



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthal kuppam, Puducherry – 605 107

DEPARTMENT OF INFORMATION TECHNOLOGY



NEWS LETTER

2016 - 2017

EVEN SEMESTER

Bi - Annual Issue

Volume 02

Dec 2016 - May 2017

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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DEPARTMENT OF INFORMATION TECHNOLOGY

News Letter 2016 -2017 – EVEN 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 Ninth 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 64th BIRTH ANNIVERSARY CELEBRATION



Our Management, Principal, Faculty and Students Celebrated our Founder Chairman Thaivathiru. N. Kesavan's 64th Birth Anniversary on 21st January, 2017. Blood Donation Camp, Quiz Competition, Poster Presentation, Essay Writing, Elocution Competition,

E- Literacy Programme were organized by the Faculty to the nearby school students. Distribution of Foods to the Senior Citizen Homage in Pondicherry, Sapling of Tree Plantation were also organized.



Blood Donation Camp during 64th Birth Anniversary Celebration of our Founder Chairman Shri.N.Kesavan at MVIT on 21st January, 2017.

DEPARTMENT OF GENERAL ENGINEERING

Programmes Organized

Celebration of National Science Day – SCMIT'17
Manakula Vinayagar Institute of Technology celebrated the National Science Day -SCMIT 2017 in a exquisite manner in the month of February 2017. Shri. M. Dhanasekaran, Chairman and Managing Director, Sri Manakula Vinayagar Educational Trust, Shri. S.V. Sugumaran, M.L.A of Mangalam Constituency cum Vice Chairman of Sri Manakula Vinayagar Educational Trust & Dr.V.S.K. Venkatachalapathy Director cum Principal, Sri Manakula Vinayagar Engineering College, presided over the Programme. Dr. S.Malarkkan, Principal, Manakula Vinayagar Institute of Technology, welcomed the gathering & the Chief Guests Mr.Jude Xavior, Senior Head –Techno soft Global & Mr. S. Vinayaga Babu, CEO, 4- Semi Conductor, Bangalore, gave briefed lecture on the topic "Presenet Scenario of the Engineers and the Placement suggestions for the Budding Engineers". The total of 206 projects were displayed from various engineering colleges from all over Tamilnadu & Puducherry. The winners were awarded with Cash Prize of Rs.12500, Rs.7500 & Rs. 5000 respectively.



Shri M. Dhanasekaran, Chairman and Managing Director, Sri Manakula Vinayagar Educational Trust, felicitating the Chief Guest Mr. Jude Xavior, Senior Head, Techno Soft Global, during the inauguration of "SCMIT'17" – A National Science Day Celebration.

Educate

Empower

Excel

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

LIST OF CONTENTS – 2016-17 (EVEN)

• Department Activities

Workshop

- Online Webinar on Smart India Hackathon 2017
- Cashless Transactions and Security Issues in Net Banking
- ICTACT- Big Data Analytics & Cloud Computing
- UML Diagram
- Open Source Simulator – NS2
- Android App Development

Value Added Courses

- Core Java for Second Year- Ocean Academy, Puducherry
- Advance Java for Third Year – Chakkrika Info solutions, Puducherry

National Level Technical Symposium

- MITILENCE 2017

National Conference

- SCAN 17

International Conference

- ICEAT 2017

IT- Association -SAIT –Extra’17

• Faculty Corner

- Publications in National/International Journals
- Publications in National/International Conferences
- Participation in Workshop/Seminar/Contest 2017
- International certification course obtained
- Courses Attended

• **Students Corner**

Industrial Visit - Dell Company Pvt. Ltd

Project Contest - Smart India Hackathon 2017

Co-Curricular Activity

- Paper Presentation
- Web Designing Contest
- Science QUIZ Contest
- Project Expo
- Visited IIS, Bangalore for Funding Project
- Competition/Contest Registered

Workshop attended

International certification course obtained

Extra Curricular Activity

- Inter college Cricket Tournament
- Weightlifting
- Inter college Chess Tournament
- Women's Day Celebration
- Intercollegiate Technical cum Cultural Festival

Placements 2017

WORKSHOP

One Day Online Webinar on “Smart India Hackathon 2017” on 4th January 2017.



One Day online Webinar broadcast of talk “Open Forum session for Smart India Hackathon 2017”, presented by Mr. Gireendra Kasmalkar for III & IV year IT students with total of 10 members on 4th January 2017 at 11.00 AM.

A Hackathon is a digital programming competition during which students teams complete to offer innovative solutions for solving any given problem statement. The problem statements should focus on stopping pilferage/leakages in the system and improving efficiency in utilization of our resources (time, money and manpower).

Webinar Video message by Mr. Gireendra Kasmalkar, which highlighted the philosophy behind the problem statement.

Outcome:The session gave us idea to come up with various solutions.

**One Day workshop on “Cashless Transactions and Security Issues in Net Banking”
handled by Ms.Jayabharathi on 20th January 2017.**



Our department organised a one day workshop on “Cashless Transactions and Security Issues in Net Banking” on 21/01/2017, handled by Mr. Sundarajan, Chief Manager with Mr. Vadivelan, Deputy Manager, and Ms. Jayabharathy, Assistant manager, SBI, Puducherry. The session was very interactive and many issues are addressed by them effectively. They spread the awareness about cashless transactions and the use of various mobile applications for ease of use.

About 50 Staff members of Various Dept attended the workshop; the session lasted for about 2 hours. The Event arranged to introduce the IndPay mobile App & its benefits and how to tackle the Security issues in Banking Sector.

The session was ended successfully with informative and interactive manner.

Outcome: Staff members got the awareness on security in banking sector.

**Five Days training Program on ICTACT- Big Data analytics, handled by Mr. Hari Prasath
on 27th January to 1st February 2017**



IT department 15 students of IV year have participated in Five Days Training Program on Big Data, handled by Mr. Hari Prasath, Trainer, ICTACT Academy, Chennai on 27th January to 1st February 2017.

The sessions were highly interactive and simple to follow. All the attendees gave a very positive feedback on the workshop.

Outcome: Enabling students to understand the Big Data analytics concepts.

**Five Days Training Program on Cloud Computing, handled by Mr. Karthi on 27th
January to 1st February 2017**



IT department 22 students of IV year have participated in Five Days Training Program on Cloud Computing, handled by Mr. Karthi, Trainer, ICTACT Academy, Chennai on 27th January to 1st February 2017.

The talk began with a brief introduction to Cloud and Resiliency in Cloud applications. Then the speaker detailed on Resiliency at the VM level and the Infrastructure level. Speaking on Application level resiliency, he detailed on the Cloud born applications, Enterprise level applications, Web-centric cloud and Enterprise data centre. The concept of high-availability clusters and their contribution to handling resiliency was discussed. Finally the process of Disaster Recovery (DR) was presented and the issues and possibility of handling the same was suggested in terms of Traditional DR and Cloud-based DR methods. Since disaster recovery was very difficult to handle in real time scenarios, the talk concluded with a note on Disaster Avoidance. The students had a one-one interaction with Mr. Karthi and it was indeed an enlightening talk.

Outcome: Enabling students to understand the Cloud Computing concepts.

One Day Workshop on “UML Diagram” by Mr.Purushothaman on 24th February 2017.



One day workshop conducted on “UML Diagram”, presented by Mr.Purushothaman, Asst. Professor, Pallava Raja College of Engineering, Chennai, at MVIT, Puducherry on 24th February 2017.

About 200 students of CSE & IT III year students have attended the guest Lecture and the session lasted for about 5 hours. Session Started with role of UML diagram in Projects and also stated the various representations of UML Diagrams. Later-on his Lecture focused on detailed study on UML Diagrams.

Also gave a demonstration of various Case studies Representation on the Rational Rose software. Overall Sessions were highly interactive and simple to follow.

All the attendees gave a very positive feedback on the workshop.

Outcome: Students had an idea about how to present the Project Architecture using UML Diagrams

**One day workshop on Open Source Simulator – NS2, Handled by Ms. Anjali, SAT Infosys,
Coimbatore on 27th-28th February 2017**



One day Workshop Open Source Simulator – NS2 has been handled by Ms. Anjali, SAT Infosys, Coimbatore at MIT, Puducherry on 27th-28th February 2017.

About 51 students of III Year IT have attended the workshop. The session was spitted in two sections, forenoon session and afternoon sessions. The forenoon session was the theoretical session and the practical workouts had been carried out in afternoon session. The topics covered are starting from Introduction about the simulator to the research areas and the implementation facts.

The practical session was started with NS2 installation procedure. After installation of NS2 explanation about the wired networks and configuration had been explained. Students were eagerly observing the concepts. Students were asking many queries and we have answered clearly.

Outcome: Students learnt the NS2 tools Commands to work with.

**One Day Android Application Development, Organized by SHAM Computing on 4th
March 2017.**



One day Workshop on “Mobile Application Development” was conducted by IT department on 4th March 2017. The session was handled by Mr. Mr. Mohan, Trainer, Shyam Info Tech.

The workshop was aimed to ignite students to take up mobile application development using Android environment. About 97 students of II and III years IT participated in this workshop. The workshop is started with elaborating the basic concepts of Android Forum. After that explained about how to develop simple android applications. From this they are very well trained with how to use android software for application development and writing code for the application.

Students felt that this workshop on android mobile app development was very much useful for them and they got the basic idea for developing mobile application. It is planned to extend this workshop in the next semester with some medium level of application development.

The workshop was very well received by the participants. All the attendees gave a very positive feedback on the workshop.

Outcome: Students are very well trained with how to use android software for application development and writing code for the application.

VALUE ADDED COURSES

Value added Course on “Core Java” from 23rd December to 5th January 2017 by Ocean Academy, Puducherry



Value Added Course Conducted on “Core Java “for II year IT students handled by Brindha, Trainee, Ocean Academy, Pondicherry from 23th December 2016 to 5th January 2017.

This course was designed for B. Tech, II year IT students with an objective to make them aware with Core Java programming aspects and also introduce with Advanced concepts in Java programming. The curriculum is divided into many modules and is designed to be covered over a 10-day period. The course also was designed to ensure students get sufficient hands-on practice to master the language.

Outcome:Enabling students to understand basic java programming concepts and make them to develop applications in Java.

Value added Course on “Advanced Java” from 6th to 19th January 2017.

Value Added Course Conducted on “Advanced Java “for III year IT students handled by Mr.Anandha Krishnan, Trainee, Chakrika Software Solutions, Pondicherry from 6th January to 19th January 2017.

This course provides advanced training in developing software using the Java 2 Platform, Standard Edition, or J2SE. It is intended for students with solid experience in structured and object-oriented Java programming, including use of the Collections API and exception handling. The course software also includes an optional overlay of workspace and project files to support use of the Eclipse IDE in the classroom.

In this course learned about several general-purpose topics using Java-5.0 generics, such as multi-threaded applications, the Reflection API, network programming using sockets. Then the course thought the challenge of building multi-tier applications using the standard Java platform and studied a comprehensive case study that illustrates multi-tier architecture, design patterns, and best practices, and also provides a few challenge labs.

Outcome: Students will complete the course prepared to build distributed Java applications and to pursue JFC, RMI, or JDBC in greater depth.

Inauguration function of center of excellence-EMC2 on the topic Big Data Analytics on 17th February 2017.

NATIONAL LEVEL TECHNICAL SYMPOSIUM



A National Level Technical Festival held on 10th - 11th February 2017

The festival was started with a pleasant inauguration function on 10th February 2017 by 9.30AM at MIT auditorium, Welcome address was delivered by our beloved Principal Dr.S.Malarkkan, followed by a Presidential Address given by our honorable and a man of simplicity, Mr. M.Dhanasekaran, who is a backbone and supported us in all aspects for the success of the festival in a grand manner. The symposium CD was released by Mr. Vinodkumar Gopinath, Director –Technology, Novatium Solutions Pvt. Ltd, Chennai in the presence of our respectable Vice Chairman Mr. S.V. Sugumaran and our glorious Secretary Mr. K.Narayanasamy. Inaugural address was delivered by our chief guest Mr.Vinodkumar Gopinath. Vote of thanks was delivered by Dr.R.Valli,HOD/EEE.

Day 1 of MITILENCE was conducted by the Department of ECE and EEE. Tremendous amount of students participated in all the events and enjoyed the events with great fun. The events conducted were Paper presentation, Robo Race, Maze solving Robot, Circuit debugging, Circuit design contest, Tech Talk, debugging in C, Poster Presentation, Connexions, Hobby Projects. The participants enjoyed all the events and had a great fun.

Day 2 of MITILENCE was conducted by the Department of IT, CSE and Mech. Enormous amount of students participated in all the events. The events conducted on day 2 are Paper Presentation, C-Collosum, Code your Java, Soft poster, Crypt Ur mind, Innovator, Market a product, Web development, Android project contest, Connexions. All the participants enjoyed the events and had great fun.

On the end of day 2 the valedictory Function took place at 4.15 pm at MIT Auditorium, Welcome Address was delivered by our beloved Principal Dr.S.Malarkkan,

The Symposium Report was given by Dr.R.Radjaram,HOD/Mech and the introduction to chief guest was delivered by Dr.K.B.Jayarraman,HOD/CSE.The valedictory address was delivered by our beloved chief guest Smt.B.R.Preethi, General Manager-HR, TVS Logistics Services Ltd, Chennai. After all these we also distributed the certificates to all the winners of each event. We

also received the feedback from all the participants. Finally Vote of thanks was delivered by Dr.P.Sivakumar,HOD/IT.



The Inaugural address by Mr. Vinodkumar Gopinath, Director –Technology, Novatium Solutions Pvt. Ltd, Chennai



Valedictory address was delivered by our beloved chief guest Smt.B.R.Preethi, General Manager-HR, TVS Logistics Services Ltd, Chennai

NATIONAL LEVEL CONFERENCE –SCAN-2017

National conference on Systems, Computations, Automations and Networking (SCAN '17)
In association with ICTACT and CSI Chapter, Pondicherry on 10th March 2017



SCAN 17 is an inter disciplinary national conference with scope to provide a platform for researchers, Academicians, Engineers and Students to share their innovative ideas on emerging fields in Engineering and Technology

The conference comprised paper presentation and project contest of wireless & mobile computing, cloud & Green computing, Software Engineering, Multimedia System, Internet of Things data, Data mining and warehousing. About 60 participants have registered and participated in the conference. Various Engineering colleges

The judges for the contest are Dr. V. Geetha, Associate Professor, Dept of IT, Pondicherry Engineering College, Puducherry.

The best papers selected in the conference published on ICACT Journal on communication Technology, ICACT Journal on soft Computing and ICACT Journal on Image & Video Processing.

**International Conference on Advances in Emerging Technology in association with
International Journal of Emerging Technology in computer science and Electronics
(IJETCSE) India on 1st April 2017.**



International Conference ICAET 2017 is to provide a concrete platform which will encourage scholars, researchers & Industry Professionals to carry and accomplish their research targets.

Welcome address was delivered by our beloved Principal Dr.S.Malarkkan, followed by a Presidential Address given by Our Chief Guest Shri.K.Sathish Kumar, Founder & CEO, Hinelix Technologies, Dubai, followed by Dr. B.R. Prakash, Professor, Dept of MCA, Sri Siddhartha Institute of Technology, Tumkur. Dr.P.Sivakumar Professor & Head, Dept of IT is co-convenor of the entire programme.

About 100 batches have registered and out of which 21 batches presented the Conference Paper from Various Engineering colleges.

Conference Papers were evaluated based on creativity, technical excellence and applicability.



Candidates received the certificates from the chief guest. The best papers selected in the conference will be published in International Journal on Emerging Technology in Computer Science and Electronics.

FACULTY CORNER

Faculty Publications in National/International Journals

Ms. A.Punitha published a paper on “Preserving Data from Leakage by Using Data Detection and Prevention Methods” in IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 4 Issue 2, February 2017, ISSN (Online) 2348 – 7968.

Dr.P.Sivakumar published a paper on “Remote Computer Control System using Android Mobile Device” in the International Journal of Emerging Technology in Computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Mr.K.Vijayakumar published a paper on “FIDDOOP- Data Partitioning: Information Separation in common itemized Scoping on HADOOP Clusters” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Mr. K.Premkumar published a paper on “Design and Implementation of Energy efficient system for smart campus using IOT with Cloud storage” in the International Journal of Emerging Technology in Computer Science And Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Mr.S.Uthayashangar presented a paper on “A Reinforced revocable IBF in cloud data Sharing with Novel Collusion Resistant Technique” in the 2nd international conferences on engineering innovations and solutions (2ndJCEJS-2017) on 7th April 2017.

Dr.P.Sivakumar published a paper on “Proficient Multi Keyword search in cloud for Multi user environment” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Mr.K.Vijayakumar published a paper on “Distributed processing in data stream using execution designing and prediction organizing” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Ms.J.Prabavadhi published a paper on “Cyber harassment exposure based on Semantic Enhance diminish filtering auto Encoder” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Mr.M.Suresh published a paper on “Dynamic Job ordering and Task mapping for Map reduce workloads using Greedy Algorithm” in the International Journal of Emerging Technology in Computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Faculty Publications in National/International Conference

Ms.A.Punithahas participated and presented a paper titled “Implication hit on browsing history of twitter users using back propagation with public click analytics and twitter metadata” in the 3rd National Conference on Recent Trends in Information Technology, held at Adhiparasakthi Engineering College, Melmaruvathur on 23rd March 2017.

Faculty Participation in Workshop/Seminar/Contest 2017

Mr.M.Suresh has attended the Workshop on “Photoshop”, organized by Mr.P.Palanival. Asso.Professor, CSE Department at MVIT, Pondicherry from 15th to 12th December 2016.

Ms. A.Punitha, has Participated in one day FDP on “Advanced Teaching Conclave” at SSN Collge of Engineering, Kalavakkam, Chennai on 7th January 2017.

Mr. K.Premkumar, has uploaded Video presentation on the title “Pointers in C” in DIGIGURU National Teaching Video Contest 2017 organized by ICT Academy, on 31st January 2017.

Ms. A.Punitha, has uploaded Video presentation on the title “Finite Automata” in DIGIGURU National Teaching Video Contest 2017 organized by ICT Academy, on 31st January 2017.

Mr.K.vijayakumar has attended the Workshop on “Installation on HADOOP” in windows at SMVEC, Puducherry from 27th March to 28th March 2017

Details of IT Faculty International certification course obtained in the year 2016-17

S.No	Staff Name	Certification Name	Remarks
1.	Dr. P. Siva Kumar	VM Ware, VITA- Data Centre Virtualization Fundamentals.	Certificate Received
2.	Dr. P. Siva Kumar	EMC2- Cloud Infrastructure and Services / EMC Academic Associate	Certificate Received
3.	Mrs. J.Prabavadhi	EDX - HTML5.0x: HTML5 Introduction	Certificate Received
4.	Mrs. J.Prabavadhi	NPTEL - Operating System	Certificate Received
5.	Ms.A.Punitha	EDX - HTML5.0x: HTML5 Introduction	Certificate Received
6.	Ms.A.Punitha	NPTEL - Operating System	Certificate Received
7.	Ms.A.Punitha	EDX- Software Engineering	Certificate Received

Bridge 2017



Dr.P.Sivakumar, HOD/IT has attended the 25th Edition of Bridge Conference, largest Industry Institute Interaction Event of India for Academicians, Industry Experts and Policy Makers, Organized by ICT Academy, Chennai at ITC Grand Chola on 1st March 2017.

STUDENTS CORNER

INDUSTRIAL VISIT

Second Year IT - Industrial Visit to Dell Company Pvt. Ltd. Chennai on 4th February 2017



The recent Industrial Visit to ‘Dell Company Pvt.Ltd.’located at OMR Kandachavady, Chennai,’ by 2nd year B.Tech, IT students, on 4th February, 2017, who were accompanied by two of the faculties of the department, Mr.K.Vijayakumar and Ms.Thebina.

The visit was organized with the prior permission and guidance of Hon. Principal Dr. MALARKANN and HOD of IT Department Dr. SIVAKUMAR . Along with the staff members, students of B.Tech IT specially Sowmiya.S, Sakthivel.T, Shantanu Bhowmick.H, Nirmala have taken hard efforts and initiative under the continuous guidance of Class in- charge Mr.M.Suresh, Mr. Vijaykumar, Mrs.Thebinaa which made this visit a grand success. Total 44 students of class B.Tech IT along with two faculty members have joined this industrial visit.



DELLIndustrial Visit coordinators welcomed us and the session started at 10.30 am and ended at 12.30 pm. In First session, DELL officials gave introduction to the students about the company & its services of current ongoing projects in DELL. Mr.Arun Prasad&Mr.Vigneshwaran, Trainer, DELL, they explained various advanced components of CPU such as Intel i7 Quad Core processor, sever room and also given clear idea about the manufacture and assembler of the computer.Then we had interactive session and students cleared their doubts by asking various questions to them. After this session, we were provided with lunch.



Following this session, we were enlightened about the primary focus of DELL such as in India how they do the assembling operations, the way manufacturing parts are exported from different countries.

Before drawing the IV to a close, students have given their feedbacks about the Industrial Visit and their overall experience at 'DELL'. After that, we thanked the associates who guided us and bid farewell. As the IV brought out the small bits of potential in us, this is exactly the kind of IV we, as students, are looking forward to. We hope to visit the organization again.

Outcome: Students learnt the practical knowledge of assemble of Hardware parts in DELL.

HACKATHON 2017



Project Contest - Smart India Hackathon 2017

- Our Department IV year IT student of V.Dharanidharan, M.Tamizhamala and II year IT Student of S.Sowmiya, V.Pritheebha, S.Rajeswari, B.Lavanya has registered in Project Contest - Smart India Hackathon 2017 in the title “Information for the First Mile or acceptance point” by Department of Posts, Ministry of Communications on 19th January 2017. They **got selected for Final Round**, which is announced on 6th March 2017 and Event going to be held on 1st-2nd April 2017. This team was guided by Mr.K.Vijiyakumar .

CO-CURRICULAR ACTIVITY

Paper Presentation Entitled on “Data Analytics and Security” on 3rd February 2017



Our Department III year IT students, B.Bhuvanalakshmi and G.Durga Devi have participated and **won the Second prize, cash award of Rs.750** in Paper Presentation Entitled on “Data Analytics and Security” on K Talenta 2K-17, A national Level Technical Symposium Conducted at Krishnasamy college of Engineering & Technology, Cuddalore on 3rd February 2017

Congratulations to the students and their mentor for the Achievements.

**Web Designing Event Participation at Krishnasamy college of Engineering & Technology
on 3rd February 2017**



Our Department III year IT students, G.Pavithra have participated and won the First prize, **cash award of Rs.200** in Technical Event of “Web Designing” on K Talenta 2K-17, A national Level Technical Symposium Conducted at Krishnasamy college of Engineering & Technology, Cuddalore on 3rd February 2017.

Congratulations to the students and their mentor for the Achievements.

**Web Designing Event Participation at Krishnasamy college of Engineering & Technology
on 3rd February 2017**



Our Department III year IT students, G.Durga Devi have participated and won the **Second prize, cash award of Rs.150** in Technical Event of “Web Designing” on K Talenta 2K-17, A national Level Technical Symposium Conducted at Krishnasamy college of Engineering & Technology, Cuddalore on 3rd February 2017.

Congratulations to the students and their mentor for the Achievements.

SMVEC Rolling Trophy 2017 Contest at SMVEC on 10th February 2017.



Our Department II year IT student, S.Rajeswari, S.Sowmiya and H.Shantanu Bhowmick have participated and Won **Third Prize** in SMVEC Rolling Trophy 2017 Contest of the event “Science Quiz” at Sri Manakula Vinayagar Engineering College, Puducherry on 10th February 2017.

Our Principal Dr. S. Malarkkan, Head’s of the department, appreciated and motivated by presenting certificate to the student.

In-house Project Implementation on “SMART HOMES” on 4.2.2017



It is with great pride and joy that I offer my heartiest congratulations to Mr. V. Ashwin Raaju, Mr. G. Anbarasan, Mr. G. Selvam of II yr/IV sem IT Students for their project on “SMART HOMES” and it has been implemented in IT department. I firmly believe that this project is the outcome of their hard work, dedication and sincerity. They have to still move forward to undertake the challenge and discover the next generation technologies, which will take our college to new heights.

Visited IISc, Bangalore for registration for Funding Project on Smart Home Automation Device



Our Department II year IT student, Aswinraaju.V, Prasanna .R, Selvam.G, Mappillai Meeran.J Anbarasan.G has visited the IISc, Bangalore for the device that have been developed by own on the title “SMART HOME AUTOMATION DEVICE” that controls the electrical appliances through the Android Application.

Students have met MS. Manali, Personal Assistant of the Director, who was guided to register the project information on their website.After registration, students have discussed with their panel members about the project regarding the presentation, live demo and government funding project of 1.5 lacks.



Outcome: Once the project is ready, it can be verified by Panel Members and Government offers 75% of fund with the support of 25% fund in Institution.

Participation: Competition/Contest/Online Course & Certification

Anna University Project contest –Innovators 2017

- Our Department II year IT Students T.Sakthivel, Shantanu Bhowmick.H has registered in Anna University Project contest - Innovators 17 on the title “GSM Based Street Light with Fault Detection” at Anna University, Chennai on 12th January 2017.
- Our Department II year IT Students Aswinraju.V, Prasanna .R has registered in Anna University Project contest - Innovators 17 on the title “Smart Agriculture” at Anna University, Chennai on 12th January 2017.
- Our Department II year IT Students Selvam.G, Mappillai Meeran.J has registered in Anna University Project contest - Innovators 17 on the title “Smart Meter” at Anna University, Chennai on 12th January 2017

- Our Department II year IT Students Anbarasan.G, Vasanthraj.V has registered in Anna University Project contest - Innovators 17 on the title “Smart Garbage system” at Anna University, Chennai on 12th January 2017.
- Our Department IV year Students Aruna.R has Participated in PPT Online uploading on the title “Indian Heritage” and “Smart City” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.

DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT

- Our Department IV year Students Shabana Yasmin has Participated in PPT Online uploading on the title “Demonetization of Indian Currency” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students Bhavani. G, Suwathy.S has participated in PPT Online uploading on the title “India 2020” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students of Thamizhamala.M, III year Students of Bhuvanalakshmi.B & II year Students of Kalaiyarasi has participated in PPT Online uploading on the title “Indian Culture” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students of DivyaBharathi.S, Vinitha., V Sangeetha.B , III year Students of Pavithra.G Vigneshwari.S Durga Devi.G & II year Students of Shivani.C has Participated in PPT Online uploading on the title “Indian Agriculture” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students Keerthiga.K , Hemalatha.B has Participated in PPT Online uploading on the title “Indian Art and Culture” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students Indumathy.R has Participated in PPT Online uploading on the title “Modern India Manufacturing” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.

- Our Department IV year Students Keerthana.M has Participated in PPT Online uploading on the title “Swayam Portal” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department IV year Students Tharaniga. R has Participated in PPT Online uploading on the title “Digital India” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department III year Students Meena.P has Participated in PPT Online uploading on the title “Swaachh Barath” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department II year Students Dhamini has Participated in PPT Online uploading on the title “Indian Tour” in DIGIBETI India’s Best Presentation Contest 2017 on 31st January 2017.
- Our Department II year Students Dheebhika has Participated in PPT Online uploading on the title “Indian Industries” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department II year Students Lavanya.B has Participated in PPT Online uploading on the title “Indian Villages” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department II year Students Nirmala has Participated in PPT Online uploading on the title “E-Hospital” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department II year Students Prithibha has Participated in PPT Online uploading on the title “National Digital Literacy Mission” in DIGIBETI India’s Best Presentation Contest 2017 on 31st January 2017.
- Our Department II year Students Rajeswari.S has Participated in PPT Online uploading on the title “Indian food & Public Distribution” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.

- Our Department II year Students Sowmiya.S has Participated in PPT Online uploading on the title “My India My Pride” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.
- Our Department II year Students Swetha has Participated in PPT Online uploading on the title “Indian Cinema” in DIGIBETI India’s Best Presentation Contest 2017 organized by ICTACT on 31st January 2017.

Project Contest - Smart India Hackathon 2017

- Our Department IV year IT student of A. Aruna, II year IT Student of V.Aswinraaju, G.Selvam, G. Anbarasan, T.Sakthivel, R.Prasanna has registered in Project Contest - Smart India Hackathon 2017 in the title “Automaticstatusreportfromend-pointBiometricAccessControlsystems” by Ministry of AirportAuthorityofIndia, Ministry ofCivilAviation” on 19th January 2017.
- Our Department IV year IT student of V.Dharanidharan, M.Tamizhamala and II year IT Student of S.Sowmiya, V.Prithebha, S.Rajeswari, B.Lavanya has registered in Project Contest - Smart India Hackathon 2017 in the title “Information for the First Mile or acceptance point” by Department of Posts, Ministry of Communications on 19th January 2017.
- Our Department IV year IT student of G.Bhavani and II year IT Student of M.Keerthana, R.Indhumathy, D.Sweatha, C.Shivani, Puppala Sairam has registered in Project Contest - Smart India Hackathon 2017 in the title “Games on Prevention of Dengue & Chickunguniya” by Indian Council of Medical Research on 19th January 2017.
- Our Department IV year IT student of S.Iyyappan and II year IT Student of H.Shantanu Bhowmick, K.Keethiga, M.Sasidharan, I.Nirmala, P.Dhamini has registered in Project Contest - Smart India Hackathon 2017 in the title “Games on Transport” by I Ministry of Road and Highways on 19th January 2017.

Maths Dept: Technical Quiz Competition

- Our Department II, III year IT students of 5 batch have participated in Maths Dept. – Technical Quiz competition and out of which one batch of III year IT students Kirubakaran.S, Naveen Prasanth.S, Sandeep .N get selected for next level of Contest at MIT on 18th February 2017.

UNISYS 2017- Project Contest

- Our Department IV year IT student of A. Aruna, M.Keerthana and M.Astalakshmi have registered in Project Contest on Domain Big Data in the title “Distributed Processing in data stream using execution and prediction organizing” organized by **UNISYS Corporation** on 24th February 2017.
- Our Department IV year IT student of J. Shabana Yasmin, S. Swathy and B.Sangeetha have registered in Project Contest on Domain Cloud Computing in the title “A Reinforced revocable Strategy in cloud data sharing with novel collusion- resistant technique” organized by **UNISYS Corporation** on 24th February 2017. **This team was selected pre final round with in top 10 .**
- Our Department IV year IT student of R.Indumathy, K.Keerthiga and A.Bhuvaneswari have registered in Project Contest on Domain Cloud Computing in the title “Proficient Multi key world search in cloud for Multi user environment” organized by **UNISYS Corporation** on 24th February 2017.

Bigdata Competition 2017- Project Contest

- Our Department IV year IT Students Ilanchezian.D, Iyyappan.S, Muthaiyan.I has registered in Project Contest– Bigdata Competition 2017 on the title “Big Data-In-Memory Parallel Processing of Massive Remotely Sensed Data Using an Apache Spark on Hadoop YARN Model” at SMVEC on 24th February 2017.

- Our Department IV year IT Students Tamizh Amala.M, Sarvodaya.K, Rajeevi.R has registered in Project Contest– Bigdata Competition2017 on the title “Dynamic Job Ordering and Task Mapping for Map Reduce Workloads” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Divya Bharathi.S, Gayathri.G, Hemalatha.B has registered in Project Contest– Bigdata Competition2017 on the title “Graph Processing Engine Based On Unit Graph Using Epic” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Divya Bharathi.S, Gayathri.G, Hemalatha.B has registered in Project Contest– Bigdata Competition2017 on the title “Graph Processing Engine Based On Unit Graph Using Epic” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Aruna. R, Keerthana.M, Astalakshmi Devi. M has registered in Project Contest– Bigdata Competition2017 on the title “Distributed processes in data stream using execution designing and prediction organizing” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Sivapridha.A, Kavibharathy.U has registered in Project Contest– Bigdata Competition2017 on the title “Distributed processes in data stream using execution designing and prediction organizing” at SMVEC on 24th February 2017.

Project Contest - Gyanith Tech Fest 2017

- Our Department II year IT Students of G.Selvem, R.Prasanna, Pupalla Sairam have Participated in Project Contest on the topic “Home Automation” organized by Gyanith Tech Fest 2017 at NIT, Karaikal on 24th – 25th February 2017.
- Our Department II year IT Students of Nandhakumar. V.Ashwin Raaju have Participated in Project Contest on the topic “Bar Code Generating Software” organized by Gyanith Tech Fest 2017 at NIT, Karaikal on 24th – 25th February 2017.
- Our Department III year IT students of A.Ajithkumar, R.Gowthaman, S. Vikneswari have Participated in Project Contest on the topic “ Voice Controlled Robot ” organized by Gyanith Tech Fest 2017 at NIT, Karaikal on 24th – 25th February 2017.

- Our Department III year IT students, A.Nirmal Sivabalan have participated and won the **Second prize, cash award of Rs.300** in Technical Event of “Technical Quiz” on Tattvika Prajja 2k17, A national Level Technical Symposium Conducted by IT & CSE Dept, at Krishnasamy college of Engineering & Technology, Puducherry on 16th March 2017.

SCIMIT-17 - Project Contest

- Our Department III year IT students A.Ajithkumar, S.Sabarinath, N. Thineshkuman have Participated in **SCIMIT-17 - Project Contest** on the topic “Financial Report generation using android” at MITon 28th February 2017.
- Our Department III year IT students E. Umasankar, N.Thamizmuthalvan.N, K.Rajeshkumar.K have Participated in **SCIMIT-17 - Project Contest** on the topic “Voice control Robot” at MITon 28th February 2017.
- Our Department III year IT students D.Ramya, R. Sowmiya, D.Kavitha have Participated in **SCIMIT-17 - Project Contest** on the topic “Android blood bank” at MITon 28th February 2017.
- Our Department III year IT students K.Hemalatha, J.Jayasri, J.Nivedha have Participated in **SCIMIT-17 - Project Contest** on the topic “Chatting application based on Bluetooth” at MITon 28th February 2017.
- Our Department III year IT students J.Kirthana, P.Meena, P.Priyanka have Participated in **SCIMIT-17 - Project Contest** on the topic “Graphical Image Password using Android” at MITon 28th February 2017.
- Our Department III year IT students R.Swathi, K.Sankavi, K.Bakkiyalakshmi have Participated in **SCIMIT-17 - Project Contest** on the topic “Arduino using obstacles avoiding robot” at MITon 28th February 2017.
- Our Department III year IT students T. Sakthivel, P.Shiva Shankar, have Participated in **SCIMIT-17 - Project Contest** on the topic “Arduino Bluetooth Controlled Car” at MITon 28th February 2017.

Bigdata Competition 2017- Project Contest

- Our Department III year IT students of G. Vidhya, U. Kavibharathi, have Participated in BIGDATA Competition on the topic “ Big Data Analytics in the field of agriculture”, organized by the Department of CSE, IT and MCA, Pondicherry University on 18th March 2017.
- Our Department III year IT students of R. Sowmiya, D.Kavitha, A.Ramya, have Participated in BIGDATA Competition on the topic “ Application of Bigdata in Government Sector”, organized by the Department of CSE, IT and MCA, Pondicherry University on 18th March 2017.
- Our Department III year IT students of A. Sivapridha, A. Dhanalatchumy, K. Indupriya have Participated in BIGDATA Competition on the topic “ Analyzing user web surfing pattern to trace terrorist and criminals in Bigdata”, organized by the Department of CSE, IT and MCA, Pondicherry University on 18th March 2017.
- Our Department IV year IT Students Ilanchezian.D, Iyyappan.S, Muthaiyan.I have Participated in Project Contest– Bigdata Competition 2017 on the title “Big Data-In-Memory Parallel Processing of Massive Remotely Sensed Data Using an Apache Spark on Hadoop YARN Model” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Tamizh Amala.M, Sarvodaya.K, Rajeevi.R have Participated in Project Contest– Bigdata Competition 2017 on the title “Dynamic Job Ordering and Task Mapping for Map Reduce Workloads” at SMVEC on 24th February 2017.
- Our Department IV year IT Students Divya Bharathi.S, Gayathri.G, Hemalatha.B have Participated in Project Contest– Bigdata Competition 2017 on the title “Graph Processing Engine Based On Unit Graph Using Epic” at SMVEC on 24th February 2017.

Project Contest - Smart India Hackathon 2017

- Our Department IV year IT student of V.Dharanidharan, M.Tamizhamala and II year IT Student of S.Sowmiya, V.Pritheba, S.Rajeswari, B.Lavanya has registered in Project Contest - Smart India Hackathon 2017 in the title “Information for the First Mile or acceptance point” by Department of Posts, Ministry of Communications on 19th January 2017. They **got selected for Final Round**, which is announced on 6th March 2017 and Event going to be held on 1st-2nd April 2017.

Project Competition - Android 2017

- Our Department III year IT student of Bhuvanalakshmi .B, Durga Devi .G has actively participated in Project Competition, titled “Financial Notifier” conducted at Mailam Engineering College, Mailam on 1st April 2017.
- Our Department III year IT student of Ajithkumar .A, Gowthaman.R has actively participated in Project Competition, titled “Job Consultancy” conducted at Mailam Engineering College, Mailam on 1st April 2017.
- Our Department III year IT student of Naveen Prasanth.S, Sandeep .N has actively participated in Project Competition, titled “GPRS Location Based Alarm” conducted at Mailam Engineering College, Mailam on 1st April 2017.
- Our Department III year IT student of Kirubakaran .S, Thineshkumar .N has actively participated in Project Competition, titled “Recipes Management” conducted at Mailam Engineering College, Mailam on 1st April 2017.
- Our Department III year IT student of Kavibharathy.U, Danalatchumy .A has actively participated in Project Competition, titled “Hotel Management” conducted at Mailam Engineering College, Mailam on 1st April 2017.
- Our Department III year IT student of Vidhya .G, Sivapridha .A has actively participated in Project Competition, titled “Car Solution” conducted at Mailam Engineering College, Mailam on 1st April 2017.

- Our Department III year IT Students of K.Sankavi, K.Bakkiyalakshmi, M.Maheswari, R.Swathi, P.Mathivadhani, C.Sangheetha, M.Sowmiya, B.Sangeetha have attended the two days Workshop on “ Android Advance programming”, Organized and conducted by Ramanujan Computing Centre, College of Engineering, Anna University, Chennai during 18th – 19th March 2017.

Paper Presentation

- Our Department II year IT students, S.Sofia Caroline,I.Nirmala, B.Lavanya have participated in Poster presentation entitled Big Data in Rec-O-Fes’17, Organized by Rajiv Gandhi College of Engineering Technology, Puducherry on 2nd March 2017.
- Our Department II year IT students, V.Prithebha, S.Sowmya, S.Rajeswari have participated in Poster presentation entitled Big Data in Rec-O-Fes’17, Organized by Rajiv Gandhi College of Engineering Technology, Puducherry on 2nd March 2017.
- Our Department III year IT students, R.Swathi, Mathivadhani have participated in Paper Presentation Entitled on “Cloud Computing” at Intercollegiate Techno-Culture Meet, PICTEM’17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.
- Our Department III year IT students, C.Sangeetha, M.Maheswari have participated in Paper Presentation Entitled on “Mobile Computing” at Intercollegiate Techno-Culture Meet, PICTEM’17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.
- Our Department III year IT students, K.Sankavi, K.Bakkiyalakshmi have participated in Paper Presentation Entitled on “Big Data Analytics in Agriculture” at Intercollegiate Techno-Culture Meet, PICTEM’17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.
- Our Department II year IT students, S.Kalaiyarasi, S.Sripradha, S.Vinodha have participated in Paper Presentation Entitled on “Window Azure- the cloud computing platform” at Intercollegiate Techno-Culture Meet, PICTEM’17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.

- Our Department IV year IT students, Tharaniga.R, Vinitha.V, Steffi Mymoon Barathi.R has participated and presented a paper titled “Implication hit on browsing history of twitter users using back propagation with public click analytics and twitter metadata” in the 3rd National Conference on Recent Trends in Information Technology, held at Adhiparasakthi Engineering College, Melmaruvathur on 23rd March 2017.
- Our Department IV year IT students, G.Gayathiri, S.Dhivya Bharathi, B.Hemalatha has participated and presented a paper titled “Graph Processing on a Distributed system for a massive scale” in the international conference on emerging Innovation in engineering and Technology – ICEIET’17 at Christ Institute of Technology, Puducherry, held on 25th of March 2017.
- Our Department IV year IT students, Bhavani.G, Aruna.A, Monica.M has participated and presented a paper titled “A Dynamic and reconfigurable collaborative filtering approach for QoS-Aware Web service orchestration” in the international conference on emerging Innovation in engineering and Technology – ICEIET’17 at Christ Institute of Technology, Puducherry, held on 25th of March 2017.
- Our Department IV year IT students, V.Dharanidharan, R. Manikandan, T. Vetrivendan has published a paper entitled “ Remote Computer Control System using Android Mobile Device” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, T.Hemalatha, R.Sriram, K.Vadivelan has published a paper entitled “Location aware and personalized Filtering for Web Service Recommendation” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, S.Iyyappan, N.Muthaiyan, D.Ilancheziyan has published a paper entitled “FIDOOP- Data Partitioning: Information Separation in common itemized Scooping on HADOOP Clusters” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, S.Subash, B.Vigneshwar, G.Sivachakravarthy has published a paper entitled “Design and Implementation of Energy efficient system for smart campus using IOT with Cloud storage” in the international Journal of Emerging Technology

in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

- Our Department IV year IT students, Shabana Yasmin.J, Suwathy.S, Sangeetha.B has presented a paper entitled “ A Reinforced revocable IBF in cloud data Sharing with Novel Collusion Resistant Technique” in the 2nd international conferences on engineering innovations and solutions (2’JCEJS-2017) on 7th April 2017.
- Our Department IV year IT students, K.Keerthika, R.Indhumathy, A.Buveneswari has published a paper entitled “Proficient Multi Keyword search in cloud for Multi user environment” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, Aruna. R, Keerthana.M, Astalakshmi Devi. M has published a paper entitled “Distributed processing in data stream using execution designing and prediction organizing” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, Sangeetha.N, Valli.T, Thenmozhi.Rhas published a paper entitled “Cyber harassment exposure based on Semantic Enhance diminish filtering auto encoder” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.
- Our Department IV year IT students, Bhavani.G, Aruna. A, Monica.M has participated and presented a paper titled “A Dynamic and reconfigurable collaborative filtering approach for QoS-Aware Web service orchestration” in the international conference on emerging Innovation in engineering and Technology – ICEIET’17 at Christ Institute of Technology, Puducherry, held on 25th of March 2017.
- Our Department IV year IT students, Tamizh Amala.M , Sarvodaya.K, Rajeevi.Rhas published a paper entitled “Dynamic Job ordering and Task mapping for Map reduce workloads using Greedy Algorithm” in the international Journal of Emerging Technology in computer Science and Electronics at MIT, Puducherry, Volume 24-Issue 07, April 2017, ISSN: 0976-1353.

Cloud Computing Contest

- Our Department IV year IT students, Shabana Yasmin.J, Suwathy.S, Sangeetha.B has participated in Cloud Computing Contest on the topic “A Reinforced revocable IBF in cloud data Sharing with Novel Collusion Resistant Technique” at MIT, Puducherry on 25th March 2017.
- Our Department IV year IT students, K.Keerthika, R.Indhumathy, A.Buveneswari has participated in Cloud Computing Contest on the topic “Proficient Multi Keyword search in cloud for Multi user environment” at MIT, Puducherry on 25th March 2017.

SAIT- Extra 17 – Technical Event

- Our Department II year Students Prasanna has won first prize in Quest for D Next event in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.
- Our Department II year Students Sasidharan has won second prize in Quest for D Next event in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.
- Our Department II year Students Sakthivel.T has won third in Quest for D Next event in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.
- Our Department III year Students Arun.K has won first prize in Quiz acheevent in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.
- Our Department III year Students Bhunalakshmi.B has won second prize in Quiz acheevent in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.
- Our Department III year Students Vigneshwari.S has won third prize in Quiz acheevent in Organized Smart Association of Information Technology (SAIT’ 17), Annual Meet- Extra 17 24th April 2017.

- Our Department II year Students Sivakumar & Logesh has won first prize in Engineer's eye event in Organized Smart Association of Information Technology (SAIT' 17), Annual Meet-Extra 17 24th April 2017.
- Our Department II year Students Sakthivel & Sairam has won second prize in Engineer's eye event in Organized Smart Association of Information Technology (SAIT' 17), Annual Meet- Extra 17 24th April 2017.
- Our Department II year Students Sakthikumaran & Prasanna has won third prize in Engineer's eye event in Organized Smart Association of Information Technology (SAIT' 17), Annual Meet- Extra 17 24th April 2017.

Workshop Attended

- Our Department III year IT Students of G.Durga Devi, G.Pavithra B.Bhuvanalakshmi, S.Vikneswari, A.Ajith Kumar and R.Gowthaman have attended the Workshop in the topic "Game Playing", organized by Gyanith Tech Fest 2017 at NIT, Karaikal on 24th – 25th February 2017.
- Our Department 10 students from III year IT and 10 Students of II year IT have attended one day seminar in the topic "Digi Dhan Mela - Casless Digital Transaction", organized by Directorate of Information Technology of Puducherry government, at Kamban Kalaiaragam, Puducherry on 8th March 2017.
- Our Department III & II year IT Students have attended the Workshop in the topic "Internet of Things", organized by CSE Department at MIT on 10th March 2017.

International Certification Course Obtained:

Indian Engineering Olympiad (IEO) 2017-Online Course

- Our Department II, III & IV year IT students of 31 members, have written Exam Indian Engineering Olympiad 2017, organized by Gate Forum on 26th January 2017.

NPTEL - Online Course

- Our Department III year IT students of A.Ajithkumar has registered Online Course NPTEL on Modern Application Development, organized by IIT, Bombay on 27thFebruary 2017.
- Our Department II year IT students of T. Sakthivel, H.Shantanu Bhowmickhas registered Online Course NPTEL on Design and Analysis of Algorithm, organized by IIT, Bombay on 27thFebruary 2017.

EMC²- Online Course

- Our Department IV year IT 21 students out of 21 students have cleared the online Exam, on the topic “Cloud Infrastructure and Services, conducted by EMC², Chennai on 19th& 20th April 2016.
- Our Department IV year IT 15 students out of 16 students have cleared the online Exam on the topic “Bigdata Analytics”, conducted by EMC², Chennai on 19th& 20th April 2016.

EXTRA CURRICULAR ACTIVITY

Inter Engineering Collegiate Cricket Tournament from 2nd to 12th January 2017



Our Department III year IT student, N.Surendiran and IV year Student, D.Ilancheziyan have participated and Won **First** Prize in Sports Event of “Cricket” in Inter Engineering Collegiate Cricket Tournament at SR Engineering College, Hyderabad from 2nd to 12th January 2017.

Weightlifting Conducted by Puducherry Weight lifting association on 7th January 2017



Our Principal Dr. S. Malarkkan and Heads of the department, appreciated and motivated by presenting certificate to the student.

Our Department II year IT student, R.Jayraj have participated and won the **Second** prize in Sports Event of “Weightlifting” in the category of Senior Men, 95 Kg Lifted, Conducted by Puducherry Wiegthlifting association held at Indira Gandhi Sports Complex, Uppalam, Puducherry on 7th January 2017.

Inter Collegiate Tournament for chess, Conducted by Pondicherry University Directorate of Physical Education & Sports



Our Department II year IT student, R. Karthika have participated and won the Third prize in inter Collegiate Tournament for chess, in the category of Women, Conducted by Pondicherry University Directorate of Physical Education & Sports held at Rajiv Gandhi Arts and Science College, Thalalakuppam, Puducherry on 16th February 2017.

Women's Day Celebration 2017 on 8th March 2017

Our Department III year IT student, K. Arun has participated and **Won Second Trophy** in the Kavithai Competition, topic of Voice of Women under Women's Day Celebration organized at MIT on 8th March 2017.



Congratulations to Winners for their achievements!

An Industry Interface Inter-Collegiate students Meet, organized by Department of Banking Technology school of Management, Pondicherry University on 10th March 2017

Our Department III year IT student, U.Kavibarathy, N.Thinesh Kumar, G.Vidhya, S.Naveen Kumar, P.Arun Kumar have participated and got **First Place with Trophy** in the event Treasure Hunt underBANCQUEST 2K17(An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management , Pondicherry University on 10th March 2017.



Congratulations to Winners for their achievements!

An Industry Interface Inter-Collegiate students Meet, organized by Department of Banking Technology school of Management, Pondicherry University on 10th March 2017

Our Department III year IT student, A.Sivapridha, S.Kirubakaran have participated and got **First Place , cash award of Rs.150with Trophy** in the event ADZAP underBANCQUEST 2K17(An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management , Pondicherry University on 10th March 2017.



Congratulations to Winners for their achievements!

Students Participation

- Our Department II year IT student, S.Sofia Caroline, I.Nirmala, V.Prithes, B.Lavanya, S.Sowmya, S.Rajeswari ha have participated Quiz event under Rec-O-Fes'17 in inter Collegiate Technical cum Cultural Festival Organized by Rajiv Gandhi Collge of Engineering and Technology on 2nd - 4th March 2017.
- Our Department III year IT student, K. Sankavi has participated in the Kavithai Competition in topic Women's Proudness under Women's Day Celebration organized at MIT on 8th March 2017.
- Our Department III year IT student, M.Indhira Priyadharshini has participated in the Singing Competition under Women's Day Celebration organized at MIT on 8th March 2017.
- Our Department III year IT student, P.Madhivadani has participated in the Dancing Competition under Women's Day Celebration organized at MIT on 8th March 2017.
- Our Department III year IT student, A.Sivapridha has given English Speech on Be Bold for Change under Women's Day Celebration organized at MIT on 8th March 2017.
- Our Department III year IT student, A.Ajithkumar, S.Sivasurya and A.Nirmal Sivabalan have participated in the event Connexions under BANCQUEST 2K17 (An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management , Pondicherry University on 10th March 2017.
- Our Department II year IT student, R.Jayasree, V.Swagatha, B.Lavanya, S.Sowmiya, T.Sakthivel, P.Sowmiya, C.Shivani, S.Sofia Caroline have participated in the event Connexions under BANCQUEST 2K17 (An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management , Pondicherry University on 10th March 2017.
- Our Department II year IT student, B.Lavanya, Sofia Caroline.S, T.Sakthivel, **H.Shantanu Bhowmick, M.Nandhakumar, K.Logavignesh**, S.Sowmiya, C.Shivani have participated in the event Quiz under BANCQUEST 2K17 (An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management , Pondicherry University on 10th March 2017.

- Our Department III year IT student, S.Rajeswari, I.Nirmala, **H.Shantanu Bhowmick, K.Logavignesh** have participated in the event Best Manager under BANCQUEST 2K17 (An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management, Pondicherry University on 10th March 2017.
- Our Department III year IT student, S.Rajeswari, S.Arunkumar have participated in the event Min Talk under BANCQUEST 2K17 (An Industry Interface Inter-Collegiate students Meet), organized by Department of Banking Technology school of Management, Pondicherry University on 10th March 2017.
- Our Department III year IT students, A.Gokila Devi, K.Dheebhika, P.Dhamini have participated in the event Photography under Intercollegiate Techno-Culture Meet, PICTEM'17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.
- Our Department III year IT students, A.Gokila Devi, K.Dheebhika, P.Dhamini have participated in the event Word Rush under Intercollegiate Techno-Culture Meet, PICTEM'17 organized by the department of Information Technology, Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal held on 10th March 2017.

IT – PLACEMENT -2016-17

Students Placed List

- Our Department IV year IT Students of 11 members(Astalakshmi devi. M, Hemalatha.b, Iyyappan.s, Shabana yasmin.J, Sivachakkravarthy.G, Suwathy.S, Thenmozhi.R, Valli.T, Vetri Vendhan.T, Vigneshwar.B V, Vinitha.V) have attended the off campus placement drive, out of which one of our student, **Iyyappan.S got Placed**in Xlokk Soft Solutions at Alpha college of engineering, Pondicherry , on 4th January 2017.
- Our Department IV year IT Students of 10 members(Bhavani.G, Divya Bharathi.S, Gayathri.G, Hemalatha.B, Indumathy.R, Keerthana.M, Shabana Yasmin.J, Sivachakkravarthy.G, Tharaniga.R, Vadivelan.K) have attended Real Image Online test, conducted by Real Image Software Solutions at MIT on 5th January 2017.
- Our Department IV year IT Students of 9members (Divyabharathi.S,Indumathy.R,Shabana.J,Sivachakkravarthy.G,Bhavani.G,Aruna.R,Vadivelan.K,Tamizhamala.M,Dharanidharan.V) attended the off campus drive in ASPIRE SYSTEMS at SMVEC, Puducherry on 10th January 2017.
- Our Department IV year IT Students of 6 members (Bhavani.G, Gayathri.G, Keerthana.M, Keerthiga.K, Tharaniga.R, Indumathy.R) have attended the off campus drive in GAVS Pvt Ltd at GAVS Pvt Ltd, Chennai on 4th January 2017.
- Our Department IV year IT Students of 9 members(Bhavani.G, Gayathri.G, Keerthana.M, Keerthiga.K, Tharaniga.R, Indumathy.R Hemalatha.B, Thenmozhi.R, Vinitha.V) have attended off campus drive in at HTC Company, Chennai on 11th January 2017.
- Our Department IV year IT Students of 3members((Indumathy.R, Thenmozhi.R, Astalakshmi Devi. M) have attended off campus Drive in TECHNOSOFT, Chennai at MIT on 21st January 2017.
- Our Department IV year IT 12 Students(Bhavani.G, Divya Bharathi.S, Gayathri.G, Hemalatha.B, Ilanchezian.D, Indumathy.R, Keerthana.M, Shabana Yasmin.J

Sivachakkavarthy.G, Tharaniga.R, Vadivelan.K, Manikandan.R.)have attended Chain sys campus drive in SMVEC on 9th February 2017.

- Our Department IV year IT Studentsof 4 members got placed in Birla Soft Company is undergoing Technical Training from 24th March to 3rd April 2017.
- Our Department IV year IT Studentsof 14 members from Final Year IT attended American Mega Trends in MVIT on 20th March 2017
- Our Department IV year IT Studentsof 4 members got placed in Birlasoft Company is undergoing Technical Training from 24th March to 3rd April 2017.
- Our Department IV year IT Students of 6 Members Got placed in IDBI Company are undergoing Training from 26th to 27th April 2017.
- Our Department IV year IT Students of 10 Members from Final Year IT attended NEST Information Technologies in MVIT on 27th April 2017.
- Our Department IV year IT Students of 8 Members from Final Year IT attended Aon Hewitt Campus drive in SMVEC on 26th April 2017.

EDITORIAL BOARD

Editors:

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

Student-Editors:

III Year IT

1. Dharani Dharan.V
2. Divya Bharathi.S
3. Keerthana.M
4. Sivachakkavarthy.G

II Year IT

5. Anbarasan.G
6. Jayasree.R



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthal Kuppam, Madagadipet - 605107

Department of Information Technology

PLACED STUDENTS (BATCH: 2013-2017)

THANKS TO MANAGEMENT, PRINCIPAL, HOD, STAFF MEMBERS AND PLACEMENT TEAM





ARUNA R SARVODAYA K







DHARAM DHARAM V KEERTIGA K SANGEETHA N TAMIZH AMALA M




SUWATHY S






ILANCHIZHYAN D SIVACHAKRAVATHY G MANKANDAN R




VAINVELAN K THARANGA R





VALLET THIMMOZIL R





BHAVAN G GAYATHRI G




SUBASH S DIVYA BHARATHI S






MONICA M KEERTHANA M






ARUNA A INDUMATHY R RAJEEV R




IYYAPPAN S




KEERTHIGA K




SRIRAM R




SHABANA YASMIN J



PLACEMENT DETAILS 2013-2017 BATCH

S.No	Name of the Organization	Salary	Date of Campus Recruitment	No. of students placed
1	CFS	Rs.4,50,000	08th April 17	1
2	IDBI Bank	Rs.3,50,000	16th & 17th Nov'16	10
3	TATA CONSULTANCY SERVICES-TCS	Rs.3,36,000	30th Sep & 1st Oct'16	2
4	BIRLA SOFT	Rs.3,10,000	15th Oct'16	4
5	HCL	Rs.3,00,000	14th Mar 17	1
6	Nest Information Technology	Rs.2,60,000	27th April 17	2
7	SUTHERLAND	Rs.2,40,000	3rd Nov'16	7
8	SLK Software	Rs.2,40,000	23rd Nov'16	0
9	MOBIUS (KPO)	Rs.1,20,000	12th Nov'16	1
10	True Tech Solution	Rs.3,20,000	25th Mar 2017	0
11	Zealous	Rs.1,20,000	17th Dec 2016	0
12	XLOKK SOFT	Rs.1,20,000	4th & 5th Jan 17	1
13	Oppo	Rs.1,20,000	25th March 17	0
14	ISON	Rs.1,20,000	25th March 17	1
Total				30

DEPARTMENT OF INFORMATION TECHNOLOGY



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