



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthal kuppam, Puducherry – 605 107

DEPARTMENT OF INFORMATION TECHNOLOGY



NEWS LETTER
2016 - 2017
ODD SEMESTER



Bi - Annual Issue
Volume 01

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VISION OF THE DEPARTMENT

To transform the individuals into globally proficient Information Technologists, to meet the challenges of the evolving society.

MISSION OF THE DEPARTMENT

- M1: **Higher Order Thinking:** To provide quality education in both theoretical and practical aspects in the field of Information Technology.
- M2: **Competency:** To equip the students to cater the industrial demands through providing advance training.
- M3: **Continuous Learning:** To encourage and guide the students to participate in research oriented activities and pursue higher education.
- M4: **Entrepreneurship:** To inculcate the spirit of entrepreneurship among students to serve the nation.



★ Educate

★ Empower

★ Excel



MANAKULA VINAYAGAR

INSTITUTE OF TECHNOLOGY

Kalitheerthal kuppam, Puducherry – 605 107

VISION OF THE INSTITUTION

To accomplish excellence in the field of technical education and scientific research on regional, national and international levels through committing to total quality for its faculty, providing excellent infrastructure, research facilities and conducive atmosphere that would motivate the students in the pursuit of knowledge in Engineering and Technology.

MISSION OF THE INSTITUTION

- ◆ To provide in depth knowledge in fundamentals to students to improve their learning and analytical skills.
- ◆ To provide our students with the most progressive, relevant and well rounded academic programs, supporting their learning through advanced and extensive resources.
- ◆ To promote interaction with industries and other institutes of higher learning to equip our students to face the challenges on real time problems.
- ◆ To develop the overall personality of the students to mould them into a good citizen with integrity and morality.



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Program Educational Objectives (PEOs)

- PEO1: Employability:** Graduates apply the knowledge of computations, engineering and technology to pursue a good career in the Information Technology.
- PEO2: Higher Education:** Graduates will participate in life - long learning through the successful completion of advanced degrees, continuing education and other professional developments.
- PEO3: Entrepreneurship:** Graduates will have the ability to exhibit their leadership quality and enable them to become an entrepreneur.
- PEO4: Ethics:** Graduates cultivate professional and ethical attitudes with effective communication skills, team work and multi - disciplinary approach related to engineering issues.



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Program Outcomes (POs)

- PO1: Engineering knowledge:** Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research - based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- PO6: The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a Member and leader in a team, to manage projects and in multidisciplinary environments
- PO12: Life - long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

- PSO1: Products Development:** Ability to apply mathematical methodologies to solve computation task, Model real world problem using appropriate data structure and suitable algorithm.
- PSO2: Design Thinking:** Ability to use knowledge in various domains to identify research gaps and solve complex problems, using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate solutions.



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News Letter 2016 -2017 – ODD SEM

INTRODUCTION

It is an immense pleasure and proud that we are releasing the Eight Issue of our College Newsletter. This Newsletter serves as a better forum and platform for showcasing the talents and achievements of both faculty and students. It carries the recent activities, news and important updates of the college. We assure you that this newsletter will be new of its kind which reveals the growth of the institution in various fields.

ABOUT THE INSTITUTION

Manakula Vinayagar Institute of Technology (MVIT) was established in 2008, with a view to provide quality technical education to young aspirants. The institution is affiliated to Pondicherry Central University and is approved by AICTE, New Delhi.

Our College is professionally managed and guided by the members of the Board of Management with vast experience, knowledge and academic excellence, with a vision to achieve the most preferred position globally.

The high performance of our Institution is witnessed by the results produced by our students in the university exams. Our Institution has acquired enviable status for maintaining highest order of discipline.

MVIT is revitalizing itself, to face the challenging expertise with reputed team of faculty. We facilitate to produce efficient Professionals who can meet the demands of the expectations and shine in their profession through innovative ideas, knowledge and team work.

CHAIRMAN'S MESSAGE



I am extremely happy in releasing the Eight Issue of half-yearly Newsletter of MVIT, highlighting the activities of the college between June 2016 and November 2016. The laudable exercise of the students and staff of this Institution has already brought gorgeous brand name in the UT of Puducherry. I congratulate the staff and students for this achievement. I wish that everyone continue their untiring efforts not only to retain this award but to grow to further high standards. I congratulate all the editorial members for releasing this Newsletter.

VICE CHAIRMAN'S MESSAGE



I am delighted to know that the Eight Issue of Newsletter of our College carrying the campus news and the achievements of our staff and students, who earn credits for the institution, is being released. On this gracious occasion, I wish all the best to those who are responsible for bringing out this letter. On reading this text, it would definitely be an inspiration and motivation for other students and staff to perform better and add on their contributions in the forthcoming issues. Congratulations to all the contributors.

SECRETARY'S MESSAGE



It gives me immense pleasure to present few words as prologue to Eight Issue of MVIT News Letter. I congratulate all the faculty and students and the editorial board for bringing out such a beautiful Issue. Empowerment of students for their all round development through education is our appreciated motto.

Today Higher Education means much more than merely acquiring knowledge. It is acquisition of knowledge and skills, building character and improving employability of our young talent, the future leadership.

I am proud of being the Secretary of SMVE Trust dedicated to the causes of better India. Come on let's give our best and make the institution as a modern temple of learning through our diligence, devotion and dedication. Wishing you all the best...!

PRINCIPAL'S MESSAGE



MVIT has been setup to create an attraction in imparting higher education in Puducherry. The Institute is enthusiastic for discovery, development, conservation, propagation and application of knowledge in the wide range of fields with a goal to expand the scale and scope of human understanding and contribute to the betterment of the world. Imparting quality education and developing indepth domain knowledge through competent, highly qualified faculty churned from various sources along with state of art infrastructure to make its wards competent, technically strong in any scenario, dynamic and multi-talented young professionals matching the contemporary demands of the industry and thereby making them useful in the development of the country. In this context, I congratulate all the Editorial Members who are involved in bringing out the Eight Issue of this Newsletter successfully. "Vision without action is a Dream. Action without Vision is simply passing the time. Action with Vision is making a positive difference."

I am much pleased in releasing this issue of Biannual News Letter. Keeping in mind, augmentation of practical knowledge and better employability of the students, the institution shows keen interest in organizing various development programmes for faculty and students. I wish, every student passing out from our college has rich blend of knowledge and skill and occupies better position in the society.

I am fully confident that the college will march ahead and add more achievements to its name. I would like to send my best wishes to the entire stakeholders for showing commendable performance and give good account of themselves in worthwhile endeavors.

FOUNDER'S FIFTH REMEMBRANCE DAY



The Fifth Remembrance Day of our Founder Chairman Shri. N. Kesavan, was commemorated on 6th September, 2016. In this occasion, the events such as blood donation camp, Scholarship distribution to the eligible students under

Kesavan Vidhya Pariksha Yojana Scheme, Poster Presentation on health tips, Quiz Programme and Medical Awareness Programme were organized.



Blood Donation Camp was organized on our Founder Chairman Shri. N. Kesavan's Fifth Remembrance Day at MVIT Campus on 6th September 2016.

DEPARTMENT OF GENERAL ENGINEERING

The Department of Science and Humanities and General Engineering takes the lead role in setting up the foundation with engineering orientation to the budding engineers. It sets the platform for the engineering students to learn and practice analytical and innovative reasoning, professional ethics and communication skills.

Programmes Organized

The Department organized Four Days Mathematical Foundation Course for the First Year B.Tech Students from 11th to 17th August 2016.

Mr. Sharath Kurupath & Mr. Puzhazhenthil, Trainers, delivered a Motivational Speech on " School Life to College Life" on 11th & 12th August 2016.



The Inauguration function of B.Tech First Year (9th batch) was organized on 10th August 2016. The Chairman, Shri. M. Dhanasekaran graced the occasion with the welcome speech and the Chief Guest, Shri. A. Jayaprakash Gandhi motivated the students with his inspirational speech.

The Department portrayed the film on "The Life time of Mahatma Gandhi", to the First Year B.Tech Students during the World Youth Day on 13th August 2016.

A Guest lecture on "Electronics Devices and components" was conducted by Mr. Raja for the First Year B.Tech and ECE students on 21st September 2016.

About the Department

The Department of Information Technology was established in the year 2008 with the objective of imparting knowledge in cutting-edge technologies in Information Technology. The department has a team of dynamic, young and dedicated staff, with specialization in wide array of areas. The Department has well equipped laboratories with facilities that are vital to train the students in Industry Standards

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Placements Report 2016

FACULTY DEVELOPMENT PROGRAMME

**ICTACT Sponsored two days FDP on “Mobile Application Development”
handled by
Mr. Shanmugavel, from 29th June 2016 and 30th June 2016.**



ICTACT Sponsored Two days FDP on “Mobile Application Development” was conducted by IT department from 29th June 2016 and 30th June 2016. The session was handled by Mr. Shanmugavel, Trainer Manager - IT (Training and Development), ICTACT.

In this workshop learned how to build an android app. In the present generation people depend on mobile applications for most of the purposes. Some of the popular apps are messaging apps like Whatsapp, commercial apps like Flipkart etc. In this workshop we learned to make an app for coffee shop. It was a great experience for us to learn to build an android app. Android software development is the process by which new applications are created for the android operating system. Applications are usually developed in Java programming language.

The session was very informative and interactive. 32 college Staff members from in and around Puducherry and Tamilnadu and 10 staff members from our college were participated. All the attendees gave a very positive feedback on the workshop.

Three days FDP on “Programming in PHP” handled by Mr.Sankar, from 15th June to 17th June 2016.



Three days FDP on "Programming in PHP", was presented by Mr.Sankar Project Manager, Mailam Engineering College, Milam from 15th June to 17th June 2016.

The main motive of the event being to introduce open-source server-side scripting languages that exist today and how PHP tools that can significantly improve your programming workflow and also create dynamic content that interacts with databases and also build the online forum with providing hands-on training on the most popular PHP tools in use now.

About 30 Staff of CSE and IT Dept attended the workshop; the session lasted for about 12 hours, properly divided into theory and hand on practical sessions. At the end of this workshop, participants gave feedback about the session and their feedbacks were excellent. After receiving the excellent feedback, participants have left the college by 5'o clock and the session was ended successfully.

OUTCOME

Staff knows the open-source server-side of scripting language and improves the programming skills using the PHP tools.

CONTESTS

Arduino Project Contest on 26th August 2016.



Our IT department organized the Arduino project contest -2016 on 26th August 2016. About 67 batches of participants have participated from various Engineering colleges from in and around Puducherry. The students came out with good innovative ideas and presented the projects in a good manner. The projects were evaluated based on creativity, technical excellence, and the application area.

Our judges Mr.Arunmozhi, HOD/ECE and Ms.Valli, HOD/EEE has evaluated the projects of each students and given their pros and cons, and given ideas about how these projects can be further developed and implementing in various business sectors.



Our Principal Dr. S. Malarkkan addressed the valedictory. Mr. Ganamani, Manager-HR, 4th dimension Technologies Chennai, has kindly consented to be the chief guest of valedictory function. The esteemed chief guest graced us with his presence and talked about the relevance of the topic to today's world. His views & thought on the topic inspired and motivated everyone.

The best Projects from the contest gets selected and distributed the prizes for winners. Participants gave feedback about the contest and their feedbacks were excellent

OUTCOME

Recognition of students with good technical stuff, motivating and encouraging them for further development of their projects to next level of innovation.

Independence Day Celebration Contest 2016 (ICC 16)
Organized by Smart Association of Information Technology (SAIT) on 6th
August 2016.



An account of 70th Independence Day celebration, Smart Association of Information Technology (SAIT) has conducted various events on 06th August 2016 for the students in order to bring their hidden talents apart from academics.

There are various list of events are conducted to bring out the various intellectual talents of the students in Photographic skills, Drawing and making handicrafts. Around 60 Students from various departments has actively showed their talents in the Photographic, Drawing and Recycling Contest. They presented their thought provoking innovative ideas towards “**Clean India**” an initiation for SwachhBharath.

Certificates were distributed to all the participations. The event ended well with expressing the views on the well-conducted event.

OUTCOME

Identifying the various skills of the students apart from academics and recognize it.

WORKSHOP

One day Internal workshop on “Arduino Based Application Development” by K. Premkumar and Mr. P.Mathivanan on 5th August 2016.



Internal workshop on “ArduinoBased application development” handled by G. Karthick, Branch manager, Kalvi Institute, Puducherry in partnership with our faculty department members Mr. K. Premkumar and Mr. P.Mathivanan, those who volunteered to give an exposure on Arduinobased applications for the second year IT Students on 5th August 2016. The Students are eagerly participated in the workshop and learn the How to work with Arduino Kit.

There were about 30 participants II year students of IT and the sessions were highly interactive and simple to follow. At the end of this workshop, the students took the hands on training by doing simple projects using Arduino board. All the participants got benefited and gave a very positive feedback about the workshop.

OUTCOME

Students will come to know about the features and working with Arduino board. It is also very useful to turn their ideas to working models in an effective manner by using Arduino board.

Workshop on” Testing of electronic devices” conducted by Mr. Raja on 20th September 2016.



Skill development programme on” Testing of Electronic devices” conducted by Mr. Raja, Raja Electronic Institute, Cuddalore for II year IT students on 20th September 2016. He handled the session in a very effective manner by giving the real time example of testing the devices with its circuit demonstration Also the participants came to know about the how to test the Electronic Devices.

The feedback that was received was much appreciated.

OUTCOME

The students came to know about the working of various electronic devices and even to troubleshoot it, if any devices get damaged in their houses, colleges and even in work area.

**Workshop on “MS office Automation” handled by our faculty
Dr.P.Sivakumar, Mr.S.Uthayashangar and Mr.P.Mathivanan**



One month Workshop on “MS office Automation” handled by our faculty Dr.P.Sivakumar, Mr.S.Uthayashangar and Mr.P.Mathivanan, one who volunteered to give an exposure to the rural people about MS office package on 19th September to 19th October 2016. The main aim of the event being to introduce the audience about the basic knowledge of MS office.

Participants were eagerly observing the concepts, were answering the queries clearly. Overall it was an interactive, informative and interesting session to the peoples from rural area!

One Day Workshop on “MEAN Stack Development Program” handled by Mr.Khuzema on 10th September 2016



A workshop on "SIAM COMPUTING – MEAN Stack Development Program”, was presided by Mr.Khuzema –CEO &M.Murugesh – CTO, SIAM Computing, Chennai on 10th September 2016. The main aim of the event being to introduce free and open-source JavaScript software stack for building dynamic web sites and web applications that exist today and how this software can significantly improve your programming workflow with providing hands-on training on the most popular tools in use now.

Final & Third year Students of CSE and IT Dept attended the workshop and the sessions were highly interactive and simple to follow. All the attendees gave a very positive feedback on the workshop.

Outcome

Students will have an exposure of Mean Stack development in Java.

One Day Workshop on “Creating real software Professionals” handled by Mr. BhaskarKrishnamorthy on 8th October 2016



A one day workshop on "Creating real software Professionals", was handled by Mr. BhaskarKrishnamorthy- Founder & CEO &Mr.Sivaram Subramanian- Manager Business Development, Cavintek Software Pvt Ltd, Chennai.

He elaborated on the importance of improving their Programming language in various environments and emphasized on how to create the own software with availability of resources. Thus his lecture motivated the students to continue putting in their best. Another interesting aspect of the lecture was, the students were getting to know the many

Students of CSE and IT Dept attended the workshop and the sessions were highly interactive and simple to follow. All the attendees gave a very positive feedback on the workshop.

Outcome

Students will have an aware of creating new software with help available technologies.

GUEST LECTURE

**Guest Lecture On “Context Free Language and Pushdown Automata”
handled by Dr.S.Lakshmanapandian on 23rd August 2016.**



The Third Year students attended a guest lecture on “Context Free Language and Pushdown Automata” on 23rd August 2016.

About 50 students attended the guest lecture and the session lasted for about 4 hours. The lecture was presided by Dr.S.Lakshmanapandian, Associate Professor, Dept of CSE, Pondicherry Engineering College, Pondicherry. The session started with Basics of Automata like what is automation, purpose of automata and also stated the application of automata. Then his Lecture focused on Pushdown automata, Design of Automata and its Context Free Language.

Students were eagerly observing the concepts. Students were asking many queries and answered clearly. Overall it was an interactive, informative and interesting session.

OUTCOME

Students have clarity on push down automata and Context free Language used to do projects on artificial intelligence.

Guest Lecture on “Web and Graphics Design” by Mr.RajMohan on 8th July 2016.



Guest lecture on “Web and Graphics Design” by Mr. Rajmohan, central manager of dream zone, Pondicherry was delivered on 8th July 2016 for B Tech II Year ,III year students of Dept of Information Technology.

He started the session with an introduction about the graphics and web designing and its applications. He then spoke about the various job opportunities available in the field of graphics and design. Also guided the students for various courses offered by their institution such as Maya/Max.

He found the students to be interested in the field of graphics and design by the constant interactions that took place. The feedback that was received was much appreciated.

OUTCOME

Students will able to design their own most interactive web pages.

Students will had an clarity on various graphical designing tools.

Guest lecture on “Communication skill Development” by Mr. Datchanamoorthy on 9th July 2016.



Guest lecture was organized on the Communication skill Development on 9th July 2016 for our III and II year students. The Lecture was delivered by Mr. Datchanamoorthy, Master NLP Practitioner, Rumination Life Academy, and Chennai. This program aimed at improving the communication skills, personality, attitude, etc

Everybody introduced each other's and their ambitions. He was briefly explained about the Importance of Communication in the IT Industry and gave all of tips, how to develop the communication skills with some fun activities to our students and also he elucidated the importance of making a decision about our future at the third and second year undergraduate level. The rest of the days various activities regarding group discussion, interview, debates, storytelling was held.

Finally, he concluded by giving ideas to clear Aptitude test and Interview skills for placement-oriented students.

OUTCOME

Students came to know about the importance of communication for their career, tips to improve the fluency and confidence while attending interview.

Guest lecture on “Ethical Hacking” handled by Mr.Sriram on 13th July 2016.



Guest lecture was organized for “Ethical Hacking” on 13th August 2016, to our III year IT &CSE students. The Lecture was delivered by Mr. Sriram, CEO, Secure Systems, and Puducherry.

He demonstrated about hacking of websites and described about how hacking performed by a company or individual to help identify potential threats on a computer or network. Also he explained how an ethical hacker attempts to bypass system security and search for any weak points that could be exploited by malicious hackers

Finally, when the sun disappears giving way to stars, the participants became even more active. A live demo was given for all the work was done and noted down by the team. Prizes were given away for the best hackers and the session was ended successfully.

OUTCOME

Students got an idea about the various potential threats about the websites and how to toggle it.

Have an eye opening session to work with various hacking techniques, even they came to know about password management.

Guest Lecture on “Keep IT up” by Dr.SairamSundaram on 23rd July 2016.



The second year students attended a guest lecture on “keep IT up” on 23rd July 2016. The lecture was conducted by Dr.SairamSundaram, Lecturer in Chemistry Dept, Women’s Polytechnic College, Pondicherry. Starting with what happening in the IT field, several strata of the topic were presented by this gentleman. Not only did they enlighten the students on how easy it is to perform well in studies but also showed them an example of many historic legends.

He elaborated on the importance of improving their language, programming and presentation skills and emphasized on the need for regular attendance to cope with the syllabi. He concisely stated that hard work and perseverance will always give their rewards and thus motivated the students to continue putting in their best. Another interesting aspect of the lecture was, the students were getting to know the many aspects of people that each and everyone should have.

Overall it was an interactive, informative and interesting session!

OUTCOME

Used to students for ARISE, AWAKE and stay FOCUSED on their goals and move towards it with perseverance and hard work.

SEMINAR

Seminar on “Importance of Communication in Career Development” by Mr. Bennet Jay Ragland on 20th July 2016.



Mr. Bennet Jay Ragland, Regional Manager, Voice, Training and Research Institute, Madurai was delivered the Seminar on “Importance of Communication in Career Development” for B Tech III year students of IT on 20th July 2016

He was addressed the Prominence of Communication in Career Development especially for Engineering Students. He began by bringing into our notice the various opportunities like Core jobs in IT, Auditing and consulting, Analytics, Higher Studies in India and abroad, Interdisciplinary Programs, Minor Certification Courses, Bank jobs etc. He listed out the various Public and Private sector core companies which recruit undergraduate engineers.

Finally, he concluded by giving ideas to clear Aptitude test and Interview skills for placement-oriented students

OUTCOME

Students had a broad vision over their career opportunities in various sectors, to enlighten their future.

Seminar on “Awareness program on Big Data” by Ms. Priya on 21th July 2016.



The Department of IT organized guest lecture titled “Awareness program on Big Data “on 21th July 2016. The seminar was attended by under graduate students of III year IT and post-graduate students. The guest lecture was delivered by Ms. Priya, Trainer, Kalvi Training and Research Institute, Chennai. The main aim of the lecture is to address the importance of Big Data for today’s world

She gave a comprehensive overview of the fundamentals of Big Data and need for Predictive Analytics. Her presentation included many real-time examples and unearthed all the possible avenues for undertaking research in this sphere. Also gave a demonstration on the software tools for processing big data using case-studies from Healthcare and E-Commerce.

All the attendees gave a very positive feedback on the seminar and encouraged us to organize hands-on sessions in the future.

OUTCOME

Students came to have knowledge on various applications and challenging threats in Big data. Will be useful to do their final year projects in latest trends.

Skill development programme on” Laser printer trouble shooting and Refilling” conducted by Mr. Raja on 22nd September 2016.



Skill development programme on” Laser printer trouble shooting and refilling” conducted by Mr. Raja, Raja Electronic Institute, Cuddalore for all department lab Technicians on 22nd September 2016. He handled the session in a very effective manner by giving the real time experience of working of laser printer and its characteristics. Also the participants came to know about the trouble shooting and refilling of printers.

The feedback that was received was much appreciated.

OUTCOME

Participants came to know how to troubleshoot and refill printers in our college in an effective manner.

SPECIAL LECTURE

**Special Lecture on “Search Engine optimization” on the 08th July, 2016
by Mr. M.Suresh.**



Special lecture organized on “Search Engine optimization” by Mr.M.Suresh. B Tech III year students of IT have attended this program, dated on 8th July 2016.

He addressed the formulating search queries wisely by using search operators and also teaches about the query modifiers. Finally he addressed with filtering of searching results based on category and also about advance searching options and how to use advance search options.

At end of the session, their doubts were clarified.

**Special Lecture on “Computer Forensics” on the 15th July, 2016
by Mrs. J.Prabavadhi.**



Special lecture on “Computer forensics” by Mrs. J.PrabavadhiDept of Information Technology was delivered the lecture for B Tech III year students of IT, dated on 15th July 2016.

She addressed the forensics important and various processes involved in the computer forensics and also inform about various certificates given for computer forensics. Finally she addressed the disadvantages and advantages of the computer forensics and also informs what are all the lab and centers available in India.

Special Lecture on “Hololens” on the 14th July, 2016 by Ms.A.Punitha.



A Special Lecture was organized on 14th July; this Program was presided over by Ms. A.Punitha, delivered a technical talk on “Hololens. Around 50 students of II year IT students attended this program

She delivered the basics concepts and various parts of hololens. Handled the Diference between hololens and Google glass and how the users interact with the hololens and Google Glass. Students are understood the advantages and disadvantages of Hololens.

At the end of the session she discussed about various applications involved in Hololens.

**Special Lecture on “Speed of Technology” on the 21st July, 2016
by Mr.K. Premkumar.**



Special lecture on “Speed of Technology” by Mr. K.Premkumar Dept of Information Technology was delivered for B Tech II year students of IT. He delivered the speed of technology transfer from ancient time to modern world and also discussed about latest trends like IBM’s Watson, IOT, Honda’s, Asimo. Finally conclude with students need knowledge on the logics behind these technologies and shared about the usage of arduino and Raspberry Pi kits.

STUDENTS IN PLANT TRAINING

In-plant Training programme undergone at Nextgen IT Solutions, Puducherry from 14th august to 21st August 2016.



The team of third year IT students attended an In-Plant Training at NextGen IT Solutions, Puducherry on 14th, 15th, 16th, 20th and 21st August 2016. The training handled by Mr. Shanmugham, trainee, NextGen IT Solutions. The objective was to develop an asset management database application using Hadoop Tool for internal asset management of NextGen IT Solutions.

On the first day, he gave a talk on comprehensive overview of the fundamentals of Big Data and need for Predictive Analytics. Her presentation included many real-time examples and unearthed all the possible avenues for undertaking research in this sphere. On the Second day, he explained existing research issues and challenges in the field of Predictive analytics and concluded with the possibility of extending research to various other domains currently being worked on. On the third day, who spoke about MySQL database. He also gave an overview on hadoop and hive which made the session interesting. On the fourth day, he explained configuration files and how they work. On the last day, Mr. Shanmugham organized the hands-on session on hadoop.

Outcome

Students are able to understand the concepts of Bigdata basics and gain the practical knowledge in Hadoop.

CO-CURRICULAR ACTIVITY
PRIZE WINNER IN ARDUINO PROJECT CONTEST



Our Department III year students, Indhira Priyadarshini and Mithra got the consolation prize in Arduino Project Contest 2016 on the topic "Food Detector" organized by our Department on 26th August 2016.



Our Department II year students, Jayaraj.R have participated and got the consilium prize in Arduino Project Contest 2016 on the topic “Smart Home” organized by IT Deptat MIT, Puducherry on 26th August 2016.



Our Department III year students, Rajeshkumar, Umashangar and Thineshkumar have participated in Arduino Project Contest 2016, on the topic “Alaram using PIR Sensor” ” organized by ECE Dept at MIT, Puducherry on 20th September 2016.



The Department organized “Arduino Project Contest -2016” on 26th August 2016. Mr. Ganamani, Manager-HR, Fourth Dimension Technologies. was the Chief Guest and distributed the prizes to the winners.



The Department organized an ICTACT Sponsored Two Days Faculty Development Programme on “Mobile Application Development” on 29th & 30th June 2016. Totally 32 faculty members from in and around of Puducherry and Tamilnadu Engineering Colleges had participated.

ALUMNI MEET



On 27th August 2016, Our alumni, Mr.Aurobind interacted with our third year budding engineers about the various points of view on their career, preparation for placements, leadership skills, and the expectation of the corporate from the fresher.

Our students also interacted with him actively and cleared their doubts and got their extended ideas about their career. And also they interacted about the importance of their academic projects and how they must prepare for it, to turn their ideas into working model.



On 27th August 2016, our alumni, Ms.Dhanasuriya interacted with our final year students and discussed about doing academic projects in an effective manner and steps for career developments.

Online Certification

Our Department IV year IT Students of A.Aruna, R.Thenmozhi, N.Sangeetha, M.Monica, V.Dharanidharan, S.Iyyappan, K.Vadivelan, T.Vetrivendan has successfully completed an online certification exam on Oracle Certified Professional Java SE6 Programmer, recognized by oracle corporation as an oracle certified professional, dated on July 2016.

Extra Curricular Activity

Our Department of II year students, T.Sakthivel, PuppalaSai Ram have participated and won the 1st prize in event of “Recycling “on the celebration of “70th Independence Celebration Contest - 2016” organized by Dept of IT in association with SAIT on 6th August 2016.

Our Department of II year students, PuppalaSai Ram have participated and won the 1st prize in event of “Photography“on the celebration of “70th Independence Celebration Contest -2016” organized by Dept of IT in association with SAIT on 6th August 2016.

Our Department of II year students, Sofia Caroline.S have participated and won the 3rd prize in event of “Photography“on the celebration of “70th Independence Celebration Contest -2016” organized by Dept of IT in association with SAIT on 6th August 2016.

Our Department 6 students of III year and 5 students of II year have participated, out of which 2 students of II year have cleared the first round in “ICTACT Presentation 2016” organized by ICTACT Puducherry held at Achariya College of Engineering & Technology on 8th August2016.

Our Department 2 students of II year and have participated in second round of “ICTACT Presentation 2016” organized by ICTACT Puducherry held at Achariya College of Engineering & Technology on 9th August2016.

Our Department, III year, 7 students have participated in Cultural Meet on Various Events, organized by Cultural Club on 20th August 2016.

Our Department, 4students of II year and 11 students of III year have participated in Hello Big FM Cultural Events, Conducted by Hello Big FM on 24th September 2016.

FACULTY CORNER

Online Certification

Mrs. J.PRABAVADHI, AP/IT successfully completed and received a passing grade in HTML5.0x: HTML5 Introduction a course of study offered by W3Cx, an online learning initiative of World Wide Web Consortium through EDX, issued on 1st June 2016.

Mr. A.PUNITHA, AP/IT successfully completed and received a passing grade in HTML5.0x: HTML5 Introduction a course of study offered by W3Cx, an online learning initiative of World Wide Web Consortium through edX, issued on 1st June 2016.

Faculty Development Programme

Dr.P.Sivakumar ,have participated in Faculty Development Programme on “Data Center Virtualization Fundamentals” organized by ICTCAT Academy at Sona College of Technology, Salem from 30th May to 1st June 2016.

Mr. A.Punitha and Mrs. J.Prabavadhi,have participated 2 Days Faculty Development Programme on “Programming in C#” organized by ICTCAT Academy at Panimalar Institute of Technology, Chennai from 2nd June 2016 to 3rd June 2016.

Faculty of IT and CSE Department have attended the 3 days FDP on “ Programming in PHP” by Mr.Sankar and , Mailam Engineering College, organized by IT Department at MIT, Puducherry from 15th June to 17th June 2016.

Dr.P.Sivakumar, have participated in Faculty Development Programme on “Cloud Infrastructure and service” organized by ICTCAT Academy at SMVEC,Puducherry from 8.11.2016 to 12.11.2016.

Guest Lecture

Faculty of IT Dept have attended the one day guest lecture on “ how to prepare proposals and apply for Funding” by Dr.S.Parthasarathy, Professor & Head, Dept of EEE, EEE, Chief Co-ordinator/ Industry Institute Partnership cell(IIPC), KLN Engineering College, Madurai, which is organized by R&D Cell at MIT, Puducherry on 3rd June 2016.

Workshop

Mrs.S.Chitra has participated in 3 days workshop on programming in PHP in Manakulavinayagar Institute of Technology from 15th June 2016 to 17th June 2016.

Ms.S.Lakshmi has participated in 3 days workshop on programming in PHP in Manakulavinayagar Institute of Technology from 15th June 2016 to 17th June 2016.

Ms.R.Heera has participated in 3 days workshop on programming in PHP in Manakulavinayagar Institute of Technology from 15th June 2016 to 17th June 2016.

Ms.R.Dhamayanthi has participated in 3 days workshop on programming in PHP in Manakulavinayagar Institute of Technology from 15th June 2016 to 17th June 2016.

Faculty of IT Dept have attended the one day workshop on “Accreditation- Norms and standard, Implementation in Technical education” by Dr.N.Alagumurthy, Professor, Pondicherry Engineering College, conducted at MIT, Puducherry on 4th June 2016.

Dr.P.Sivakumar, Mr. Mathivanan, Mr.M.Suresh have attended the 2 days workshop on “Mobile Application development”, presented by Shanmughavel.S, Manager, Training and Development, ICT Academy of Tamil Nadu at MIT, Puducherry from 29th June to 30th June 2016.

Mr.P.Mathivanan, Mr.M.Suresh and Mr.K.Vijayakumar attended the One Day workshop on “Ethical Hacking” organized by Microsoft Research Community Group, Chennai on 31th July 2016.

EDITORIAL BOARD

Editors:

1. Mr.K.PremKumar, AP/IT
2. Ms.A.Punitha, AP/IT

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II Year IT

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DEPARTMENT OF INFORMATION TECHNOLOGY



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