past. A special lecture on this topic was delivered by Prof.K.Prasad Babu, which was widely enjoyed by the students.



Workshop on "Advanced Surveying using Total Station and GPS" .

Date of Workshop : 7th March 2016.

A workshop on "Advanced Surveying using Total Station and GPS" was conducted on 7th March 2016. A total number of 200 students of civil engineering participated and got benefitted. Total Station is a surveying equipment which can be used to prepare the contouring large areas of land in short time. The readings taken during the survey can be transferred to a computer and maps can be prepared. Students were enlightened on the working principles of Total Station and GPS by Mr.Rajkumar.



Workshop on "Bloom's Taxonomy" for all the HoDs.
Date of Workshop : 01/06/2016.



Event: **Concrete Day Celebrations and Project Exhibition**

Date of event : 08/09/2016.

Concrete Day was celebrated on 8th September 2016 . The Inaugural function was conducted in the Auditorium. Mr.Arunachalam, Retd., Civil Engineer from BSNL was the chief Guest. He spoke on the importance of good concrete in the construction Industry and provided valuable suggestions for efficient and economical concrete design. Students actively participated in the Project Exhibition where innovative concrete products were displayed.



Workshop on "Bloom's Taxonomy" for the Faculty Members.

Date of event : 16/11/2016.

The Resource person, Prof. K. Prasad Babu explained in detail on the six levels of Thinking in Bloom's taxonomy, citing Key words and sample verbs with sample questions. He also elaborated on changes in the Revised Bloom's Taxonomy.

The Resource person also dealt on the application of Bloom's Taxonomy in Engineering Education.

In the afternoon session, hands on experience given to the participants by taking up one Anna University Question paper and identifying the level of questions and finally arriving at the % of each level of question. The session came to a close at 4.00 pm.



Name of the Event / Programme : **Orientation Program**

Date of Event / Programme : 12th July 2017 & 21st July 2017

Orientation Program on “IT Elements”

The event started with the formal inaugural function at 10.00 am in Auditorium on 12th Jul 2017. Mr. S. Sathishkumar, Sr.EDAEngineer, Livewire, Salem, Mr. Rajkumar, Security Analyst, Livewire, Salem Dr. N. Malmurugan, Principal MCE, Dr. N. Mohanasundara Raju Dean-Academics and Dr. H Lilly Beulah, HOD CSE were present on the dais. The function started with invocation song followed by lightning the lamp, followed by welcome speech given by Dr. H Lilly Beulah HoD/CSE. Beloved Principal Dr. N. Malmurugan address the gathering, Dean – Academics Dr. N. Mohanasundara Raju felicitates the gathering and both shared their ideas and views. The chief guest Mr.S.Sathishkumar and Mr.Rajkumar was honored with a memento by the Principal, Dean Academics & HoD /CSE as a token of thanks later the chief guests gave us an inspirational speech.

The function has continued with a long session with topics discussed such as opening, recent trends and employments in IT elements. A brief On 12th Jul 2017 Valedictory function started by 3.45 pm with Dr. N. Malmurugan, Principal, MCE, Dr. N. Mohanasundara Raju, Dean-Academics, Dr. H. Lilly Beulah, HOD/CSE Mahendra College of Engineering. Students from various departments shared their experience about sessions and openings. The function was finally ended by thanking management, Principal, HoD, Faculties, Non-teaching staff and students who worked for this event to make this event a grand success.



One day **Orientation Program** on “IT Elements” on **12-07-2017** by the resource person **Mr.S.Satishkumar & M. Rajkumar**, Livewire, Salem

Name of the Event / Programme : **National Level Seminar**

Date of Event / Programme : 20th July 2017 & 21st July 2017

National level seminar on “**Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud based Processing**”

The Workshop titled “Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud Based Processing” was organized by the Department of Computer Science and Engineering, Mahendra College of Engineering, Salem Campus, Minnampalli, Salem on 20.07.2017 and 21.07.2017. This seminar was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally 150 students from various colleges have participated in this workshop. The Program started at 9.30am on 20.07.2017 in MCE Seminar Hall. The welcome address was given by **Dr.H.Lilly Beulah**, Professor and Head, Department of Computer Science and Engineering. She has delivered the welcome address for the Chief Guest **Mr. A.T. Kishore**, Principal Consultant in Telecom, UTL Technologies, and Bangalore. Also she welcomed the Principal, Dean-Academics, Hods, faculty members and all students.

The presidential address was given by Principal **Dr. N. Malmurugan**. He spoke about the purpose of conducting this kind of workshop and Importance of IoT. He encouraged the faculty members to organize more number of seminars in upcoming semesters. The felicitation address was given by Dean/Academics **Dr. N. Mohanasundara Raju**. He congratulated the department for getting the sponsorship from ICMR and also he mentioned the purpose of conducting national level seminar on IoT especially on Medical field.



National Level Seminar on Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud Based Processing held on 20th & 21st July 2017

Name of the Event / Programme : **Seminar**

Date of Event / Programme : 30th August 2017

One Day Seminar on “**Problem solving and Python Programming**”

A one day seminar on Problem solving and Python Programming held on 30.08.2017 at Seminar Hall, Mahendra College of Engineering, Salem. By 9:30 AM, the Event is inaugurated by **Dr.H.Lilly Beaulah**, HOD- Department of CSE, she gave the detailed purpose of learning the Python Language. Then, followed by **Dr.N.Malmurugan**, Principal, He explained about python language and gave some real time examples, of the python language and explained its importance. Then the Chief Guest **Mr.Palanivel**, Product Specialist, Software Development, Livewire, Chennai is honored by our Principal. The event gets started, **Mr.Palanivel** addressed himself. The basics of python Language is briefly explained to the students of 1st Year by him. He also explained the various modes of python Language like interactive mode and script mode. So, that the students came to know how to work in the interactive mode and how to save a file using the script mode. He gave many real time programs and explained to the students and showed the execution of programs.

At the end of the session, **Dr.N.MohanaSundhara Raju**, Dean-Academics, who gave the wonderful speech about python and insist the students to learn more about python and he ended the speech with vote of thanks, in the way of thanking everyone who supported to make that event a very successful one.



One Day Seminar on “Problem solving and Python Programming” held on 30th Aug 2017 in Mahendra College of Engineering, Salem by the resource person Mr.S.Palanivel, Product Specialist, Livewire, Chennai

Name of the Information : **Webinar on “IoT Platform” by Infosys**

Date of Information : 29th August 2017

Campus Connect Webinar on “IoT Platform”

Infosys Campus Connect (CC) is pleased to announce a Webinar series on IoT for the CC Partnering Institutions. WEBINAR or [Web](#)-based seminar is an effective virtual communication and collaboration medium using Internet. WEBINAR helps to bring together Subject Matter Experts (SMEs) and target audience i.e. students in a virtual meeting room and allow them to share the knowledge and discuss effectively. Totally 62 students are benefited from this webinar and they were learned about IoT through Infosys industrial resource person.

Webinar Topic: "IoT Platform"

Date & Duration: 29th August 2017, 2:30 PM to 3:30 PM

Speakers: *Nithyalakshmi P. and Anuj Jajoo, Infosys Campus Connect Team.*



Campus Connect Webinar on “IoT Platform” on 29th Aug 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “Elements of IoT Confirmation” by Infosys**
Date of Information : 31st August 2017

Campus Connect Webinar on “Elements of IoT Confirmation”

We have conducted a webinar on “Elements of IoT Confirmation” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: "Elements of IoT "

Date & Duration: 31st August 2017, 11:00 AM to 12:30 PM

Speakers: *Neena Mary and Anuj Jajoo, Infosys Campus Connect Team.*

Target audience: *Faculties and students*



Campus Connect Webinar on “Elements of IoT Confirmation” on 31st Aug 2017 at Mahendra College of Engineering, Salem

Name of the Event / Programme : **Guest Lecture cum Hands on Training**

Date of Event / Programme : 21st Sep 2017 & 22nd Sep 2017

Two Days Guest lecture cum hands on training on “Grid and Cloud Computing”

Two Days Guest lecture cum hands on training on “Grid and Cloud Computing” was organized at Mahendra college of Engineering- Salem, on 21st Sep 2017 & 22nd Sep 2017. The welcome address was delivered by Dr. H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions. Dr.N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The inaugural address of the chief guest was given by Dr H. Lilly Beaulah, Prof & Head of CSE Department. The main objective of this programme was to impart grid and cloud computing among the engineering students and to enhance their skill to become strong in latest technology. After the inauguration function, the session was handled by Dr. Neela Madheswari, Professor of CSE, Mahendra Engineering College. She spoke about grid and cloud installation, writing programs in cloud linux os, running programs in cloud etc., All the third year students had enjoined this session and they were made interaction with speaker in an effectively.



Two Days Guest lecture cum hands on training on “Grid and Cloud Computing” held on 21st & 22nd Sep 2017 at Mahendra College of Engineering, Salem and the Resource Person was Dr. Neelamadheswari, Professor of CSE.

Name of the Event / Programme : Guest Lecture cum Hands on Training

Date of Event / Programme : 15th Sep 2017 to 16th Sep 2017

Two Days Guest lecture cum hands on training on “Graphics and Multimedia”

The event started with the formal inaugural function at 10.00 am in seminar hall on 15th Sep 2017. **Mr. Kaviarasu Yoganand** Iconic IT Professional Society, Chennai, **Dr. N. Malmurugan**, Principal MCE, **Dr. N. Mohanasundararaju** Dean-Academics, **Dr.H Lilly Beulah** HOD CSE were present on the dias. The function started with invocation song followed by lightning the lamp, followed by welcome speech given by Dr.H Lilly Beulah HoD/CSE. Beloved Principal **Dr. N. Malmurugan** address the gathering, Dean – Academics **Dr. N. Mohanasundararaju** felicitates the gathering and both shared their ideas and views.

The chief guest **Mr. Kaviarasu Yoganand** was honored with a memento by the Principal, Dean Academics & HoD /CSE as a token of thanks later the chief guest gave us an inspirational speech. The formal function was over and had a break for 15 minutes. Later the hands on training started at Laboratory 3& 4. The resource person could cover **GIMP** software with basic tools on 15th Sep 2017 and covered **BLENDER** software and its basic tools on 16th Sep 2017 with proper breaks in between the session. On 16th Sep 2017 Valedictory function started by 3.45 pm with **Dr. N. Malmurugan**, Principal MCE, **Dr. N. Mohanasundararaju** Dean-Academics, **Dr. H Lilly Beulah**, HOD-CSE Mahendra College of Engineering. Faculties from various Intitutions shared their experience about FDP. The function was finally ended by thanking management, Principal, HoD, Faculties, Non-teaching staff who worked for this event to make this event a grand success.



Two Days Guest Lecture cum Hands on Training on “Graphics & Multimedia” held on 15th & 16th Sep 2017 by the resource person Mr. Kaviarasu Yoganand, Iconic IT Professional Society, Chennai

Name of the Information : **Webinar on “IoT Communication Model” by Infosys**
Date of Information : 6th September 2017

Campus Connect Webinar on “IoT Communication Model - WPAN Technologies”

We have conducted a webinar on “IoT Communication Model - WPAN Technologies” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: " IoT Communication Model - WPAN Technologies "

Date & Duration: 6th September 2017, 02:45 AM to 4:00 PM

Speakers: Lakshmi Rao and Anuj Jajoo, Infosys Campus Connect Team.

Target audience: Faculties and students



Campus Connect Webinar on “IoT Communication Model - WPAN Technologies” on 6th September 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “LPWA communication technologies” by Infosys**

Date of Information : 8th September 2017

Campus Connect Webinar on “LPWA communication technologies”

We have conducted a webinar on “**LPWA communication technologies**” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: " LPWA communication technologies "

Date & Duration: 8th September 2017, 02:45 AM to 4:00 PM

Speakers: Lakshmi Rao and Anuj Jajoo, Infosys Campus Connect Team.

Target audience: Faculties and students



Campus Connect Webinar on “LPWA communication technologies” on 8th September 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “UI Technologies” by Infosys**

Date of Information : 20th September 2017 to 5th October 2017

Campus Connect Webinar on “UI Technologies”

We have conducted a webinar on “UI Technologies” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

This webinar will introduce students to UI Technologies like Bootstrap, TypeScript and Angular JS. Students can practice Hands-on during this webinar.

Speakers: *Kalpana Balaraman, Lead, ETA and Sahana Kumaraswamy, Lead, ETA*

Date & Duration:

Sl. No	Topic	Date	Time
1	HTML5	Wednesday, 20 th September 2017	2:30 PM to 4:30 PM
2	CSS	Thursday, 21 st September 2017	2:30 PM to 4:30 PM
3	Twitter Bootstrap	Tuesday, 26 th September 2017	2:30 PM to 4:30 PM
4	Twitter Bootstrap	Wednesday, 27 th September 2017	2:30 PM to 4:30 PM
5	TypeScript	Tuesday, 3 rd October 2017	2:30 PM to 4:30 PM
6	Angular JS	Wednesday, 4 th October 2017	2:30 PM to 4:30 PM
7	Angular JS	Thursday, 5 th October 2017	2:30 PM to 4:30 PM



Campus Connect Webinar on "UI Technologies – HTML5, CSS, Bootstrap, Typescript, Angular JS" on 21th September 2017 to 5th Oct 2017 at Mahendra College of Engineering, Salem

Name of the Information : **“Train The Trainer program” by Infosys**
Date of Information : 6th to 8th September 2017

Train The Trainer program on "Data Visualization Tools"

Infosys Campus Connect has conducted the Train The Trainer program on "Data Visualization Tools" held at Ballari Institute of Technology and Management, Ballari from 6th to 8th September 2017. The objective of the TTT was to share our experience and learning methodology with the partnering college faculty members to enable them on “Data Visualization Tools” and also offer a networking platform to the partner colleges leading to a mutual learning experience.

Mr. M. Karthikeyan and Mr. M. Jenolin Rex has attended the **Train The Trainer program on "Data Visualization Tools"** held at Ballari Institute of Technology and Management, Ballari from 6th to 8th September 2017.



Mr. M. Karthikeyan and Mr. M. Jenolin Rex has attended the Train The Trainer program on "Data Visualization Tools" held at Ballari from 6th to 8th September 2017.

Name of the Event / Programme : **One Day Seminar**

Date of Event / Programme : 21st March 2018

Seminar on **“Innovative and Emerging Application of Big Data Based Water Security Analytics in Tamil Nadu”**

The Department of Computer Science and Engineering, Organized a one day seminar on **“Innovative and Emerging Application of Big Data Based Water Security Analytics In Tamil Nadu”** on 21.03.2018 at Mahendra College Of Engineering, Salem. Dr.H.Lilly Beaulah, Head of the Department, Computer Science and Engineering, Mahendra College of Engineering, who gave brief introduction about the IEI & IEI Salem Local Centre. Er.SR.Saravanan, MIE, Honorary Secretary, IE (I) Salem Local Centre, Salem, delivered the welcome address. Dr.N.Mohanasundara Raju, Dean/Academics, Mahendra College of Engineering, Honoured the Chief Guest and delivered the felicitation address. Mrs.A.Vijayalakshmi, AP/CSE, Programme Coordinator, Department of Computer Science and Engineering, Mahendra College of Engineering, delivered the vote of thanks.

Total participants for the one day seminar were around 150 students from the Department of Computer Science and Engineering. In this seminar we discuss in detail about the Big Data & its emerging applications and Water Security which are available in Tamil Nadu. From this seminar, students can able to understand the importance of Big Data Analytics, Applications of Big Data and Water Security.



1. Er.SR.Saravanan, MIE, Honorary Secretary, IE (I) Salem Local Centre, Salem, delivered the welcome address. 2. Dr. Tholkappia Arasu Govindarajan, delivered his lecture on the topic of **“21st Century Developments and Innovation Impacts”**

Name of the Event / Programme : **One Day Seminar**

Date of Event / Programme : 27th March 2018

One Day Seminar on “IoT based Smart City –A Generic Approach”

One day seminar was started with the formal inaugural function at 10.00 am in Auditorium held on 27th March 2018. Prof. **Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry, DR. N. Malmurugan, Principal MCE, Dr. N. Mohanasundararaju, Dean-Academics**, Hod's of various departments were present on the Dias. The function started with a invocation song followed by lightning the lamp, followed by welcome speech & briefing chief guest profile was proposed by **Dr. Suganthi ,HoD of ECE department**.

Beloved **Principal Dr.N. Malmurugan & Dean – Academics Dr. N. Mohanasundara Raju** felicitate the gathering and both shared their ideas and views then followed by honoring the chief guest by our Principal and Dean -Academics as a token of thanks. We had total count of 400 students in the auditorium for the seminar.

The honorable chief guest Prof. **Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry**, started his session with a brief introduction about IoT & Smart city. He spoke about various topics such as Applications vs. Outcomes , Trends Leading to Smart Cities, Political Trends, Technological Trends, Social Trends, Environmental Trends, Benefits of Smart Cities, Essential Components of Smart Cities, Sustainability / Resiliency, Equity – Digital Divide, Smart Cities Applications etc.,



One Day Seminar on “IoT based Smart City –A Generic Approach” held on 27th March 2018 by resource person Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry,

Name of the Programme : **Value Added Course on “JAVA Programming”**
Date of Event / Programme : 1st Feb 2018 to 31st March 2018(6 days)

Value Added Course on “JAVA Programming”

A value added course on “JAVA Programming” was conducted in computer lab at Mahendra College of Engineering- Salem, on 1st February 2017 to 31st March 2017 (6 days) on every Saturday for Second Year, Fourth Semester CSE students.

The joint venture with various organizations facilitates the students as well as the faculty to keep pace with the latest technologies pertaining to their chosen field of studies. We have conducted a value added programme where in the students are getting trained well. From the expertise our students gain knowledge through the value added programmes, which will enable them to face the formidable challenges of the future. By improving practical knowledge, students can face the IT industry with confidence. They can develop their programming skills which in turn helps them in their career.



Value Added Course on “Java Programming” conducted from 1st Feb to 31st March 2018 for Second year CSE Students by resource person Mr.S.Aravinthakumar, Green Tree Software Solutions, Chennai.

Name of the Event : Workshop Date of Event : 7th & 8th March 2016
Programme: Workshop on “LINUX Security”

National Level Workshop on “LINUX Security”

The departments of Computer Science and Engineering and Information Technology organized a one day National Level workshop titled “**Linux Security**” on 07.03.2016 & 08.03.2016. The Chief Guest for the function was Mr.Sainath, TechTrunk Ventures Pvt. Ltd. IIT, Kanur The Program started with the inaugural function at 10.30 am and this was made to be the most devotion with Tamil thaivazhthu. The welcome address was given by the student coordinator Mr. S. Ganapathy I Year IT. The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about Security Hacking in Real time applications. Also he encouraged all the students to attend more activities related to security technology. After the inaugural function the sessions were handled by Mr. Sainath, TechTrunk Ventures Pvt. Ltd., IIT ,Kanur. He covered the topics Multimedia Editing Tools, VFX tools, Color Correction, Green Matt , Documentary Making, Audio video mixing. In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem, distributed Participants certificates to the students. Ms. R. Bhuvana,III/CSE delivered the Vote of thanks.



Two Days National Level Workshop titled “Linux Security” on 07.03.2016 & 08.03.2016 and the resource person Mr. Sainath delivering the session

Name of the Event : Workshop Date of Event : 17th & 18th March 2016
Programme : Workshop on "iOS Application Development"

Workshop on "iOS Application Development"

The departments of Computer Science and Engineering and Information Technology organized two days workshop titled "iOS Application Development" on 17th & 18th March 2016. The Chief Guest for the function was Mr. Sainath Volan, Techtrunk Ventures Pvt., Ltd., IIT, Kanpur. The program started with the inaugural function at 10.30 A.M. and this was made to be the most devotion with Tamil Thaivazhthu.

The welcome address was given by the student coordinator Mr. S. Sreenivasa Subramanian. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais.

The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about the popular technologies for Mobile Application Development. Also encouraged all the students to attend more activities related to Application Development.

After the inaugural function the sessions were handled by Mr. Sainath Volan, Techtrunk Ventures Pvt., Ltd., He covered the topics such as Introducing iPhone & iOS, iOS Development Environment, User Interface Programming, Multi Touch and Gestures API, Networking and connectivity, Application Deployment. In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem distributed participants certificates to the students. Ms. M. Aarthi delivered the Vote of Thanks.

Name of the Event : Conference
Programme : National Level Conference on “Human Computer and Visualization”
Date of Event : 30th March 2016

National Level Conference on “Human Computer and Visualization”

The event started with the formal inaugural function at 10.00 am in seminar hall Prof.Goverdhan Aliseri (Director, SIT & Executive council member, Jawaharlal Nehru Technological university, Hyderabad, IP Chairman,CSI Hyderabad, AP, INDIA), Prof. Ramadoss CLM (Chief operating officer at A&T, Video networks private LTd,Madurai,TN,INDIA), Dr.R.Ashokan(Principal), Dr.N.Malmurugan(Dean Academics), Dr. H. Lilly Beaulah (HOD/CSE), Mr. N.Satish (HOD /IT) were present on the dais.The function started with invocation song followed by lightning the lamp by the chief guests Prof. Goverdhan Aliseri, Prof. Ramadoss CLM, Principal and HODs followed by Presidential speech given by Dr. R. Ashokan, Principal of Mahendra College of Engineering. Then the Felicitation Address given by Dr. N. Malmurugan, Dean-Academics, Mahendra College of Engineering.

The honorable chief guest Prof.Goverdhan Aliseri and Prof.Ramadoss CLM gave us an inspirational speech on paper presentation and its importance followed by chief guest’s felicitation as a token of thanks.Paper presentation sessions was held in two venues and to judge the event we had three judges by name Dr. Kanchana, Associate Professor from Mahendra College of Engineering for Women and Dr. Neelamadheswari, Professor, Mahendra Engineering College, Mallasamudram,Namakkal. We had total count of 34 students registered and presented in the sessions. All events were completed by 4 pm with the winners list.

Valedictory function started by 4.05 pm with Dr. R Ashokan Principal, Mahendra College of Engineering, Dr. N. Malmurugan Dean-Academics, Mahendra College of Engineering as a guest. Students from different colleges shared their experience about CSEIT-16 followed by prize distribution for winners.The function was finally ended by Mr.N.Satish(HOD/IT) for thanking management, Principal, HOD, Faculties, Non-teaching staff and all student co-coordinators who worked for this event to make this event a grand success.



Prof.Goverdhan Aliseri (Director, SIT & Executive council member, Jawaharlal Nehru Technological university, Hyderabad, IP Chairman,CSI Hyderabad, AP, INDIA), speech held on 30th March 2016

Name of the Event : **National level Technical Symposium**

Date of Event : **09.09.2016**

National level Technical Symposium CSEIT'16

Mahendra College of Engineering, Department of Computer Science and Engineering conducted a National level Technical Symposium on 09th September 2016 at 9.30 am. The programme was started with the presence of Thirumigu M. G. BharathKumar, Chairman, in the grace of Er. Ba. Mahendhiran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Educational Trust. The session was started by lighting of lamp. Principal Dr. R. Asokan address the gathering, Dean – Academics Dr. N. Malmurugan felicitate the gathering and both shared their ideas and views. The chief guest Mr. I Stephen gave us an inspirational speech through which he had picked Dr. J Abdul Kalam 's vision towards mission 2020 On behalf of Computer Science and Engineering, Dr. H. Lilly Beaulah, Head of Department, welcomes the gathering.

Thiru. I. Stephen, Chief Manager, Project Manager, Electronics Corporation of India, Chennai region, inaugurates the session. He spoke about the latest technology and skill developments for young engineers. 150 participants from 30 colleges in various zones like Coimbatore, Namakkal & Salem have participated & proved their talents. 6 types of events like Paper Presentation, Technical Quiz, Web Plan, Word Hunt, Debugging and Fotografia Event conducted parallel under the domain of various Event heads. Each event went on with 3 rounds and finally the 1st & 2nd prize winners were selected based upon their skills & knowledge.

The valedictory started at 4.00 pm at Seminar Hall. The winners had been awarded with memento & Certificates. The prize winners have been honored by the chief guest & principal of Mahendra College of Engineering. The session ends with national Anthem.



One day National Level Technical Symposium organized on 09th September 2016 and the resource person Thiru. I. Stephen, Chief Manager, Project Manager, Electronics Corporation of India, Chennai region,

Name of the Event : **Workshop on "PHP"**

Date of Event : **15.09.2016**

Workshop on "PHP"

The departments of Computer Science and Engineering and Information Technology organized one day Workshop titled “PHP” on 15th September 2016. The Chief Guest for the function was Mr.S.Senthilkumar, KALVI-Higher Education & Research Institute, Salem.

The Program started with the inaugural function at 9.30 A.M and this was made to be the most devotion with Tamil Thaivazhthu. The welcome address was given by the student coordinator Ms. R. Mariyammal. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais. The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about the Open Source Software technology and its applications. Also encouraged all the students to attend more activities related to Open Source Software Development.

After the inaugural function the sessions were handled by Mr. S. Senthilkumar, KALVI-Higher Education & Research Institute, Salem.

He covered the topics like Overview of PHP, Basic Scripting and Looping Constructs, Arrays in PHP, PHP Functions, Working with Database and Forms, Using Cookies in PHP and Miscellaneous PHP tasks.

In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem, has distributed participant’s certificates to the students. Ms. Meenadevi. J delivered the Vote of Thanks.



Mr.S.Senthilkumar, CEO, KALVI -Higher Education and Research Institute, Salem.

Name of the Event : **Seminar on “Business Intelligence”** Date of Event : **09.01.2017**

Seminar on “Business Intelligence”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Seminar on “Business Intelligence”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Business Intelligence to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. Rupesh Kumar Singh, Business Application Programmer, Infosys, Bangalore. He spoke about various business intelligence part features in an innovative and efficient way. The session was proceeded by Big data analytics, Data discovery, Integrated platforms etc. The day ended with certificates distribution and feedback collection sessions. The whole day the students and the resource person interact in an effective way to share knowledge. The students were satisfied with knowledge thriving using query session well answered by the resource person.



Mr. Rupesh Kumar Singh, Business Application Programmer, Infosys, Bangalore on 9th Jan 2017.

Name of the Event : Seminar on “Internet of Things”

Date of Event : 11.01.2017

Seminar on “Internet of Things”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Seminar on “Internet of Things”. The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Business Intelligence to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.B.V.Hari Prasad Reddy, Managing Director, GreenTree Software Solutions, Chennai. . He spoke about various and emerging trends on Internet of Things part features in an innovative and efficient way. The session was proceeded by Transportation, Knowledge sharing and etc.

The day ended with certificates distribution and feedback collection sessions. The whole day the students and the resource person interact in an effective way to share knowledge. The students were satisfied with knowledge thriving using query session well answered by the resource person.



Mr.B.V.Hari Prasad Reddy, Managing Director, GreenTree Software Solutions, Chennai.

Name of the Event : **Seminar on “Emerging Trends on Network Engineering”**

Date of Event : **14th Feb’ 17**

Seminar on “Emerging Trends on Network Engineering”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a FDP on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. Mr. P. Ashwin Gowtham, Senior Network Engineer, Livewire, Chennai has explained about the emerging trends in detail. The main objective of this seminar is to expose the emerging Trends in Computing, Informatics, Systems Sciences, and Engineering and detailing state-of-the-art research projects in the areas of Industrial Electronics, Technology & Automation, Telecommunications and Networking. Finally, session has end up with discussion with students.



Seminar on “Emerging Trends on Network Engineering” held on 14th Feb 2017 and the resource person was Mr. P. Ashwin Gowtham, Senior Network Engineer, Livewire, Chennai.

Name of the Event : **Workshop on "Fundamental of CCNA"**

Date of Event : **17th , 24th Feb & 3rd March '17**

Workshop on "Fundamental of CCNA"

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Workshop on "Fundamentals of CCNA". The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Fundamentals of CCNA to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.R.S.Vignesh, Senior Network Engineer, Livewire,Chennai. He spoke about various Fundamentals of CCNA features in an efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The workshop proceeds with Introduction, CCNA, Networking, TCP, IP, Routers, Switches, Tracing, UDP, SMTP, POP, SNMP, HTTP, FDP, Infrastructure Services, Infrastructures Securities, Infrastructure Management ,Routing Technologies, Wireless topics, Wan Technologies, LAN Switching Technologies.

The three days workshop was ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : Guest Lecture on “Opportunities available in Semi Conductor Domain”

Date of Event : **21st Feb’17**

Guest Lecture on “Opportunities available in Semi Conductor Domain”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Guest Lecture on “Opportunities available in Semi Conductor Domain ”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The session was handled by Mr. S. Aravintha kumar, Software Developer, Green Tree Software Solutions, Chennai. The main objective of this programme is to motivate and guide young engineering graduates towards the Opportunities available in Semi Conductor Domain. At the end of the Guest Lecture, feedback was collected from the students and query session with answers by the resource person.

Name of the Event : Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”

Date of Event : 24th Feb’ 17

Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department and Shri M. G. Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er. Ba. Mahendran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr. N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Cybercrime. After the inauguration function, the session was handled by Mr. Sathish Ashwin, Security Analysts-Deep Identity, Head- National Cyber Defense Research Centre, India. He spoke about various mechanisms for Young Adulthood Cybercrime. The session was proceeded by the details of cybercrime, impact of cyber crime, new opportunities for cyber crime and protective mechanisms for young adulthood. The Awareness Program ended with feedback collection sessions.

Name of the Event : Guest Lecture on “Java Programming”
Date of Event : **23rd Feb 2017**

Guest Lecture on “Java Programming”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Guest Lecture on “Java Programming” on 23rd Feb 2017. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Java Programming to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. S. Aravintha kumar, Software Developer, Green Tree Software Solutions, Chennai. . He spoke about various Java Programming in an innovative and Efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The Guest Lecture proceeds with Introduction

The Guest Lecture ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : **Awareness programme on “IT infrastructure and management”**
Date of Event : **20th March 2017**

Awareness programme on “IT infrastructure and management”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Awareness Program on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er. Ba. Mahendran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr. N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the IT Infrastructure and Management to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. R. S. Vignesh, Senior Network Engineer, LIVEWIRE, Chennai. He spoke about various IT Infrastructure and Management in an innovative and efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The Awareness Program proceeds with Introduction

The Awareness Program ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : Workshop Programme : Workshop on Mediastrom
Date of Event : 29th Feb 2016

Workshop on “Mediastrom”

The departments of Computer Science and Engineering and Information Technology organized a one day National Level workshop titled “**MEDIASTROM**” on 29.02.2016. The Chief Guest for the function was Mr.S.Jagadhesh , GENITS-IT Services. The Program started with the inaugural function at 10.30 am and this was made to be the most devotion with Tamil thaivazhthu. The welcome address was given by the student coordinator Mr. S. Ganapathy II Year IT. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais. The presidential address was given by Dr. R. Asokan, Principal , Mahendra College of Engineering. He spoke about the Multimedia Technology in Real time applications. Also he encouraged all the students to attend more activities related to multimedia technology.

After the inaugural function the sessions were handled by Mr. S. Jagadhesh, GENITS-IT Services. He covered the topics

1. Multimedia Editing Tools
2. VFX tools
3. Color Correction
4. Green Matt
5. Documentary Making
6. Audio video mixing

Name of the Event : **Value added course on “Network Engineering, Routing and Switching”**

Date of Event : **11.06.2016 to 18.06.2016**

Value added course on “Network Engineering, Routing and Switching”

A value added course on “**Network Engineering, Routing and Switching**” was conducted in computer lab at Mahendra College of Engineering- Salem, on 11th June 2016 to 18th June 2016 (7 days) .



Value added course on “Network Engineering, Routing and switching” held on 11.06.2016 to 18.06.2016

Name of the Event : **Value added course on “JAVA Programming”**

Date of Event : **06th , 13th & 20th August 2016**

Value added course on “JAVA Programming”

A value added course on “JAVA Programming” was conducted in computer lab at Mahendra College of Engineering- Salem, from 6th ,13th and 20th August 2016 (3 days) for Third Year, Sixth Semester Computer Science and Engineering College students. There are nearly 14 students participated from our college.

Students will develop their skills and some innovative ideas to apply in their projects. Java was developed to achieve object-oriented, distributed, robust, secure, independent platform, interpreted language and parallelism. In this course, students are very much interested in focusing their knowledge development in practical side. Because, practical knowledge is very important to understand how things actually work. Practical knowledge leads to a much deeper understanding of a concept through the act of doing and personal experience.

Practical knowledge empowers an individual to achieve something that he has been studying about. It is worth noting that not only in professional life; you need to have in good practical approach for your life in general. Hence it becomes really important for proper growth and utilization of your knowledge in JAVA Programming in practical.

Detail of the Programme : Seminar on “Entrepreneurship Development for Engineering Students”

Date: 09.08.16

Name of the Department: CSE & IT

Seminar on “Entrepreneurship Development for Engineering Students”

Seminar titled “Entrepreneurship Development for Engineering Students” was organized at Mahendra college of Engineering- Salem, on 9th August -2016 for Engineering College students.

The main objective of this programme is to impart entrepreneurship culture among the engineering students and to enhance their skill on a specific technique. The session was taken by Mr. Vishnu S Prasad, Chief Operating Officer, Orthus Softwares LLP, and Cochin. He spoke about what is Entrepreneurship? What are the roles of Entrepreneur? Characteristics of Entrepreneurship, etc.

Finally he concluded with advantages and disadvantages of entrepreneur, how to become success in business life. All the final year students had enjoined this session and they were made interaction with speaker in an effectively.



Mr. Vishnu S Prasad , Chief Operating Officer, Orthus Softwares LLP, Startup Village, Cochin.

Name of the Event : **Guest Lecture**

Detail of the Programme : **Guest Lecture on “Database Technology”**

Date: **05.08.16**

Name of the Department : **CSE & IT**

Guest Lecture on “Database Technology”

Mahendra College of Engineering, Department of Computer Science and Engineering organized a guest lecture on “Database Technology”.

The session was taken by, Mr. A. Aravindh, DB Technical Trainer at Concentrix, Hyderabad. The session aimed at introducing to students the latest Knowledge of Oracle database technology with working industry environment and their importance in the student’s professional growth in the IT industry.

The approach to the topic with suitable examples attracted students. The lecture mainly focused on expressing what is database? RDBMS, non-RDBMS, Which is the leading database technology in market?, What is the career scope in database technology?, eligibility criteria to get into database field, career growth in this database field and many more. Moreover it was a very interactive session and students participated with great interest.



Mr. A. Aravindh, DB Technical Trainer, Concentrix, Hyderabad.

Name of the Event : **Guest Lecture**
Detail of the Programme : **Guest Lecture on “Startup”**
Date: **08.08.16**
Name of the Department : **CSE & IT**

Guest Lecture on “Startup”

Mahendra College of Engineering, Department of Computer Science and Engineering organized a guest lecture on “Startup”.

The main objective of this programme is to motivate and guide young engineering graduates towards StartUp India. The session was taken by Mr. Sageer Mohammad, Tech Trunk, Business Development Manager, Hyderabad. He spoke about startup features, Start ups Innovation and Growth in India, Start Ups Drive on Banks, Action plan for Start Up India, Types of Ideas That Develop into Startups, Evaluation Criteria for a Startup Venture, Activities suggestions for educational institute.

- Innovative Idea Contest
- College level Student Debate
- Essay Competition
- Innovation Day Workshop
- Be a part of 5,00,000 student to encourage innovation

The speakers explained all the points in detail and handled all the queries with expertise. It was a great experience as the Guest Lecture was motivational, informative, and interactive and student participated with full enthusiasm and spirit.

Name of the Event : **FDP on “IT Infrastructure and Management”**

Date of Event : **18th, 19th & 21st Jan 2017**

FDP on “IT Infrastructure and Management”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a FDP on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to guide faculty members towards the IT Infrastructure and Management to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.R.S.Vignesh, Senior Network Engineer, Livewire, Chennai. He spoke about various IT Infrastructure and Management features in an efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The workshop proceeds with Introduction, Data centre, Data centre terminology, IT Transformation, Cloud Dreams and Infrastructure deployment. The three days FDP ended with discussion and feedback collection sessions.



Three days FDP on “IT Infrastructure and Management” on 18th, 19th & 21st Jan'17 by the resource person Mr.R.S.Vignesh , Senior Network Engineer, Livewire, Chennai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Event / Programme / Information, MoU, Celebration, etc. **Early detection and analysis of gestational age and delivery date in second and third trimesters of Fetal images using Engineering approaches**

Date of Event / Programme / Information, MoU, Celebration, etc: **16.02.2016 & 17.02.2016**

A Two Days Workshop on “Early detection and analysis of gestational age and delivery date in second and third trimesters of Fetal images using Engineering approaches” was organized by the Department of Electronics and Communication Engineering on 16.02.2016 & 17.02.2016. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 250 students from various departments & college students were participated in this workshop. The special lecture was delivered by Dr.Abijeet V Waghmare, Senior Group Supervisor, St.John's Research Institute Bangalore.



Detail of the Programme- Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'16)_and associated Date: 23.03.2016

- One Day National Level Conference on “Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'16)” was organized by the Department of Electronics and Communication Engineering on 23.03.2016. The Chief Guest was Dr.R.Karthikeyen, Co-Founder and CTO, TECLEVER Group, Bengaluru. Nearly 97 students from various colleges have participated in this Conference.



Name of the Event / Programme / Information, MoU, Celebration, etc. **Mobile phone Servicing**

Date of Event / Programme / Information, MoU, Celebration, etc: **23rd to 26th Sep 2016**

A Four Days Workshop on “Mobile phone Servicing” was organized by the Department of Electronics and Communication Engineering on 23rd to 26th Sep 2016. The special lecture was delivered by Mr.B.Krishnakumar, Managing Director, New Technology, Coimbatore. Nearly 52 students are participated in this workshop. This workshop aims in providing deep onsite and expertise towards mobile phone servicing. A detailed knowledge of all types of handsets (Touch Screen, Semi Touch Screen, Non Touch Screen, etc) and the problem encountered during their usage will be dealt.



Detail of the Programme **EGLITZ'2016** and associated Date: **23.08.2016 to 26.08.2016**

One Day National Level Technical Symposium on “EGLITZ'2016” was organized by the Department of Electronics and Communication Engineering on 7th September 2016. The Chief guest was Dr.D.Malathi, Director, Quantum Nano Scientific Pvt. Ltd, Chennai. Nearly 150 students from various colleges have participated in this symposium



Detail of the Programme **Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'17)** and associated Date: **31.03.2017**

One Day National Level Conference on “Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'17)” was organized by the Department of Electronics and Communication Engineering on 31st March 2017. The Chief Guest was Dr.R.Karthikeyan, Co-Founder and CTO, TECLEVER Group, Bengaluru. Nearly 97 students from various colleges have participated in this Conference.





Name of the Event / Programme / Information, MoU, Celebration, etc. **Effects of Electromagnetic Radiation (EMR) on Human Health**

A One day Seminar on “Effects of Electromagnetic Radiation (EMR) on human health” was organized by the Department of Electronics and Communication Engineering on 7th July 2017. This Seminar was sponsored by Indian Council of Medical Research(ICMR),New Delhi. This seminar was sponsored by Council of Scientific and Industrial Research (CSIR), New Delhi. Totally more than 200 members from Second, Third and Final year students of ECE and Biomedical students have participated in this Seminar. The special lecture was delivered by Dr.M.Murugesan, Radiology Department, Manipal hospital, Salem.



Detail of the Programme **Menstrual Hygiene Management for Adolescent Girls** and associated Date: **11th to 12th July 2017**

A Two Days Workshop on “Menstrual Hygiene Management for Adolescent Girls” was organized by the Department of Electronics and Communication Engineering on 11th to 12th July 2017. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 430 girl students from various departments have participated in this workshop. The special lecture was delivered by Dr.S.Raj Arul Mercy, Professor, Govt. Mohan kumaramangalam Medical College, Salem.



Detail of the Programme **Applications of Image Processing and Artificial Intelligence Techniques in Medical Plant Detection** and associated Date: **10th & 11th August, 2017**

A Two Days Workshop on “Applications of Image Processing and Artificial Intelligence Techniques in Medical Plant Detection” was organized by the Department of Electronics and Communication Engineering on 10th & 11th August, 2017. This workshop was sponsored Council of Science and Industrial Research(CSIR), New Delhi. Totally 155 members from various Engineering colleges which includes Faculty members, PG students and UG students have participated in this workshop. The special lecture was delivered by Dr.G.Sainarayanan, Senior Technical Specialist, HCL Technologies Ltd, Chennai.



Detail of the Programme **Applications of mathematical modeling and adaptive neuro-fuzzy sets for designing on efficient medical image diagnosis system for identifying common diseases** and associated
Date: **20 & 21st September 2017**

A Two days Workshop on “Applications of mathematical modeling and adaptive neuro-fuzzy sets for designing on efficient medical image diagnosis system for identifying common diseases” was organized by the Department of Electronics and Communication Engineering on 20th & 21st September 2017. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 80 members which include faculty members and students from various colleges have participated in this workshop. The special lecture was delivered by Dr.S.J.Thiruvengadam, professor, Thiagarajar College of Engineering, Madurai.



ONE DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM ELSYNC'16

Date of Event: 26-08-2016

One day National level Technical symposium ELSYNC'16 has been conducted on 26.08.2016. Er.Raju.V.R.Palanisamy , President of Tamilnadu Solar Energy Association was the chief guest.130 students from various reputed institutions participated and presented their papers.



The chief guest Er.Raju.V.R.Palanisamy , President of Tamilnadu Solar Energy Association inaugurating the function by lighting the holy lamp.



In the chair L.John Sagaya Leenus the student chairman of symposium, The Principal Dr.N.Malmurugan, The chief guest Er.Raju.V.R.Palanisam, Mr.R.Anand HoD/EEE during the program.



The principal Dr.N.Malmurugan felicitate the gathering during the program.

ONE DAY WORKSHOP ON EMERGING TECHNOLOGY IN ELECTRONICS

Date of Event: 30.01.2017

The EEE Department has organized a one day workshop on Emerging technology in Electronics on 30.01.2017. Er.R.S.Sathiskumar , Senior Engineer from LIVEWIRE was the chief guest. Nearly 70 students were benefited out of this workshop.



The chief guest Er.R.S.Sathiskumar lecturing students during the event

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the Event - ICMR sponsored Two Days Seminar on “*Advanced Methods for the Synthesis of Biomaterials in Implantology*”

Date of Event - 24.07.2017 -25.07.2017

The event started with prayer song in the presence of Heads of various Departments, Faculties and students of Biomedical Engineering.

Dr.Samson Ravindran, Executive director, Mahendra group of Institutions . Initially he appreciated the title of seminar and the importance of the topics in the seminar. In his speech he added that the biomaterials were used in dentistry from ancient period and also expressed his joy in visualizing the growth in the field of biomaterials

Dr N.Malmurugan, Principal Felicitated the gathering with his energetic words, in his speech he mentioned the importance of biomaterials in the future and also encouraged the gathering to attend the seminar with great interest, which will provide various ways in improving research in the field of biomaterials.

Dr.N.Mohana Sundara Raju, Dean-Academics in his speech applauded the department’s effort in organizing such a meaningful event, he also encouraged the students to take interest in the seminar and make use of the seminar for research.

Day-1 Key note Address:

Dr. Asokan Thondiyath, eagerly addressed the gathering and shared his wide spectrum of knowledge. He highlighted the growth of material science in the field of biomedical engineering and also shared his knowledge on synthesizing biomaterials for healthcare applications in his speech. His speech is remarkable and the audience was impressed with his immense knowledge on material sciences.

Day-2 Key note Address:

Dr. S. Raghavan B.E., M.Sc (Engg)., Ph.D eagerly addressed the gathering and shared his wide spectrum of knowledge. He highlighted the bio implantable antenna design & for drug delivery growth of material science in the field of biomedical engineering. His speech is remarkable and the audience was impressed with his immense knowledge on bioimplanting.

Vote of thanks

Dr.K Swaminathan Associate Professor/Head, Department of Biomedical Engineering, thanked the Management for providing their support for the event and thanked Indian Council of Medical Research (ICMR) for providing grants.



(Day-1 Presidential Address)



(Day-1 Key note Address)



(Day-2 Key note Address)

Guest Lecture on

“LATEST INNOVATIVE TECHNIQUES IN ELECTROMYOGRAPHY (EMG)”

Date: 29.01.2018

The department of Biomedical Engineering in relationship with “Biomedical Engineering Society of India (BMESI)” organized a guest lecture on “*Latest innovative techniques in EMG*” on 29.02.2018, 2 pm in the ambient seminar hall located at IT block, MCE Salem.

The objective of this Lecture is to avail students the latest techniques on Electromyograph, which will lead to open a varied job vacancies and creating awareness on students to undergo research on EMG.

Dr. V. David Chelladurai, PT., DPT, Doctor of physical therapy, Clinical Lecturer and Physical Therapist, McLaren Healthcare Corporation, Flint, Michigan, USA. A renowned Physiotherapist with vast experience in the field has agreed to give the lecture.

The Lecture session had audience of 140 students belonging to the department of Biomedical Engineering along with faculties of various departments having interest in the Lecture.

The session begins with auspicious “Thamizh Thai Vazhthu”(Prayer song) followed by lightening Kuththu Vizhakku (Artistic Bronze Lamp).

Dr. N. Malmurugan Principal, Mahendra College of engineering welcomed the gathering.

Dr.R.Samson Ravindran, Executive Director, Mahendra Engineering Colleges delivered the Presidential address.

Dr. K. Swaminathan, Head of the Department, Biomedical Engineering, MCE, Gave brief introduction to the guest.

In Presence of Dignitaries **Dr.R.Samson Ravindran**, Executive Director, Mahendra Engineering Colleges and **Dr. N. Malmurugan** Principal, Mahendra College of Engineering honored **Dr. V. David Chelladurai** with a memento and with Silk shawl to express their gratitude on his presence.

Dr. V. David Chelladurai, gave his important lecture on recent trend setting technologies in acquiring EMG and how to be professional in handling such signals, he also encouraged students to be a part of change that is upcoming. In his speech he shared abundant knowledge to the students which would benefit them for their future career and present academics, students were brightly enlightened by his speech on latest technologies. He also interacted with students and answered their questions, this interaction would benefit the students for their career perusal.

Dr. N. Mohana Sundara Raju, Dean-Academics, Mahendra College of Engineering, Thanked the guest and the gathering.

(Honouring chief guest)

(Keynote address by Guest)

(Students interaction session)



Three days workshop on

“Medical Device Innovation: from Ideation to Commercialization”

Date: 26.09.2017 -28.09.2017

Three days workshop on “Medical Device Innovation: from Ideation to Commercialization” was organized by the Department of Biomedical Engineering, in Mahendra College of Engineering, Salem Campus, Minnampalli, Salem on 26.09.2017 -28.09.2017. Around 220 students from various Educational Institutions and Industries participated in this workshop and made this program a grand success. Mr. A. Vijayarajan eagerly addressed the gathering and shared his knowledge. He highlighted a researcher interested in developing or translating new or improved medical devices. His speech is remarkable and the audience was impressed with his immense knowledge on Medical device development. Followed by the key note address Mr. A. Vijayarajan, Founder and CTO, InnAccel Technologies, Bangalore delivered a few ideas about “*Medical Device Development - a Practitioner’s Perspective*”. Then, Dr. K. Swaminathan HoD/ Biomedical / MCE discussed about the “*Essential Ingredients to form a successful MedTech Start up and Biodesign Process: Inventing medical devices*” and shared his wide spectrum of knowledge in “*Biodesign: The Process of Innovating Medical Technologies*”. Followed by Dr. S. Gayathri, B.E, MBA, PhD had presented her view on the “*Importance of business plan and elevator pitch for Entrepreneurs.*” Mr. Yashwanth Manivannan Microsoft, Vancouver, Canada delivered a few ideas about “*Azure in health care applications and Application of Microsoft Hololens in healthcare.*” Dr. Asokan Thondaiyath Professor, Engineering design Department, IIT – Madras gave a brief lecture on “*Advancement in robotic surgery.*”



(Day 1 key note address)



(Day 2 key note address)



(Day3 key note address)



(Day 4 key note address)

DEPARTMENT OF CIVIL ENGINEERING

Special Lecture on "Clock Towers in India" by Prof.K.Prasad Babu , HoD/Civil .

Date of Event / Programme / Information, MoU, Celebration, etc: 13.02.2016

There are many Clock Towers in the world , which have become the landmarks for the countries. A notable example being Big Ben Clock Tower in London. In India, there are many clock towers in several cities, which have become an identity for that city. In Mysuru Infosys Campus, a tall digital clock tower has been constructed which has become iconic in the recent past. A special lecture on this topic was delivered by Prof.K.Prasad Babu, which was widely enjoyed by the students.



Workshop on "Advanced Surveying using Total Station and GPS" .

Date of Workshop : 7th March 2016.

A workshop on "Advanced Surveying using Total Station and GPS" was conducted on 7th March 2016. A total number of 200 students of civil engineering participated and got benefitted. Total Station is a surveying equipment which can be used to prepare the contouring large areas of land in short time. The readings taken during the survey can be transferred to a computer and maps can be prepared. Students were enlightened on the working principles of Total Station and GPS by Mr.Rajkumar.



Workshop on "Bloom's Taxonomy" for all the HoDs.

Date of Workshop : 01/06/2016.



Event: Concrete Day Celebrations and Project Exhibition
Date of event : 08/09/2016.

Concrete Day was celebrated on 8th September 2016 . The Inaugural function was conducted in the Auditorium. Mr.Arunachalam, Retd., Civil Engineer from BSNL was the chief Guest. He spoke on the importance of good concrete in the construction Industry and provided valuable suggestions for efficient and economical concrete design. Students actively participated in the Project Exhibition where innovative concrete products were displayed.



Workshop on "Bloom's Taxonomy" for the Faculty Members.

Date of event : 16/11/2016.

The Resource person, Prof. K. Prasad Babu explained in detail on the six levels of Thinking in Bloom's taxonomy, citing Key words and sample verbs with sample questions. He also elaborated on changes in the Revised Bloom's Taxonomy.

The Resource person also dealt on the application of Bloom's Taxonomy in Engineering Education.

In the afternoon session, hands on experience given to the participants by taking up one Anna University Question paper and identifying the level of questions and finally arriving at the % of each level of question. The session came to a close at 4.00 pm.



Name of the Event / Programme : **Orientation Program**

Date of Event / Programme : 12th July 2017 & 21st July 2017

Orientation Program on “IT Elements”

The event started with the formal inaugural function at 10.00 am in Auditorium on 12th Jul 2017. Mr. S. Sathishkumar, Sr.EDAEngineer, Livewire, Salem, Mr. Rajkumar, Security Analyst, Livewire, Salem Dr. N. Malmurugan, Principal MCE, Dr. N. Mohanasundara Raju Dean-Academics and Dr. H Lilly Beulah, HOD CSE were present on the dais. The function started with invocation song followed by lightning the lamp, followed by welcome speech given by Dr. H Lilly Beulah HoD/CSE. Beloved Principal Dr. N. Malmurugan address the gathering, Dean – Academics Dr. N. Mohanasundara Raju felicitates the gathering and both shared their ideas and views. The chief guest Mr.S.Sathishkumar and Mr.Rajkumar was honored with a memento by the Principal, Dean Academics & HoD /CSE as a token of thanks later the chief guests gave us an inspirational speech.

The function has continued with a long session with topics discussed such as opening, recent trends and employments in IT elements. A brief On 12th Jul 2017 Vaedictory function started by 3.45 pm with Dr. N. Malmurugan, Principal, MCE, Dr. N. Mohanasundara Raju, Dean-Academics, Dr. H. Lilly Beulah, HOD/CSE Mahendra College of Engineering. Students from various departments shared their experience about sessions and openings. The function was finally ended by thanking management, Principal, HoD, Faculties, Non-teaching staff and students who worked for this event to make this event a grand success.



One day **Orientation Program** on “IT Elements” on **12-07-2017** by the resource person **Mr.S.Satishkumar & M. Rajkumar**, Livewire, Salem

Name of the Event / Programme : **National Level Seminar**

Date of Event / Programme : 20th July 2017 & 21st July 2017

National level seminar on **“Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud based Processing”**

The Workshop titled “Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud Based Processing” was organized by the Department of Computer Science and Engineering, Mahendra College of Engineering, Salem Campus, Minnampalli, Salem on 20.07.2017 and 21.07.2017. This seminar was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally 150 students from various colleges have participated in this workshop. The Program started at 9.30am on 20.07.2017 in MCE Seminar Hall. The welcome address was given by **Dr.H.Lilly Beulah**, Professor and Head, Department of Computer Science and Engineering. She has delivered the welcome address for the Chief Guest **Mr. A.T. Kishore**, Principal Consultant in Telecom, UTL Technologies, and Bangalore. Also she welcomed the Principal, Dean-Academics, Hods, faculty members and all students.

The presidential address was given by Principal **Dr. N. Malmurugan**. He spoke about the purpose of conducting this kind of workshop and Importance of IoT. He encouraged the faculty members to organize more number of seminars in upcoming semesters. The felicitation address was given by Dean/Academics **Dr. N. Mohanasundara Raju**. He congratulated the department for getting the sponsorship from ICMR and also he mentioned the purpose of conducting national level seminar on IoT especially on Medical field.



National Level Seminar on Health Care Monitoring and Management Using Internet of Things (IoT) Sensing with Cloud Based Processing held on 20th & 21st July 2017

Name of the Event / Programme : **Faculty Development Progra**

Name of the Event / Programme : **Seminar**

Date of Event / Programme : 30th August 2017

One Day Seminar on “Problem solving and Python Programming”

A one day seminar on Problem solving and Python Programming held on 30.08.2017 at Seminar Hall, Mahendra College of Engineering, Salem. By 9:30 AM, the Event is inaugurated by **Dr.H.Lilly Beaulah**, HOD- Department of CSE, she gave the detailed purpose of learning the Python Language. Then, followed by **Dr.N.Malmurugan**, Principal, He explained about python language and gave some real time examples, of the python language and explained its importance. Then the Chief Guest **Mr.Palanivel**, Product Specialist, Software Development, Livewire, Chennai is honored by our Principal. The event gets started, **Mr.Palanivel** addressed himself. The basics of python Language is briefly explained to the students of 1st Year by him. He also explained the various modes of python Language like interactive mode and script mode. So, that the students came to know how to work in the interactive mode and how to save a file using the script mode. He gave many real time programs and explained to the students and showed the execution of programs.

At the end of the session, **Dr.N.MohanaSundhara Raju**, Dean-Academics, who gave the wonderful speech about python and insist the students to learn more about python and he ended the speech with vote of thanks, in the way of thanking everyone who supported to make that event a very successful one.



One Day Seminar on “Problem solving and Python Programming” held on 30th Aug 2017 in Mahendra College of Engineering, Salem by the resource person Mr.S.Palanivel, Product Specialist, Livewire, Chennai

Name of the Information : **Webinar on “IoT Platform” by Infosys**
Date of Information : 29th August 2017

Campus Connect Webinar on “IoT Platform”

Infosys Campus Connect (CC) is pleased to announce a Webinar series on IoT for the **CC Partnering Institutions**. WEBINAR or [Web](#)-based seminar is an effective virtual communication and collaboration medium using Internet. WEBINAR helps to bring together Subject Matter Experts (SMEs) and target audience i.e. students in a virtual meeting room and allow them to share the knowledge and discuss effectively. Totally 62 students are benefited from this webinar and they were learned about IoT through Infosys industrial resource person.

Webinar Topic: "IoT Platform"

Date & Duration: 29th August 2017, 2:30 PM to 3:30 PM

Speakers: *Nithyalakshmi P. and Anuj Jajoo, Infosys Campus Connect Team.*



Campus Connect Webinar on “IoT Platform” on 29th Aug 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “Elements of IoT Confirmation” by Infosys**
Date of Information : 31st August 2017

Campus Connect Webinar on “Elements of IoT Confirmation”

We have conducted a webinar on “Elements of IoT Confirmation” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: "Elements of IoT "

Date & Duration: 31st August 2017, 11:00 AM to 12:30 PM

Speakers: *Neena Mary and Anuj Jajoo, Infosys Campus Connect Team.*

Target audience: *Faculties and students*



Campus Connect Webinar on “Elements of IoT Confirmation” on 31st Aug 2017 at Mahendra College of Engineering, Salem

Name of the Event / Programme : **Guest Lecture cum Hands on Training**

Date of Event / Programme : 21st Sep 2017 & 22nd Sep 2017

Two Days Guest lecture cum hands on training on “Grid and Cloud Computing”

Two Days Guest lecture cum hands on training on “Grid and Cloud Computing” was organized at Mahendra college of Engineering- Salem, on 21st Sep 2017 & 22nd Sep 2017. The welcome address was delivered by Dr. H. Lilly Beulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions. Dr.N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The inaugural address of the chief guest was given by Dr H. Lilly Beulah, Prof & Head of CSE Department. The main objective of this programme was to impart grid and cloud computing among the engineering students and to enhance their skill to become strong in latest technology. After the inauguration function, the session was handled by Dr. Neela Madheswari, Professor of CSE, Mahendra Engineering College. She spoke about grid and cloud installation, writing programs in cloud linux os, running programs in cloud etc., All the third year students had enjoined this session and they were made interaction with speaker in an effectively.



Two Days Guest lecture cum hands on training on “Grid and Cloud Computing” held on 21st & 22nd Sep 2017 at Mahendra College of Engineering, Salem and the Resource Person was Dr. Neelamadheswari, Professor of CSE.

Name of the Event / Programme : Guest Lecture cum Hands on Training

Date of Event / Programme : 15th Sep 2017 to 16th Sep 2017

Two Days Guest lecture cum hands on training on “Graphics and Multimedia”

The event started with the formal inaugural function at 10.00 am in seminar hall on 15th Sep 2017. **Mr. Kaviarasu Yoganand** Iconic IT Professional Society, Chennai, **Dr. N. Malmurugan**, Principal MCE, **Dr. N. Mohanasundararaju** Dean-Academics, **Dr.H Lilly Beaulah** HOD CSE were present on the dias. The function started with invocation song followed by lightning the lamp, followed by welcome speech given by Dr.H Lilly Beaulah HoD/CSE. Beloved Principal **Dr. N. Malmurugan** address the gathering, Dean – Academics **Dr. N. Mohanasundararaju** felicitates the gathering and both shared their ideas and views.

The chief guest **Mr. Kaviarasu Yoganand** was honored with a memento by the Principal, Dean Academics & HoD /CSE as a token of thanks later the chief guest gave us an inspirational speech. The formal function was over and had a break for 15 minutes. Later the hands on training started at Laboratory 3& 4. The resource person could cover **GIMP** software with basic tools on 15th Sep 2017 and covered **BLENDER** software and its basic tools on 16th Sep 2017 with proper breaks in between the session. On 16th Sep 2017 Valedictory function started by 3.45 pm with **Dr. N. Malmurugan**, Principal MCE, **Dr. N. Mohanasundararaju** Dean-Academics, **Dr. H Lilly Beaulah**, HOD-CSE Mahendra College of Engineering. Faculties from various Intitutions shared their experience about FDP. The function was finally ended by thanking management, Principal, HoD, Faculties, Non-teaching staff who worked for this event to make this event a grand success.



Two Days Guest Lecture cum Hands on Training on “Graphics & Multimedia” held on 15th & 16th Sep 2017 by the resource person Mr. Kaviarasu Yoganand, Iconic IT Professional Society, Chennai

Name of the Information : **Webinar on “IoT Communication Model” by Infosys**
Date of Information : 6th September 2017

Campus Connect Webinar on “IoT Communication Model - WPAN Technologies”

We have conducted a webinar on “IoT Communication Model - WPAN Technologies” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: " IoT Communication Model - WPAN Technologies "

Date & Duration: 6th September 2017, 02:45 AM to 4:00 PM

Speakers: Lakshmi Rao and Anuj Jajoo, Infosys Campus Connect Team.

Target audience: Faculties and students



Campus Connect Webinar on “IoT Communication Model - WPAN Technologies” on 6th September 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “LPWA communication technologies” by Infosys**

Date of Information : 8th September 2017

Campus Connect Webinar on “LPWA communication technologies”

We have conducted a webinar on “**LPWA communication technologies**” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

Webinar Topic: " LPWA communication technologies "

Date & Duration: 8th September 2017, 02:45 AM to 4:00 PM

Speakers: Lakshmi Rao and Anuj Jajoo, Infosys Campus Connect Team.

Target audience: Faculties and students



Campus Connect Webinar on “LPWA communication technologies” on 8th September 2017 at Mahendra College of Engineering, Salem

Name of the Information : **Webinar on “UI Technologies” by Infosys**

Date of Information : 20th September 2017 to 5th October 2017

Campus Connect Webinar on “UI Technologies”

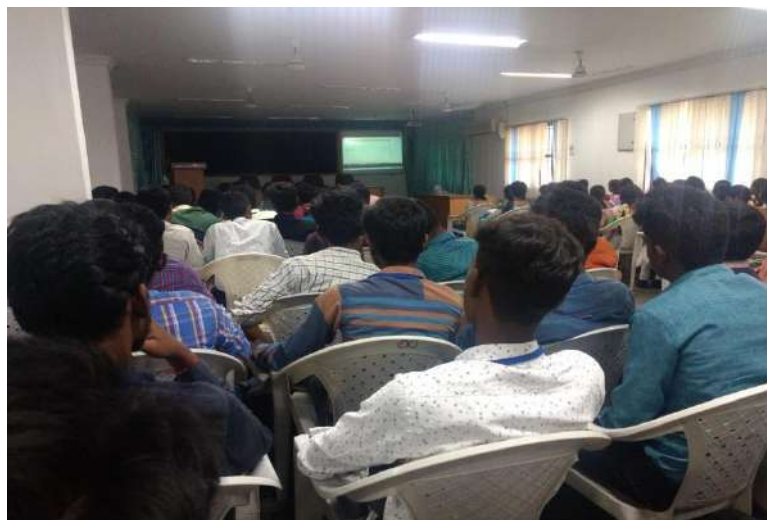
We have conducted a webinar on “UI Technologies” for final year CSE & IT students and the speaker of this webinar was by Infosys resource person at college premises. Totally 62 students were benefited by this program.

This webinar will introduce students to UI Technologies like Bootstrap, TypeScript and Angular JS. Students can practice Hands-on during this webinar.

Speakers: *Kalpana Balaraman, Lead, ETA and Sahana Kumaraswamy, Lead, ETA*

Date & Duration:

Sl. No	Topic	Date	Time
1	HTML5	Wednesday, 20 th September 2017	2:30 PM to 4:30 PM
2	CSS	Thursday, 21 st September 2017	2:30 PM to 4:30 PM
3	Twitter Bootstrap	Tuesday, 26 th September 2017	2:30 PM to 4:30 PM
4	Twitter Bootstrap	Wednesday, 27 th September 2017	2:30 PM to 4:30 PM
5	TypeScript	Tuesday, 3 rd October 2017	2:30 PM to 4:30 PM
6	Angular JS	Wednesday, 4 th October 2017	2:30 PM to 4:30 PM
7	Angular JS	Thursday, 5 th October 2017	2:30 PM to 4:30 PM



Campus Connect Webinar on "UI Technologies – HTML5, CSS, Bootstrap, Typescript, Angular JS" on 21th September 2017 to 5th Oct 2017 at Mahendra College of Engineering, Salem

Name of the Information : **“Inspire Faculty Partnership Level 2017” by Infosys**
Date of Information : 25th September 2017

Inspire Faculty Partnership Level 2017

Department of CSE & IT faculty members M.Jenolin Rex, A.Vijayalakshmi, R.Gayathri & P.Shanmugapriya has participated in “Inspire Faculty Partnership Level 2017” by Infosys, Bangalore on 25th September, 2017 and has been received appreciation of silver and browns Level award from Infosys.



Faculty members participated in Inspire Faculty Partnership Level 2017 Programme at Infosys, Bangalore on 25th September, 2017

Name of the Information : **"Train The Trainer program" by Infosys**
Date of Information : 6th to 8th September 2017

Train The Trainer program on "Data Visualization Tools"

Infosys Campus Connect has conducted the Train The Trainer program on "Data Visualization Tools" held at Ballari Institute of Technology and Management, Ballari from 6th to 8th September 2017. The objective of the TTT was to share our experience and learning methodology with the partnering college faculty members to enable them on "Data Visualization Tools" and also offer a networking platform to the partner colleges leading to a mutual learning experience.

Mr. M. Karthikeyan and Mr. M. Jenolin Rex has attended the **Train The Trainer program on "Data Visualization Tools"** held at Ballari Institute of Technology and Management, Ballari from 6th to 8th September 2017.



Mr. M. Karthikeyan and Mr. M. Jenolin Rex has attended the Train The Trainer program on "Data Visualization Tools" held at Ballari from 6th to 8th September 2017.

Name of the Event / Programme : **One Day Seminar**

Date of Event / Programme : 21st March 2018

Seminar on **“Innovative and Emerging Application of Big Data Based Water Security Analytics in Tamil Nadu”**

The Department of Computer Science and Engineering, Organized a one day seminar on **“Innovative and Emerging Application of Big Data Based Water Security Analytics In Tamil Nadu”** on 21.03.2018 at Mahendra College Of Engineering, Salem. Dr.H.Lilly Beaulah, Head of the Department, Computer Science and Engineering, Mahendra College of Engineering, who gave brief introduction about the IEI & IEI Salem Local Centre. Er.SR.Saravanan, MIE, Honorary Secretary, IE (I) Salem Local Centre, Salem, delivered the welcome address. Dr.N.Mohanasundara Raju, Dean/Academics, Mahendra College of Engineering, Honoured the Chief Guest and delivered the felicitation address. Mrs.A.Vijayalakshmi, AP/CSE, Programme Coordinator, Department of Computer Science and Engineering, Mahendra College of Engineering, delivered the vote of thanks.

Total participants for the one day seminar were around 150 students from the Department of Computer Science and Engineering. In this seminar we discuss in detail about the Big Data & its emerging applications and Water Security which are available in Tamil Nadu. From this seminar, students can able to understand the importance of Big Data Analytics, Applications of Big Data and Water Security.



1. Er.SR.Saravanan, MIE, Honorary Secretary, IE (I) Salem Local Centre, Salem, delivered the welcome address. 2. Dr. Tholkappia Arasu Govindarajan, delivered his lecture on the topic of **“21st Century Developments and Innovation Impacts”**

Name of the Event / Programme : **One Day Seminar**

Date of Event / Programme : 27th March 2018

One Day Seminar on “IoT based Smart City –A Generic Approach”

One day seminar was started with the formal inaugural function at 10.00 am in Auditorium held on 27th March 2018. Prof. **Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry, DR. N. Malmurugan, Principal MCE, Dr. N. Mohanasundararaju, Dean-Academics**, Hod's of various departments were present on the Dias. The function started with a invocation song followed by lightning the lamp, followed by welcome speech & briefing chief guest profile was proposed by **Dr. Suganthi ,HoD of ECE department**.

Beloved **Principal Dr.N. Malmurugan & Dean – Academics Dr. N. Mohanasundara Raju** felicitate the gathering and both shared their ideas and views then followed by honoring the chief guest by our Principal and Dean -Academics as a token of thanks. We had total count of 400 students in the auditorium for the seminar.

The honorable chief guest Prof. **Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry**, started his session with a brief introduction about IoT & Smart city. He spoke about various topics such as Applications vs. Outcomes , Trends Leading to Smart Cities, Political Trends, Technological Trends, Social Trends, Environmental Trends, Benefits of Smart Cities, Essential Components of Smart Cities, Sustainability / Resiliency, Equity – Digital Divide, Smart Cities Applications etc.,



One Day Seminar on “IoT based Smart City –A Generic Approach” held on 27th March 2018 by resource person Dr. V. PRITHVIRAJ, Chairman, CSR, Government of Puducherry,

Name of the Programme : **Value Added Course on “JAVA Programming”**
Date of Event / Programme : 1st Feb 2018 to 31st March 2018(6 days)

Value Added Course on “JAVA Programming”

A value added course on “JAVA Programming” was conducted in computer lab at Mahendra College of Engineering- Salem, on 1st February 2017 to 31st March 2017 (6 days) on every Saturday for Second Year, Fourth Semester CSE students.

The joint venture with various organizations facilitates the students as well as the faculty to keep pace with the latest technologies pertaining to their chosen field of studies. We have conducted a value added programme where in the students are getting trained well. From the expertise our students gain knowledge through the value added programmes, which will enable them to face the formidable challenges of the future. By improving practical knowledge, students can face the IT industry with confidence. They can develop their programming skills which in turn helps them in their career.



Value Added Course on “Java Programming” conducted from 1st Feb to 31st March 2018 for Second year CSE Students by resource person Mr.S.Aravinthakumar, Green Tree Software Solutions, Chennai.

Name of the Event : Workshop Date of Event : 7th & 8th March 2016
Programme: Workshop on “LINUX Security”

National Level Workshop on “LINUX Security”

The departments of Computer Science and Engineering and Information Technology organized a one day National Level workshop titled “**Linux Security**” on 07.03.2016 & 08.03.2016. The Chief Guest for the function was Mr.Sainath, TechTrunk Ventures Pvt. Ltd. IIT, Kanur The Program started with the inaugural function at 10.30 am and this was made to be the most devotion with Tamil thaivazhthu. The welcome address was given by the student coordinator Mr. S. Ganapathy I Year IT. The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about Security Hacking in Real time applications. Also he encouraged all the students to attend more activities related to security technology. After the inaugural function the sessions were handled by Mr. Sainath, TechTrunk Ventures Pvt. Ltd., IIT ,Kanur. He covered the topics Multimedia Editing Tools, VFX tools, Color Correction, Green Matt , Documentary Making, Audio video mixing. In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem, distributed Participants certificates to the students. Ms. R. Bhuvana,III/CSE delivered the Vote of thanks.



Two Days National Level Workshop titled “Linux Security” on 07.03.2016 & 08.03.2016 and the resource person Mr. Sainath delivering the session

Name of the Event : Workshop Date of Event : 17th & 18th March 2016
Programme : Workshop on "iOS Application Development"

Workshop on "iOS Application Development"

The departments of Computer Science and Engineering and Information Technology organized two days workshop titled "iOS Application Development" on 17th & 18th March 2016. The Chief Guest for the function was Mr. Sainath Volan, Techtrunk Ventures Pvt., Ltd., IIT, Kanpur. The program started with the inaugural function at 10.30 A.M. and this was made to be the most devotion with Tamil Thaivazhthu.

The welcome address was given by the student coordinator Mr. S. Sreenivasa Subramanian. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais.

The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about the popular technologies for Mobile Application Development. Also encouraged all the students to attend more activities related to Application Development.

After the inaugural function the sessions were handled by Mr. Sainath Volan, Techtrunk Ventures Pvt., Ltd., He covered the topics such as Introducing iPhone & iOS, iOS Development Environment, User Interface Programming, Multi Touch and Gestures API, Networking and connectivity, Application Deployment. In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem distributed participants certificates to the students. Ms. M. Aarthi delivered the Vote of Thanks.

Name of the Event : Conference
Programme : National Level Conference on “Human Computer and Visualization”
Date of Event : 30th March 2016

National Level Conference on “Human Computer and Visualization”

The event started with the formal inaugural function at 10.00 am in seminar hall Prof.Goverdhan Aliseri (Director, SIT & Executive council member, Jawaharlal Nehru Technological university, Hyderabad, IP Chairman,CSI Hyderabad, AP, INDIA), Prof. Ramadoss CLM (Chief operating officer at A&T, Video networks private LTd,Madurai,TN,INDIA), Dr.R.Ashokan(Principal), Dr.N.Malmurugan(Dean Academics), Dr. H. Lilly Beaulah (HOD/CSE), Mr. N.Satish (HOD /IT) were present on the dais.The function started with invocation song followed by lightning the lamp by the chief guests Prof. Goverdhan Aliseri, Prof. Ramadoss CLM, Principal and HODs followed by Presidential speech given by Dr. R. Ashokan, Principal of Mahendra College of Engineering. Then the Felicitation Address given by Dr. N. Malmurugan, Dean-Academics, Mahendra College of Engineering.

The honorable chief guest Prof.Goverdhan Aliseri and Prof.Ramadoss CLM gave us an inspirational speech on paper presentation and its importance followed by chief guest’s felicitation as a token of thanks.Paper presentation sessions was held in two venues and to judge the event we had three judges by name Dr. Kanchana, Associate Professor from Mahendra College of Engineering for Women and Dr. Neelamadheswari, Professor, Mahendra Engineering College, Mallasamudram,Namakkal. We had total count of 34 students registered and presented in the sessions. All events were completed by 4 pm with the winners list.

Valedictory function started by 4.05 pm with Dr. R Ashokan Principal, Mahendra College of Engineering, Dr. N. Malmurugan Dean-Academics, Mahendra College of Engineering as a guest. Students from different colleges shared their experience about CSEIT-16 followed by prize distribution for winners.The function was finally ended by Mr.N.Satish(HOD/IT) for thanking management, Principal, HOD, Faculties, Non-teaching staff and all student co-coordinators who worked for this event to make this event a grand success.



Prof.Goverdhan Aliseri (Director, SIT & Executive council member, Jawaharlal Nehru Technological university, Hyderabad, IP Chairman,CSI Hyderabad, AP, INDIA), speech held on 30th March 2016

Name of the Event : **National level Technical Symposium**

Date of Event : **09.09.2016**

National level Technical Symposium CSEIT'16

Mahendra College of Engineering, Department of Computer Science and Engineering conducted a National level Technical Symposium on 09th September 2016 at 9.30 am. The programme was started with the presence of Thirumigu M. G. BharathKumar, Chairman, in the grace of Er. Ba. Mahendhiran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Educational Trust. The session was started by lighting of lamp. Principal Dr. R. Asokan address the gathering, Dean – Academics Dr. N. Malmurugan felicitate the gathering and both shared their ideas and views. The chief guest Mr. I Stephen gave us an inspirational speech through which he had picked Dr. J Abdul Kalam 's vision towards mission 2020 On behalf of Computer Science and Engineering, Dr. H. Lilly Beaulah, Head of Department, welcomes the gathering.

Thiru. I. Stephen, Chief Manager, Project Manager, Electronics Corporation of India, Chennai region, inaugurates the session. He spoke about the latest technology and skill developments for young engineers. 150 participants from 30 colleges in various zones like Coimbatore, Namakkal & Salem have participated & proved their talents. 6 types of events like Paper Presentation, Technical Quiz, Web Plan, Word Hunt, Debugging and Fotografia Event conducted parallel under the domain of various Event heads. Each event went on with 3 rounds and finally the 1st & 2nd prize winners were selected based upon their skills & knowledge.

The valedictory started at 4.00 pm at Seminar Hall. The winners had been awarded with memento & Certificates. The prize winners have been honored by the chief guest & principal of Mahendra College of Engineering. The session ends with national Anthem.



One day National Level Technical Symposium organized on 09th September 2016 and the resource person Thiru. I. Stephen, Chief Manager, Project Manager, Electronics Corporation of India, Chennai region,

Name of the Event : **Workshop on "PHP"**

Date of Event : **15.09.2016**

Workshop on "PHP"

The departments of Computer Science and Engineering and Information Technology organized one day Workshop titled “PHP” on 15th September 2016. The Chief Guest for the function was Mr.S.Senthilkumar, KALVI-Higher Education & Research Institute, Salem.

The Program started with the inaugural function at 9.30 A.M and this was made to be the most devotion with Tamil Thaivazhthu. The welcome address was given by the student coordinator Ms. R. Mariyammal. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais. The presidential address was given by Dr. R. Asokan, Principal, Mahendra College of Engineering. He spoke about the Open Source Software technology and its applications. Also encouraged all the students to attend more activities related to Open Source Software Development.

After the inaugural function the sessions were handled by Mr. S. Senthilkumar, KALVI-Higher Education & Research Institute, Salem.

He covered the topics like Overview of PHP, Basic Scripting and Looping Constructs, Arrays in PHP, PHP Functions, Working with Database and Forms, Using Cookies in PHP and Miscellaneous PHP tasks.

In the valedictory function, Dr. R. Asokan, Principal, Mahendra College of Engineering, Salem, has distributed participant’s certificates to the students. Ms. Meenadevi. J delivered the Vote of Thanks.



Mr.S.Senthilkumar, CEO, KALVI -Higher Education and Research Institute, Salem.

Name of the Event : **Seminar on “Business Intelligence”** Date of Event : **09.01.2017**

Seminar on “Business Intelligence”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Seminar on “Business Intelligence”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Business Intelligence to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. Rupesh Kumar Singh, Business Application Programmer, Infosys, Bangalore. He spoke about various business intelligence part features in an innovative and efficient way. The session was proceeded by Big data analytics, Data discovery, Integrated platforms etc. The day ended with certificates distribution and feedback collection sessions. The whole day the students and the resource person interact in an effective way to share knowledge. The students were satisfied with knowledge thriving using query session well answered by the resource person.



Mr. Rupesh Kumar Singh, Business Application Programmer, Infosys, Bangalore on 9th Jan 2017.

Name of the Event : Seminar on “Internet of Things”

Date of Event : 11.01.2017

Seminar on “Internet of Things”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Seminar on “Internet of Things”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Business Intelligence to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.B.V.Hari Prasad Reddy, Managing Director, GreenTree Software Solutions, Chennai. . He spoke about various and emerging trends on Internet of Things part features in an innovative and efficient way. The session was proceeded by Transportation, Knowledge sharing and etc.

The day ended with certificates distribution and feedback collection sessions. The whole day the students and the resource person interact in an effective way to share knowledge. The students were satisfied with knowledge thriving using query session well answered by the resource person.



Mr.B.V.Hari Prasad Reddy, Managing Director, GreenTree Software Solutions, Chennai.

Name of the Event : **Seminar on “Emerging Trends on Network Engineering”**

Date of Event : **14th Feb’ 17**

Seminar on “Emerging Trends on Network Engineering”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a FDP on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. Mr. P. Ashwin Gowtham, Senior Network Engineer, Livewire, Chennai has explained about the emerging trends in detail. The main objective of this seminar is to expose the emerging Trends in Computing, Informatics, Systems Sciences, and Engineering and detailing state-of-the-art research projects in the areas of Industrial Electronics, Technology & Automation, Telecommunications and Networking. Finally, session has end up with discussion with students.



Seminar on “Emerging Trends on Network Engineering” held on 14th Feb 2017 and the resource person was Mr. P. Ashwin Gowtham, Senior Network Engineer, Livewire, Chennai.

Name of the Event : **Workshop on "Fundamental of CCNA"**

Date of Event : **17th , 24th Feb & 3rd March '17**

Workshop on "Fundamental of CCNA"

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Workshop on "Fundamentals of CCNA". The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Fundamentals of CCNA to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.R.S.Vignesh, Senior Network Engineer, Livewire,Chennai. He spoke about various Fundamentals of CCNA features in an efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The workshop proceeds with Introduction, CCNA, Networking, TCP, IP, Routers, Switches, Tracing, UDP, SMTP, POP, SNMP, HTTP, FDP, Infrastructure Services, Infrastructures Securities, Infrastructure Management ,Routing Technologies, Wireless topics, Wan Technologies, LAN Switching Technologies.

The three days workshop was ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : Guest Lecture on “Opportunities available in Semi Conductor Domain”

Date of Event : **21st Feb’17**

Guest Lecture on “Opportunities available in Semi Conductor Domain”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Guest Lecture on “Opportunities available in Semi Conductor Domain ”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The session was handled by Mr. S. Aravintha kumar, Software Developer, Green Tree Software Solutions, Chennai. The main objective of this programme is to motivate and guide young engineering graduates towards the Opportunities available in Semi Conductor Domain. At the end of the Guest Lecture, feedback was collected from the students and query session with answers by the resource person.

Name of the Event : Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”

Date of Event : 24th Feb’ 17

Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Awareness Program on “Protective Mechanisms for Young Adulthood Cybercrime”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department and Shri M. G. Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er. Ba. Mahendran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr. N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Cybercrime. After the inauguration function, the session was handled by Mr. Sathish Ashwin, Security Analysts-Deep Identity, Head- National Cyber Defense Research Centre, India. He spoke about various mechanisms for Young Adulthood Cybercrime. The session was proceeded by the details of cybercrime, impact of cyber crime, new opportunities for cyber crime and protective mechanisms for young adulthood. The Awareness Program ended with feedback collection sessions.

Name of the Event : Guest Lecture on “Java Programming”
Date of Event : **23rd Feb 2017**

Guest Lecture on “Java Programming”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Guest Lecture on “Java Programming” on 23rd Feb 2017. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the Java Programming to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. S. Aravintha kumar, Software Developer, Green Tree Software Solutions, Chennai. . He spoke about various Java Programming in an innovative and Efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The Guest Lecture proceeds with Introduction

The Guest Lecture ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : **Awareness programme on “IT infrastructure and management”**
Date of Event : **20th March 2017**

Awareness programme on “IT infrastructure and management”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a Awareness Program on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beaulah, Prof & Head of CSE Department, Mahendra College of Engineering and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er. Ba. Mahendran, Er. B. Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr. N. Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to motivate and guide young engineering graduates towards the IT Infrastructure and Management to the fundamental developments of India.

After the inauguration function, the session was handled by Mr. R. S. Vignesh, Senior Network Engineer, LIVEWIRE, Chennai. He spoke about various IT Infrastructure and Management in an innovative and efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The Awareness Program proceeds with Introduction

The Awareness Program ended with certificates distribution and feedback collection sessions. The students were satisfied with knowledge thriving using query session well answered by the resource person.

Name of the Event : Workshop Programme : Workshop on Mediastrom
Date of Event : 29th Feb 2016

Workshop on “Mediastrom”

The departments of Computer Science and Engineering and Information Technology organized a one day National Level workshop titled “**MEDIASTROM**” on 29.02.2016. The Chief Guest for the function was Mr.S.Jagadhesh , GENITS-IT Services. The Program started with the inaugural function at 10.30 am and this was made to be the most devotion with Tamil thaivazhthu. The welcome address was given by the student coordinator Mr. S. Ganapathy II Year IT. The enlighten of the function was enhanced in the traditional way by the lighting lamp by the members of the dais. The presidential address was given by Dr. R. Asokan, Principal , Mahendra College of Engineering. He spoke about the Multimedia Technology in Real time applications. Also he encouraged all the students to attend more activities related to multimedia technology.

After the inaugural function the sessions were handled by Mr. S. Jagadhesh, GENITS-IT Services. He covered the topics

7. Multimedia Editing Tools
8. VFX tools
9. Color Correction
10. Green Matt
11. Documentary Making
12. Audio video mixing

Name of the Event : Value added course on “Network Engineering, Routing and Switching”

Date of Event : 11.06.2016 to 18.06.2016

Value added course on “Network Engineering, Routing and Switching”

A value added course on “**Network Engineering, Routing and Switching**” was conducted in computer lab at Mahendra College of Engineering- Salem, on 11th June 2016 to 18th June 2016 (7 days) .



Value added course on “Network Engineering, Routing and switching” held on 11.06.2016 to 18.06.2016

Name of the Event : **Value added course on “JAVA Programming”**

Date of Event : **06th , 13th & 20th August 2016**

Value added course on “JAVA Programming”

A value added course on “JAVA Programming” was conducted in computer lab at Mahendra College of Engineering- Salem, from 6th ,13th and 20th August 2016 (3 days) for Third Year, Sixth Semester Computer Science and Engineering College students. There are nearly 14 students participated from our college.

Students will develop their skills and some innovative ideas to apply in their projects. Java was developed to achieve object-oriented, distributed, robust, secure, independent platform, interpreted language and parallelism. In this course, students are very much interested in focusing their knowledge development in practical side. Because, practical knowledge is very important to understand how things actually work. Practical knowledge leads to a much deeper understanding of a concept through the act of doing and personal experience.

Practical knowledge empowers an individual to achieve something that he has been studying about. It is worth noting that not only in professional life; you need to have in good practical approach for your life in general. Hence it becomes really important for proper growth and utilization of your knowledge in JAVA Programming in practical.

Detail of the Programme : Seminar on “Entrepreneurship Development for Engineering Students”

Date: 09.08.16

Name of the Department: CSE & IT

Seminar on “Entrepreneurship Development for Engineering Students”

Seminar titled “Entrepreneurship Development for Engineering Students” was organized at Mahendra college of Engineering- Salem, on 9th August -2016 for Engineering College students.

The main objective of this programme is to impart entrepreneurship culture among the engineering students and to enhance their skill on a specific technique. The session was taken by Mr. Vishnu S Prasad, Chief Operating Officer, Orthus Softwares LLP, and Cochin. He spoke about what is Entrepreneurship? What are the roles of Entrepreneur? Characteristics of Entrepreneurship, etc.

Finally he concluded with advantages and disadvantages of entrepreneur, how to become success in business life. All the final year students had enjoined this session and they were made interaction with speaker in an effectively.



Mr. Vishnu S Prasad , Chief Operating Officer, Orthus Softwares LLP, Startup Village, Cochin.

Name of the Event : **Guest Lecture**

Detail of the Programme : **Guest Lecture on “Database Technology”**

Date: **05.08.16**

Name of the Department : **CSE & IT**

Guest Lecture on “Database Technology”

Mahendra College of Engineering, Department of Computer Science and Engineering organized a guest lecture on “Database Technology”.

The session was taken by, Mr. A. Aravindh, DB Technical Trainer at Concentrix, Hyderabad. The session aimed at introducing to students the latest Knowledge of Oracle database technology with working industry environment and their importance in the student’s professional growth in the IT industry.

The approach to the topic with suitable examples attracted students. The lecture mainly focused on expressing what is database? RDBMS, non-RDBMS, Which is the leading database technology in market?, What is the career scope in database technology?, eligibility criteria to get into database field, career growth in this database field and many more. Moreover it was a very interactive session and students participated with great interest.



Mr. A. Aravindh, DB Technical Trainer, Concentrix, Hyderabad.

Name of the Event : **Guest Lecture**
Detail of the Programme : **Guest Lecture on “Startup”**
Date: **08.08.16**
Name of the Department : **CSE & IT**

Guest Lecture on “Startup”

Mahendra College of Engineering, Department of Computer Science and Engineering organized a guest lecture on “Startup”.

The main objective of this programme is to motivate and guide young engineering graduates towards StartUp India. The session was taken by Mr. Sageer Mohammad, Tech Trunk, Business Development Manager, Hyderabad. He spoke about startup features, Start ups Innovation and Growth in India, Start Ups Drive on Banks, Action plan for Start Up India, Types of Ideas That Develop into Startups, Evaluation Criteria for a Startup Venture, Activities suggestions for educational institute.

- Innovative Idea Contest
- College level Student Debate
- Essay Competition
- Innovation Day Workshop
- Be a part of 5,00,000 student to encourage innovation

The speakers explained all the points in detail and handled all the queries with expertise. It was a great experience as the Guest Lecture was motivational, informative, and interactive and student participated with full enthusiasm and spirit.

Name of the Event : **FDP on “IT Infrastructure and Management”**

Date of Event : **18th, 19th & 21st Jan 2017**

FDP on “IT Infrastructure and Management”

Mahendra College of Engineering, Department of Computer Science and Engineering and Information Technology organized a FDP on “IT Infrastructure and Management”. The welcome address was delivered by Dr H. Lilly Beulah, Prof & Head of CSE Department and Shri M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, presides over the function. It was graced by Er.Ba.Mahendran, Er.B.Maha Ajay Prasath, Managing Directors, Mahendra Group of Institutions.

Dr.N.Malmurugan, Principal, Mahendra College of Engineering, was felicitating the gathering. The main objective of this programme is to guide faculty members towards the IT Infrastructure and Management to the fundamental developments of India.

After the inauguration function, the session was handled by Mr.R.S.Vignesh, Senior Network Engineer, Livewire, Chennai. He spoke about various IT Infrastructure and Management features in an efficient way. The session was proceeded by deployments and demo of IT infrastructures etc. The workshop proceeds with Introduction, Data centre, Data centre terminology, IT Transformation, Cloud Dreams and Infrastructure deployment. The three days FDP ended with discussion and feedback collection sessions.



Three days FDP on “IT Infrastructure and Management” on 18th, 19th & 21st Jan'17 by the resource person Mr.R.S.Vignesh , Senior Network Engineer, Livewire, Chennai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Event / Programme / Information, MoU, Celebration, etc. **Early detection and analysis of gestational age and delivery date in second and third trimesters of Fetal images using Engineering approaches**

Date of Event / Programme / Information, MoU, Celebration, etc: **16.02.2016 & 17.02.2016**

A Two Days Workshop on “Early detection and analysis of gestational age and delivery date in second and third trimesters of Fetal images using Engineering approaches” was organized by the Department of Electronics and Communication Engineering on 16.02.2016 & 17.02.2016. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 250 students from various departments & college students were participated in this workshop. The special lecture was delivered by Dr.Abiyeet V Waghmare, Senior Group Supervisor, St.John's Research Institute Bangalore.



Detail of the Programme- Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'16)_and associated Date: 23.03.2016

- One Day National Level Conference on “Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'16)” was organized by the Department of Electronics and Communication Engineering on 23.03.2016. The Chief Guest was Dr.R.Karthikeyen, Co-Founder and CTO, TECLEVER Group, Bengaluru. Nearly 97 students from various colleges have participated in this Conference.



Name of the Event / Programme / Information, MoU, Celebration, etc. **Mobile phone Servicing**

Date of Event / Programme / Information, MoU, Celebration, etc: **23rd to 26th Sep 2016**

A Four Days Workshop on “Mobile phone Servicing” was organized by the Department of Electronics and Communication Engineering on 23rd to 26th Sep 2016. The special lecture was delivered by Mr.B.Krishnakumar, Managing Director, New Technology, Coimbatore. Nearly 52 students are participated in this workshop. This workshop aims in providing deep onsite and expertise towards mobile phone servicing. A detailed knowledge of all types of handsets (Touch Screen, Semi Touch Screen, Non Touch Screen, etc) and the problem encountered during their usage will be dealt.



Detail of the Programme **EGLITZ'2016** and associated Date: **23.08.2016 to 26.08.2016**

One Day National Level Technical Symposium on “EGLITZ'2016” was organized by the Department of Electronics and Communication Engineering on 7th September 2016. The Chief guest was Dr.D.Malathi, Director, Quantum Nano Scientific Pvt. Ltd, Chennai. Nearly 150 students from various colleges have participated in this symposium



Detail of the Programme **Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'17)** and associated Date: **31.03.2017**

One Day National Level Conference on "Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA'17)" was organized by the Department of Electronics and Communication Engineering on 31st March 2017. The Chief Guest was Dr.R.Karthikeyan, Co-Founder and CTO, TECLEVER Group, Bengaluru. Nearly 97 students from various colleges have participated in this Conference.





Name of the Event / Programme / Information, MoU, Celebration, etc. **Effects of Electromagnetic Radiation (EMR) on Human Health**

A One day Seminar on “Effects of Electromagnetic Radiation (EMR) on human health” was organized by the Department of Electronics and Communication Engineering on 7th July 2017. This Seminar was sponsored by Indian Council of Medical Research(ICMR),New Delhi. This seminar was sponsored by Council of Scientific and Industrial Research (CSIR), New Delhi. Totally more than 200 members from Second, Third and Final year students of ECE and Biomedical students have participated in this Seminar. The special lecture was delivered by Dr.M.Murugesan, Radiology Department, Manipal hospital, Salem.



Detail of the Programme **Menstrual Hygiene Management for Adolescent Girls** and associated Date: **11th to 12th July 2017**

A Two Days Workshop on “Menstrual Hygiene Management for Adolescent Girls” was organized by the Department of Electronics and Communication Engineering on 11th to 12th July 2017. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 430 girl students from various departments have participated in this workshop. The special lecture was delivered by Dr.S.Raj Arul Mercy, Professor, Govt. Mohan kumaramangalam Medical College, Salem.



Detail of the Programme **Applications of Image Processing and Artificial Intelligence Techniques in Medical Plant Detection** and associated Date: **10th & 11th August, 2017**

A Two Days Workshop on “Applications of Image Processing and Artificial Intelligence Techniques in Medical Plant Detection” was organized by the Department of Electronics and Communication Engineering on 10th & 11th August, 2017. This workshop was sponsored Council of Science and Industrial Research(CSIR), New Delhi. Totally 155 members from various Engineering colleges which includes Faculty members, PG students and UG students have participated in this workshop. The special lecture was delivered by Dr.G.Sainarayanan, Senior Technical Specialist, HCL Technologies Ltd, Chennai.



Detail of the Programme **Applications of mathematical modeling and adaptive neuro-fuzzy sets for designing on efficient medical image diagnosis system for identifying common diseases** and associated
Date: **20 & 21st September 2017**

A Two days Workshop on “Applications of mathematical modeling and adaptive neuro-fuzzy sets for designing on efficient medical image diagnosis system for identifying common diseases” was organized by the Department of Electronics and Communication Engineering on 20th & 21st September 2017. This workshop was sponsored by Indian Council of Medical Research (ICMR), New Delhi. Totally more than 80 members which include faculty members and students from various colleges have participated in this workshop. The special lecture was delivered by Dr.S.J.Thiruvengadam, professor, Thiagarajar College of Engineering, Madurai.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ONE DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM ELSYNC'16

Date of Event: 26-08-2016

One day National level Technical symposium ELSYNC'16 has been conducted on 26.08.2016. Er.Raju.V.R.Palanisamy , President of Tamilnadu Solar Energy Association was the chief guest.130 students from various reputed institutions participated and presented their papers.



The chief guest Er.Raju.V.R.Palanisamy , President of Tamilnadu Solar Energy Association inaugurating the function by lighting the holy lamp.



In the chair L.John Sagaya Leenus the student chairman of symposium, The Principal Dr.N.Malmurugan, The chief guest Er.Raju.V.R.Palanisam, Mr.R.Anand HoD/EEE during the program.



The principal Dr.N.Malmurugan felicitates the gathering during the program.

ONE DAY WORKSHOP ON EMERGING TECHNOLOGY IN ELECTRONICS

Date of Event: 30.01.2017

The EEE Department has organized a one day workshop on Emerging technology in Electronics on 30.01.2017. Er.R.S.Sathiskumar , Senior Engineer from LIVEWIRE was the chief guest. Nearly 70 students were benefited out of this workshop.



The chief guest Er.R.S.Sathiskumar lecturing students during the event

WORKSHOP ON Microprocessor And Micro Controller Based Embedded System Design

Date of the Event : 7,8,9-March-2016

Department of EEE organized three days workshop in title of Microprocessor and Microcontroller Based Embedded System Design, on 7,8,9-March-2016. The chief Guest was Mr.M.Parthipan, M.E, Senior Manager, Caliber Technologies. Nearly 28 students from final year EEE students were benefited from this workshop.



The resource person from Caliber Technologies briefing the students about the workshop



The students were practicing with microprocessor during the workshop.

Four Days Workshop On Analog Electronics And Pcb Design

Date of the Event: 19.09.2016 to 22.09.2019

Four days workshop on “Analog Electronics and PCB Design” has been conducted from 19.09.2016 to 22.09. 2016, Mr.K.Parthipan, M.E, Senior Design Engineer from Caliber Embedded system was the trainer, nearly 68 students from Final year and Third year students were benefited from the program.



The students were interacting with faculties with their demonstration kit.

ONE DAY SEMINAR PROGRAM IN ISTE FACULTY CHAPTER

Date of the Event: 18.01.2017

Dept of EEE organized One day seminar program in "ISTE Faculty Chapter" on 18 January 2017, nearly 60 teaching faculties from various department has been benefited from this program. Mrs.K.THENMOZHI, Sr.EDA Engineer, Live Wire was the resource person.



The resource person Mrs.K.Thenmozhi presenting in front of gathering during the program



The faculty members from various departments participated in the program.

TWO DAY WORKSHOP IN MOBILE SERVICING

Date of the Event: 06.03.2017 & 07.03.2017

The department of EEE Conducted two day workshop in "Mobile Servicing" during 06 & 07 March-2017, the resource persons for this program was Mr.B.Krishnakumar & Team, from NEW TECHNOLOGY, Coimbatore. Nearly 57 students from EEE department participated in this program.



The resource person Mr. B.Krishnakumar interacting with students during the workshop.

GUEST LECTURE ON CONTROL SYSTEM

Date of the Event: 01.08.2017

Department of EEE organized one day guest lecture in “Control System” on 01.08.2017. Dr. J.S.Christy Mano Raj, Assistant Professor, (Sr.Grade), from Government College of Engineering, Salem was the resource person for this program. Fifty seven third year EEE students were benefited from this guest lecture.



The resource person Dr. J.S.Christy Mano Raj, taking session during the program.

ONE DAY SEMINAR ON PRODUCT ANALYSIS USING MATLAB

Date of the Event: 29.08.2017

Department of EEE conducted one day seminar in the title of “Product Analysis using MATLAB” on 29 08 2017 Mr.S.Sathish kumar, Sr.Engineer from LIVE WIRE was the resource person. The final year and third year students from EEE department were participated in this program.



The resource person Mr.S.Sathish kumar, taking session during the program.

IEI SPONSORED NATIONAL SEMINAR ON “RECENT TRENDS IN SOLAR ENERGY WITH EFFICIENT IOT CONTROL

Date of the Event: 26.02.2018

Department of EEE conducted one day IEI Sponsored National Seminar on “Recent trends in solar energy with efficient IoT control” on 26.02.2018. The chief guest for the event was Mr.V.Subramanian, Manager (Switch Gear Training Centre) M/S Larson &Toubro Limited, Coonoor, Tamilnadu. Nearly 110 students from third year and final year have been benefited from the event.



The resource person Mr. Mr.V.Subramanian, taking session during the program

SKILL DEVELOPMENT PROGRAM - SURYAMITRA

Date of the Event: 18.01.2018(45 days from the date of inauguration)

Department of EEE in association with Mangla Smart Energy Pvt Limited organized Skill Development Program - Suryamitra to knowledge students about Solar Energy system Design, Installation and Conservation. Nearly 30 final year later entry EEE students from our group of institutions were benefitted from this program. The resource persons for this program was Dr. Vimal Kumar Eswerlal, Mangla Smart Energy Solution Pvt Ltd, Tirupur, and Mr. T.Thivagar, B.E.M.Tech., Assistant Professor & Trainer, Mangla Smart Energy Solutions Private Limited, Tirupur.



The practical session with trainer and Mr. T.Thivagar-., Assistant Professor & Trainer, Mangla Smart Energy Solutions during the program

Name of the Event: Workshop on “Computational Fluid Dynamics”

Date of Event: 22.09.2017

The workshop on Computational Fluid Dynamics is conducted for creating awareness on importance of software analysis of fluid flow and the miniaturization of manual work by the computational process. The workshop provided an introduction about Autodesk CFD and it is provided a flat form for working basics on Autodesk CFD.



Inauguration



Presentation Session



Students participation