



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University )  
A Unit of Sri Manakula Vinayagar Group of Educational Institutions  
**Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107.**

## ANNUAL REPORT 2016-2017



## INTRODUCTION

It is an immense pleasure and proud that we are releasing the Seventh 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 Seventh Issue of half-yearly Newsletter of MVIT, highlighting the activities of the college between December 2015 and April 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 Seventh 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 Seventh 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 Seventh 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 63<sup>rd</sup> BIRTH ANNIVERSARY CELEBRATION



Our Management, Principal, Faculty and Students Celebrated our Founder Chairman Thaivathiru. N. Kesavan's 63<sup>rd</sup> Birth Anniversary on 22<sup>nd</sup> January, 2016. 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.



*Shri.M. Dhanasekaran, Chairman & Managing Director, and Dr. K.Narayananasamy, Secretary - SMVE Trust planted tree sapling during Founder's 63<sup>rd</sup> Birth Anniversary Celebration.*

## 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

SCIMIT'16 - National Science Day was celebrated by the department on 27<sup>th</sup> February 2016. It is celebrated every year to discover the hidden talents of the students. On this occasion, various events was organised by the faculty such as Project Expo and Brain Teaser. Around 213 students projects from various engineering colleges all over Tamilnadu & Puducherry have been displayed.



*Mr.Jude Xavier Senior Head -Techno soft Global - delivering an inaugural address on SCIMIT 2016. Mr.S.Vinayagababu CEO, 4-Semi Conductor, Bangalore and the Principal Dr.S.Malarkkan, are on the Dias.*

The eye open scenario began with a grand inaugural Function. It was started with the welcome address of the Principal Dr.S.Malarkkan. Key note of the SCIMIT- 16 events was briefed by Mr.K.Anand Asst Prof, Department of Physics. Mr.Jude Xavier Senior Head -Techno soft Global, and Mr. S. Vinayagababu CEO, 4-Semi Conductor, Bangalore were the chief guests of the programme. The Chief Guests started the day with inauguration of projects - Expo and addressed the students about the present scenario of the Engineers and the placement suggestions for the budding Engineers.

The best three projects were awarded with the cash prize of Rs 50,000. The Project Expo winners were from Karunya University, Dr.M.G.R University, Vellamal Institute of Technology & CK College of Engineering and Technology. The Winner of brain teaser of the programme was Achariya Arts & Science College, Pondicherry.

### DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering Department was established in the Year 2012. The Department has established Manufacturing Process Lab, Dynamics of Machines, Material Testing & Metallurgy, Thermal Engineering, CNC Metrology and Measurement, CAD, CFD Labs at an investment of about Rs. 2 Crores. The Labs are equipped with world class Hi-Tech equipments and machineries to meet the latest Technological Innovation.

#### Staff Activities

Dr. B. Radjaram, Prof. & Head, participated in the conference titled "Future Automotive Design" at hotel Le Royal Meridian Chennai, on 09<sup>th</sup> October 2015.

Mr. K. Manikandan & Mr. K. Bharathiraja Asst. Profs., participated in the conference titled "Waste Management" conducted by M/s Chemin C&I Pvt. Ltd., Puducherry on 12<sup>th</sup> October, 2015.

Mr. K.Selvam Asst. Prof., participated in the Two Days Workshop titled "Brake Friction Material: Past, Present and Future" at NIT - Trichy, 5<sup>th</sup> to 6<sup>th</sup> November 2015.

Mr. S.Ganesh Kumar & Mr. R. Karthikeyan Asst Profs., participated in the Five Days Workshop titled "Digital Prototyping using Auto Desk Inventor" by ICT ACT held at St. Xavier Catholic College of Engineering - Nagercoil, from 23<sup>rd</sup> to 27<sup>th</sup> November 2015.

Mr. R.Muraliraja Asst. Prof., presented and published a paper entitled "Electroless Ni-P-Cu-CuO Composite Coatings on Mild Steel with zwitterionic surfactant" in the Two Days International Conference held at Malaysia on 16<sup>th</sup> & 17<sup>th</sup> November 2015.

Mr. K.Selvam, R.Muraliraja, R.Karthikeyan, B.Vasanth, K. Manikandan, K.Barathiraja & S.Ganesh Kumar Asst Profs., participated in the Five Days Workshop conducted by ICTACT titled "AutoDesk AutoCADD 2015" at Manakula Vinayagar Institute of Technology from 8<sup>th</sup> to 12<sup>th</sup> December 2015.

Mr. A.Thiagarajan, Mrs.G.Radhaboy and Ms. S.Sheena Asst Profs., participated in Five Days Workshop titled "Bioenergy Conversion Systems - Modelling and Simulation" at Pondicherry Engineering College from 14<sup>th</sup> to 18<sup>th</sup> December, 2015.

#### Department Activities

Mr. Nagendra Chandrashekar, Managing Director, Winyasa Technologies, Bangalore & Mr. S. Chandrasekar, Business Development, Detroit Engineered Products, Chennai delivered a Guest Lecture on "CAD & CAE Techniques in Product Development" to the Second, Third and Final Year students on 24<sup>th</sup> February 2016.



*Dr. B. Radjaram, Professor & Head, Dept. of Mechanical Engg., delivering the Welcome address during the Guest Lecture session on "CAD & CAE Techniques in Product Development".*

The department organized a Guest Lecture on "Application on 3D Printing" by Mr. Justin Babu, Senior Technical Support, Design Tech, STRSTYSIS, Chennai for the Third and Final Year students on 10<sup>th</sup> March 2016.



*The Students of Final year Mechanical Engineering viewing the 3-D Printer, during the Guest Lecture session on "Application on 3D Printing".*

An IEI sponsored One day Workshop on "Lean Manufacturing" was conducted for the Third and Final Year students on 5<sup>th</sup> March 2016. Mr. V.Natarajan, Executive Director, Bimetal Bearings Limited, Chennai, Dr.A.Gnanavel Babu, Associate Professor, Dept. of Industrial Engg., Anna university, Chennai, and Mr. Padamanaban Panchu, Assistant Professor, Dept. of Industrial Engg., Anna University, Chennai were the resource persons.



*Dr.S.Malarkkan, Principal, delivering the Welcome Address during the Workshop on "Lean Manufacturing".*

A Five days Faculty Development Programme in association with ICTACT on "Autodesk AutoCAD 2015" was organized for Third and Final Year students from 8<sup>th</sup> to 12<sup>th</sup> December 2015. Faculty members of MVIT and various Faculty members from other colleges had participated.



*Dr.S.Malarakkan, Principal, Dr. B. Radjaram, Professor & Head, Dept. of Mechanical Engineering, Faculty from ICTACT and the participants during the Faculty Development Programme Valedictory Function.*

A Science mission was organized in association with JCI Pondicherry on 30<sup>th</sup> January 2016. A Mega Talent Competition for school students was conducted for 6<sup>th</sup> to 12<sup>th</sup> Standard students for bringing out their creativity and innovative ideas. Around 250 projects were registered and 700 students were participated. The best project was awarded with a cash prize of Rs.50,000/-.



*Mr. Muthaiya, Motivational Speaker shared his experiences during the Science Mission Programme.*

The Department organized One Day Workshop on "Application of Statistics in Industry" in association with Minitab, QSUTRA, Bangalore, by Mr. Bimal Kumar Kesh, Senior Statistician, Minitab for the Third and Final Year students on 8<sup>th</sup> March 2016.

An Energy Club of MVIT and the Department of Mechanical Engineering organized an "Electricity Conversation Awareness Rally" at Thiurbuvanai, Puducherry for First Year students on 16<sup>th</sup> March 2016. Mr. K. Mathivanan Superintending Engineer and Mr. T. Chanemougam, Executive Engineer, Electricity Department, Puducherry were the Chief Guests of the Programme.



*Er.K.Mathivanan Superintending Engineer flagging off the Electricity Conservation Awareness Rally.*

### Students Activities

Mr. S.Santhosh, Mr. Samuel Vijayakumar & Mr. Gokulnath.B of Second Year, had participated in Three Days Mega Project Expo held from 21<sup>st</sup> to 23<sup>rd</sup> January, at Sri Venkateshwara Engineering College and won the Third Prize with the cash award of Rs.1000/-.

Mr. P.Aravindan, & Mr. V.V. Rajan of Second Year, participated in Three days Technical Event Programme and won the Second prize in the event "Robosoccer" with a cash award of Rs. 1200/-, held at PSG College of Technology, Coimbatore from 12<sup>th</sup> to 14<sup>th</sup> February 2016

Mr. P.Aravindan, & Mr. V.V.Rajan of Second Year, participated in the Three days Technical Event program and won the First & Third prize in the event "Robo sumo" with the cash award of Rs.10000/- & Rs.3000/- respectively at PSG college of Technology, Coimbatore from 12<sup>th</sup> to 14<sup>th</sup> February 2016.

Mr. S.Santhosh, Mr. Samuel Vijayakumar & Mr. Gokulnath.B of Second Year, participated in Two days Technical Event Program namely "Royal Rembrandt", "Sedan Sherlock" & "Pit stop" held at Madras Institute of Technology, Chennai on 26<sup>th</sup> & 27<sup>th</sup> February 2016.

Mr. P. Aravindan and Mr. V.V. Ranjan of Second Year, secured the First Place in the Events "Acceleraton", "Goal", "Mahayudum", and were awarded with the Cash Prize of Rs. 2500/-, Rs.3000/- & Rs. 3000/- respectively at Siddaganga Institute of Technology, Tumkur, on 27<sup>th</sup> February 2016.

Mr. P. Aravindan, & Mr. V.V.Rajan of Second Year, participated in the Technical Event "Robo wars" and won the First prize with a cash award of Rs.10000/-, held at NITTE Meenakshi Institute of Technology from 3<sup>rd</sup> to 5<sup>th</sup> March 2016

Mr. V.V. Rajan of Second Year, participated in Two Days Project Expo 'INTECH16' held at Madras Institute of Technology, Chennai on 12<sup>th</sup> & 13<sup>th</sup> February 2016.

Mr. S.Santhosh, Mr. Samuel Vijayakumar & Mr. Gokulnath.B of Second Year, participated in Two Days Project Expo "AUTIMEET 16" held at Madras Institute of Technology, Chennai on 26<sup>th</sup> & 27<sup>th</sup> Feb and won the First prize with a cash award of Rs.5000/-.

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

This Department was established in the year 2008 focusing the Communication Engineering needs of the modern society. Adequate Emphasis is also given to electronic design using most modern technology. Emphasis is also given to the digital processing of information for efficient communication. Utmost care is taken in the perspective of imparting more practical knowledge to the students' community in the field of Electronics and Communication.

### Staff Activities

Mr.S.Arunmozhi, Asso.Prof., has presented a Paper on "Relaying Networks over an Nth Best Relay Selection Scheme on Nakagami Channel" in IEEE sponsored International Conference on Microwave, Optical and Communication Engineering (ICMOCE-2015) conducted at the School of Electrical Sciences, IIT Bhubaneswar.

Ms.B.LakshmiPriya and Ms.P.Malarvizhi, Asst.Profs., published a paper on "Kappa Coefficient Based Mitigation Mechanism for Byzantine Attacks in MANET" in the International Journal of Innovative Research in Computer and Communication Engineering, Special Issue 8, November 2015.

Ms. B.LakshmiPriya, Asst. Prof., has successfully completed the NPTEL Online Certification Exam on "Principles of Modern CDMA/MIMO/OFDM Wireless Communication held at Chennai in the month of November 2015.

Mr.S.Arunmozhi, Asso. Prof., and Ms.P.Malarvizhi, Asst. Prof., have completed the NPTEL Online Certification Exam on "Probability and Random Variables/ Processes for Wireless Communications" held at Chennai on 8<sup>th</sup> November 2015.

Mrs.R.Vithiya, Mr.M.Sivaraj and Mr.S.Anbazhagan, Asst. Profs., have attended a Faculty Development Programme on "Antenna and Wave Propagation" at KarpagaVinayagar College of Engineering and Technology, Chengalpet.

Mrs.R.Vithiya and Mrs.N.Elakkiya, Asst. Profs., have presented a paper on "Monitoring of Toxic Gases in Gold Mining" in an International Conference E2IC2 at Karpagam College of Engineering, Coimbatore on 19<sup>th</sup> December 2015.

Mr. Nandakumar and Mr. K. Vivek, Asst. Profs., have developed Two Digital Trainer Kits and One Function Generator.

Mr.K. Vivek and Mr.V.Surender, Asst. Profs., conducted One Day Workshop on "Microwind" for the Second Year Students on 30<sup>th</sup> January 2016.

Ms.P.Malarvizhi and Ms. K.Priathamjevithya conducted a One Day Workshop on "ADS Software" for the Second Year students on 13<sup>th</sup> February 2016.

Mr.S.Arunmozhi and Mr.M.Jayekumar, Asso. Profs., have attended a Technical Summit "ICTACT BRIDGE" conducted by ICT Academy of Tamil Nadu in association with NASSCOM at Chennai Trade Center, Chennai on 17<sup>th</sup> February 2016.

Mr.S.Aswanth and Mr.E.Ramasamy, Asst. Profs., have attended Two Days Workshop on "5<sup>th</sup> Generation Technology", at B.S. Abdur Rahman University on 13<sup>th</sup> & 14<sup>th</sup> February 2016.

Mr.K.Vivek and Ms.Padmapiya, Asst. Profs., conducted a One Day Workshop on "MATLAB for Communication Engineering" on 5<sup>th</sup> February 2016.

Mrs.D.Saraswathy, Asst. Prof., has presented a paper on "An Efficient Feature Extraction Technique for Breast Cancer Diagnosis using Curvelet Transform and Swarm Intelligence in IEEE International Conference on Wireless Communication, Signal Processing and Networking (WiSPNET) at SSN College of Engineering, Chennai from 23<sup>rd</sup> to 25<sup>th</sup> March 2016.

Ms.B.LakshmiPriya, Asst. Prof., has presented paper on "Multi-Temporal Fusion of Abdominal CT image for effective liver Diagonosis" in IEEE International Conference on Wireless Communication, Signal Processing and Networking (WiSPNET) at SSN College of Engineering, Chennai, from 23<sup>rd</sup> to 25<sup>th</sup> March 2016.

## Department Activities

The Department organized Value Added Courses on JAVA and CCNA for the Third Year students on 21<sup>st</sup> December 2015.

Spoken Tutorial Test on C Programming was arranged by the Department for Third Year students on 31<sup>st</sup> December 2015.

Poster Presentation on "Latest Wireless/Antenna Technology" & "Latest Equipments and Measuring Devices" for the Third and Second Year was conducted on 23<sup>rd</sup> January 2016.

Value added courses on Core Java and CCNA for Third Year students were completed on 7<sup>th</sup> and 10<sup>th</sup> January 2016.

A One Day Workshop on "Microwind" was conducted for the students of Second Year on 30<sup>th</sup> January 2016.

A workshop on "ADS SOFTWARE" was organized for the Second Year students on 15<sup>th</sup> February 2016.



*The Students demonstrating their Projects during Mitronc '16*

Mitronc '16, a National Level Technical Symposium was organized by the Department on 26<sup>th</sup> and 27<sup>th</sup> February 2016

One Day Workshop on DSP Lab Kit was conducted by Pantech Solutions on 10<sup>th</sup> February 2016 by Pantech Solutions.

A Guest lecture on "Basic Electronics" by Mr.Swarna Raja, Raja Electronics was organized for the Third Year Students on 16<sup>th</sup> February 2016.

A One day workshop on "Raspberry Pi" was conducted for the Third Year Students on 3<sup>rd</sup> and 4<sup>th</sup> February 2016.

The Department signed a Memorandum of Understanding (MoU) with BSNL, Chennai, on 19<sup>th</sup> February 2016.



*An agreement of Memorandum of Understanding with BSNL, Chennai.*

Mr.K.Vivek and Ms.Padmapriya, Asst.Profs., conducted a One Day Workshop on "MATLAB for Communication Engineering" on 5<sup>th</sup> February 2016.

A Guest lecture on "Professional Ethics" by Mr.Srinivasan, Professor / ECE, Pondicherry Engineering College was conducted for the Third Year students on 8<sup>th</sup> March 2016.

#### Students Activities

Mr. K.Jeyashri of Second Year M.Tech, bagged Best Paper Award at ICCS 2016, in the International conference conducted at Pondicherry Engineering College for the paper titled "Multislice Fusion of abdominal CT images using Non-Subsampled Shearlet Transform".

Mr. Clement Joshua.S and his team from Third Year ECE, won First Prize and were awarded cash prizes up to 1.5 lakhs in ROBOTICS events conducted in the various institution like SRM University, National College, Palakkad, National Institute of Technology, Calicut, VIT , Birla Institute of Technology and NSS Nair College, kerala.



Mr.Clement Joshua.S and Team from Third Year ECE Won the First Prize in the Robotics Events conducted in various Institutions.

Mr. Nandha.G, P. Mr. S.Harikumar and Mr.V. Gokularaman presented a paper on "REAL TIME MULTITASKING USING LOOKUP TABLE" in IEEE International Conference on Information Communication & Embedded System ICICES 2016 conducted at S.A.Engineering College, Chennai.

Mr. S.Karthick from Final Year, has presented paper on "Comparative Study of Low Power High Speed D-Flip Flop on 32nm CMOS" in IEEE International Conference on Electronics and Communication System (ICECS'16) conducted at Karpagam College of Engineering.

Mr. M. Velmurugan, Mr. C.A. Nithai and Mr. I. Sunilraj from Third Year, have won Rs. 2000/- cash prize in the Quiz competition conducted at Sri Venkateswara College of Engineering on 20<sup>th</sup> January 2016.

Mr. K.Barani chandran and his team from Third Year, won Cash Prize of Rs. 8000 in Technical and Non Technical events from various institution like PIMS, PEC, Ganesh College of Engineering and Sri Krishna College of Engineering

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Computer Science and Engineering department was started with an intake of 60 students in 2008. The sanctioned intake was increased to 120 seats in 2010.

M.Tech - CSE (PG) Degree programme was started with an intake of 18 students in 2012. The Department of Computer Science and Engineering has been continuously making progress in Teaching and R & D activities. The Department focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of moulding tomorrow's technocrats with high caliber and commitment. The Department is well equipped with 400 Computer Systems with latest configuration and also has a separate Department Library with Latest Titles, Editions, Journals, and Magazines.

#### Staff Activities

Dr.S.Pariselvam, Asso.Prof., Mr. R. Rajbharath, Mr. N. Palanivel, Mr.Sathishkumar, Mr.S. Jayamoorthy,, Mrs.I. Varalakshmi, Mrs.S.Kalaivani, Mrs.P. Bhavani, Ms.D. Nagamani Abtrami, Mrs.V.Selvi, Mr.P. Sathiyarayanan, Mr.D.Lubin Balasubramanian, Asst.Profs., have attended Oracle Certified Java Programming OCJP Exam during September 2015.

Mrs.S.Kalaivani, Mr.S.Jayamoorthy, Mr.P.Anandajayam and Mrs.I.Varalakshmi, Asst.Profs., have attended Five Days Course on "Data Science & Big Data Analytics" by EMC2-ICTACT from 30<sup>th</sup> November 2015 to 04<sup>th</sup> December 2015 at SMVEC, Puducherry.

Mrs.S.Kalaivani, Mr.S.Jayamoorthy, Mr.P.Anandajayam, and Mrs.I.Varalakshmi, Asst. Profs., have completed the exam and certified on "Data Science & Big Data Analytics" EMC2-ICTACT on 12<sup>th</sup> December 2015.

Value Added Course-Advanced Java has been conducted for Third Year students by M/s Chakrikka Info Solutions, Puducherry from 15<sup>th</sup> to 28<sup>th</sup> December 2015.

Value Added Course-Core Java has been conducted for II Year students by M/s Chakrikka Info Solutions, Puducherry from 24<sup>th</sup> December 2015 to 4<sup>th</sup> January 2016.

Dr. K. B. Jayaraman, Prof., & Head, has participated in One Day Workshop on "Accreditation, Standards & Management In Higher Education" sponsored by RUSA and conducted by PKIET, Nedungadu, Karaikal on 17<sup>th</sup> December 2015.

Dr.K.B.Jayaraman, Prof., & Head, Mr.S. Jayamoorthy, Mrs.S.Kalaivani, Mrs.P.Bhavani, Mrs.I.Varalakshmi, Mr.V. Anand, Mrs.V.Selvi, Dr.K.Poonkavithai, Mr.R.Sathishkumar, Asst. Profs., have Participated in Puducherry e-Governance Society (PeGS) Faculty Development Programme on "LIFE SKILLS" conducted by ICTACT Training Academy, Puducherry from 2<sup>nd</sup> to 6<sup>th</sup> November 2015.

The Department Faculty members have participated in Puducherry e-Governance Society (PeGS) Faculty Development Programme on "WEB DESIGNING & SCRIPTING" conducted by ICTACT Training Academy, Puducherry from 24<sup>th</sup> to 28<sup>th</sup> November 2015 at MVIT, Puducherry.

Mr.S.Jayamoorthy, Asst. Prof., has published a paper on "Reduce Network Latency Downtime and Improve Web Service Retrieval Time Using Zone Based Frequency Partition Technique in the Journal of Computing Technologies (JCT), Volume 5, issue 2 Feb-2016. ISSN: 2278-3814.

Ms.D.Nagamani Abirami & Mrs.PBhavani, Asst. Profs., have attended One Day Workshop on "NPTEL, Learning Methodologies" conducted by RG CET, Puducherry on 11<sup>th</sup> January 2016.

Mr.P.Anandajayam, Asst. Prof., has visited EMC<sup>2</sup>-Bangalore and gained installation knowledge of Big Data & Cloud Infrastructure details on 08<sup>th</sup> February 2016.

Dr.K.B.Jayaraman, Prof. & Head, has participated in TIMESJOB.COM - HR meeting Industry Academia Connect 2016 - "Building the workforce of future" at Taj Connemorra Hotel, Backside of Spencer on 12<sup>th</sup> February 2016.

Dr.K.B.Jayaraman, Prof. & Head, has participated in Pondicherry Planning Authority - 4<sup>th</sup> Interactive Seminar with Stake holders - "Preparation of Comprehensive Development Plan for Puducherry Region" at Christ College of Engineering on 19<sup>th</sup> February 2016.

Mrs. S. Kalaivani, Asst. Prof., has presented a paper "A Study on Systematization of Engine and Fuzzy Logic Using Mining concepts" at the International Conference on Advances in Engineering & Technology ICAET held at Chennai on 7<sup>th</sup> February 2016.

Dr.K. B. Jayaraman, Prof. & Head, has published a paper "Classification of Land Cover in Satellite Image using Supervised and Unsupervised Techniques" in International Journal of Computer Applications (0975 - 8887) Volume 135 - No.5, February 2016.

Mr.P.Anandajayam, Asst. Prof., has delivered a Guest Lecture - "Cloud Infrastructure as a Service" at Nadar Saraswathi College of Engineering, Theni on behalf of ICTACT, Tamilnadu on 26<sup>th</sup> February 2016

Mr.P.Anandajayam, Mrs.S.Kalatvani, Mrs.I.Varalakshmi and Mr.S.Jayamoorthy, Asst. Profs., have conducted 5 days workshop in association with ICTACT, Puducherry - Data Science & Data Analytics in Big Data for Final year students at MVIT from 7<sup>th</sup> to 12<sup>th</sup> March 2016.

### Student Activities



Mr. R.Balaji, Mr. G. Mathan, Mr. R. Ashwin and Mr. V.P. Ganesh Aravindh of Third Year, have secured Third Place in Aahaar -Techfest competition held At IIT, Bombay from 26<sup>th</sup> to 28<sup>th</sup> December 2015.

The Third Year Students Mr. R.Balaji, Mr. G. Mathan, Mr. R. Ashwin, Mr. V.P. Ganesh Aravindh, have secured Third Place in Aahaar -Techfest Competition and Mr.A. Gunabalan have the Secured the Fourth Place in "Block Warrior -Techfest Competition" and Ms. K. Sangavi, Mr. R. Ajay. R. Mohamed Mujammil, S. Imaya have secured Fourth Place in " Sparks - Techfest Competition, held at IIT, Bombay from 26<sup>th</sup> to 28<sup>th</sup> December 2015.

Mr. T. Parimel Azhagan, Mr. P. Vetrivel, and Ms. Nivetha from Third Year and Ms. K. Indumathy, Mr. M. Akshay Kumar Jain from Second Year students have secured Third Place in "Acquanette-Techfest competition" held at IIT, Bombay from 26<sup>th</sup> to 28<sup>th</sup> December 2015.



Ms. Priyadarshini and Ms.C. PPreethika of Third Year, received "the Best Performing Institution Award for Innovation of Engineering and Technology -IET'16" by presenting the paper titled "Providing Dual Safety towards Fishermen during Border Cross and External Risks" in the State Level Paper Presentation Contest conducted by Mr.S.Jayamoorthy, Recruitment Analysis Council at Pondicherry Engineering College on 19<sup>th</sup> March 2016.

Ms. Rajalakshmi, Ms. K. Gayathri, Ms. Uma Maheswari, Final Year Students, have presented a paper entitled " A Study on Systematization of Engine and Fuzzy Logic using Mining concepts" in the International Conference on Advances in Engineering & Technology (ICAET) at Chennai on 7<sup>th</sup> February 2016.

M. Shanmathy, S.Divya, R.Nalini Karpagam Final Year students have presented a paper entitled "Real time Analysis of Social network twitter for rating & blocking user commands using NLP" in the International Conference on Engineering, Technology & Applied Sciences ICETAS held at K.K.C.Kalvi Valagam, Jayankondam on 25<sup>th</sup> February 2016.

### Department Activities



Dr. D.Lojanathan, Professor / CSE, Pondicherry Engineering College, Puducherry delivering a Guest Lecture on "Information Security" for Final year students on 11<sup>th</sup> February 2016.



Mr. Raushan Kumar Singh, Director, from M/s Spectrum Solutions, Puducherry has delivered a Guest Lecture on Mobile Computing on 30<sup>th</sup> December 2015 for final year Students.

Mr. T.U. Atchudhan, Technical Consultant, from M/s Sodexis Inc, Puducherry has delivered a Guest Lecture on OPEN ERP for III yr students on 23<sup>rd</sup> January 2016.

Mr. Raa, Raja Electronics, Cuddalore, has delivered a Guest Lecture on "Hardware Components & Laptop working Principles" to the Second Year Students on 18<sup>th</sup> February 2016.

The Department arranged an Industrial Visit to M/s CITS Ltd., "Vadapalani, Chennai for the Second Year students on 20<sup>th</sup> February 2016.

Third Year students have attended one day Embedded Systems workshop-ARM Processors conducted by Mr. Siva, Pantech Solutions, Chennai on 1<sup>st</sup> March 2016.



Mr. Ragsavendra of Second Year, won the First Prize in the event ROBO SUMO and the Second Prize in the event "ROBOCER" held at PSG College of Technology from 12<sup>th</sup> to 14<sup>th</sup> February 2016.



National Conference - SCAN 2016 "Systems, Computation, Automation & Networking" (EEE, ECE, CSE, IT & MECHANICAL Departments) was conducted in association with ICTACT, Puducherry & CSI Chapter on 11<sup>th</sup> March 2016. Mr. T.H. Thillai Rajan General Manager, Suresoft Systems Pvt. Ltd, Puducherry & Mr. Alagiri, Project Co-ordinator, ICTACT, Puducherry were the Chief Guests.

The Department organized One Day Workshop on "Hyper Text Preprocessor PHP", by Mr. Ilambaruthi, Senior Software Engineer, Accenture, Chennai, for the Third Year students on 3<sup>rd</sup> March 2016.

Dr. S. Lakshmana Pandian, Asso. Prof., CSE Department, Pondicherry Engineering College, Puducherry, has delivered a Guest Lecture on "Automata Languages & Computation" for the Second year students on 07<sup>th</sup> March 2016.

Mr. Prashanth, Senior Associate Editor, The Hindu, Chennai has delivered a Technical Speech related to Free Open Source

Hardware & Software Community activities during the National Conference - SCAN 2016 "Systems, Computation, Automation & Net working" on 11<sup>th</sup> March 2016.

## DEPARTMENT OF INFORMATION TECHNOLOGY

### 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

### Staff Activities

The faculty members attended a One Week Faculty Development Programme on "Web Designing and Scripting", organized by ICT Academy, Puducherry, from 24<sup>th</sup> to 28<sup>th</sup> November 2015.

Mr. M. Suresh, Asst. Prof., attended One Week FDP on "Software Testing and Quality Assurance", organized by Pondicherry Engineering College, from 23<sup>rd</sup> to 27<sup>th</sup> November 2015.

Mr. K. Vijayakumar, Mr. P. Mathivanan, Asst. Profs., attended One Week Faculty Development Programme on "Data Science and Big Data Analytics", organized by ICT Academy, Tamilnadu, from 30<sup>th</sup> to 4<sup>th</sup> December 2015.

Dr. A. Meiapane, Asso. Prof., Mr. K. Vijayakumar, Asst. Prof., attended One Day FDP on "Assurance Faculty Connect Programme" organized by TATA CONSULTANCY SERVICES, Chennai, on 1<sup>st</sup> March 2016.

Dr. P. Sivakumar, Professor & Head, attended One Day Workshop on "HOD Meet - Start Up" organized by TATA CONSULTANCY SERVICES, Chennai, on 9<sup>th</sup> March 2016.

### Department Activities

A Workshop on "Android and its Applications" was organized by department of Information Technology on 9<sup>th</sup> January 2016 for the Second and Third Year students. The session was handled by Mr. D. Prakash, Corporate Trainer, Chakrika Info solutions, Puducherry.



A One day workshop on "Network Simulator (NS2)" was organized by the Department of Information Technology in association with CSI Student Chapter on 14<sup>th</sup> March 2016 for the Third year students. The session was handled by Mr. S. Shanmugham, NextGen Technologies, Puducherry.

The Department organized "Cloud Computing Project Contest" for other College students on 29<sup>th</sup> January 2016.

The Department organized Two Days "Technical Symposium MITILENCE'16" on 12<sup>th</sup> & 13<sup>th</sup> February 2016. Students from various colleges had participated.

The Department organized One Day Workshop on "Android Application Development" on 13<sup>th</sup> February 2016.

The Department organized Five Days Workshop on "Data Science and Big Data Analytics" in association with ICT Academy, Puducherry, for Final year students from 7<sup>th</sup> to 12<sup>th</sup> March 2016.

#### Students Activities



Ms. S. Chandni, Ms. R. Monica, Ms. J.V. Nivedhidha, Final year students, won the First prize in Mobile App Contest organized by Election Department of Puducherry, held at Pondicherry Engineering college on 20<sup>th</sup> January 2016.



Ms. A. Ayswariya Taniga and Ms. D.V. Priyadharshini, Final year students, won the Third Prize in Cloud Computing Project contest'16 held at MVIT on 29<sup>th</sup> January 2016.

MS.T.Esther, S.Chandini and B.Umamaheswari Final year students, won the prize in Big data Project Contest -2016 held at SMVEC on 19<sup>th</sup> March 2016.



Ms. Rajeevi and Ms. S. Swathy, Third Year students, won the First Prize in "Blind Chess" of MITRONCE 16 held at MVIT on 27<sup>th</sup> February 2016.

Mr.S. Nakkiran, Final year student, won the Second prize in C Debugging of MITILENCE'16 held at MVIT on 13<sup>th</sup> February 2016.

Mr.S. Nakkiran and Mr. R. Rajkumar, Final year students of IT won the Second prize in Market a Product of MITILENCE'16 held at MVIT on 13<sup>th</sup> February 2016.



Ms R. Aruna, Ms. S. Divya Bharathi, Ms. K. Sarudaya, Ms. M. Tamish Amala and Ms. J. Shabana Yasmin, Third year students, won the First prize in Chinese Whispering of BANCQUEST'16 held at Pondicherry University on 16<sup>th</sup> February 2016.

Eight batches from Final Year, participated and presented the papers in the National Conference organized by Department of ECE, Mahindra College of Engineering, Salem on 23<sup>rd</sup> March 2016.

Forty Students from Final Year, received an International certificate of "EMC Academic Associate, Data Science and Big Data Analytics" on 12<sup>th</sup> March 2016.

Mr. N. Sudharasan, Mr. R. Bharath, Final Year students, Won the Third Prize in Android Projects Contest'16 held at Mailam Engineering college on 2<sup>nd</sup> April 2016.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department was started in the year 2008 with an objective of creating a leader in engineering education and research with the application of knowledge for uplifting the society globally. Initially, the Department was started with an intake of 60 students and later it was increased to 120 students in the year 2011. The Department inaugurated IEEE students chapter in the year 2012. The faculty members are consistently doing well in teaching and research activities. The Department has well established and equipped laboratories like Electrical Machines Lab, Power Electronics Lab, Power System Simulation Lab, Microprocessor Lab & Measurements and Instrumentation Lab with equipment cost of Rs. 65 Lakhs. The Department provides exposure to the students with hands-on experience on various Electrical Engineering subjects to face the challenges of the modern corporate world and to mould them as responsible citizens of the country with a willingness to serve the society.

The Department established internal Library with 300 titles and IEEE volumes for the welfare of the Faculty members and students

#### Staff Activities

Mr. P. L. Santhanakrishnan, Mrs.R. Priya, Asst. profs., attended a Five Days Faculty Development Program on "AUTO DESK - AUTO CAD" organized by ICTACT Training Academy, Chennai

Mr.C.Shanmugasundaram, Asso.Prof, Mr.N.Amarabalan, Mrs. R.Muthunagai, Mrs.N.Sarumathi, Asst.Profs, participated in "Science Mission Program" held at Vivekanandha Higher Secondary School, Pondicherry on 30<sup>th</sup> January 2016.

Dr.R.Valli, Head of the Department, participated in the department advisory board meeting conducted in view of NBA Expert Committee visit at IFET College of Engineering on 13<sup>th</sup> February 2016.

Mr. C. S hanmugasundaram, Asso Prof., Mr. P. L. Santhana Krishnan, Asst.prof., attended ICT BRIDGE- 2016 at Chennai on 24<sup>th</sup> February 2016.

#### Department Activities

The Department Signed the Memorandum of Understanding (MoU) with VI MICROSYSTEMS, Chennai on 15<sup>th</sup> December 2015.

Mr.M.Boominathan Muthuramu, Kingmakers IAS Academy, Chennai, conducted a Special Awareness Programme on "Civil Services Examination" to the Final Year Students on 12<sup>th</sup> January 2016.

Mr.S.Balachandhar, M/s CyberMech Robotics, Puducherry, delivered a Guest lecture on "Usage of Control System in Robotic System" to the Third Year Students on 13<sup>th</sup> January 2016.



Dr.A.Venkatesan, Asst.Professor, National Institute of Technology, Karaikal, delivering an Expert lecture on "Electrical Machines-An overview on history working principle, some Design Aspect and Applications" to the Second Year Students on 9<sup>th</sup> January 2016



Mr.Balamurugan, Regional Manager, Gate Forum giving an awareness about the Gate Exam to the Third Year Students on 9<sup>th</sup> January 2016

Mr. Rohan Pawade, Engineer (Technical Sales & Support), Dynalog Didactic Solutions Pvt Ltd, Narhe, Pune, delivered a Guest lecture on "RENEWABLE ENERGY RESOURCES" to the Third Year Students on 16<sup>th</sup> February 2016

Mr.S.Bala Kumar, Thought Analysis, Chennai, delivered a Guest lecture to the Second Year Students on 15<sup>th</sup> February 2016.

Dr.N.C. Lenin, Associate Professor, Dept. of Electrical and Electronics Engineering, VIT Chennai Campus, delivered a Guest Lecture on "Performance Enhancement of Electrical Machines by Fem Packages" to the Third Year Students on 19<sup>th</sup> January 2016.



An Industrial visit to Thermal power station, Neyveli on 18<sup>th</sup> February 2016

Mr. Paul CEO,Mitzpa Gateway abroad,Chennai, delivered the motivational speech in the Awareness Programme on "Career guidance and Higher Studies Opportunities" to the Final Year Students on 1<sup>st</sup> march 2016.

#### Student Activities



Mr.Ruban Prasad, Final Year Student, receiving the "ISTE Best Student Award 2015", during ISTE Annual Convention at Chennai.

Mr.Ruban Prasad, the Final Year Student, received "the Best ISTE Student Award 2015, on ISTE Annual convention held at Anand Institute of Technology, Chennai on 13<sup>th</sup> February 2016.

Eight Students from Second Year attended Two Days Workshop on "HAPTIC (ROBOTIC ARM)" as a part of YUGAM-2016 fest at Kumaraguru College of Technology, Coimbatore .

Ms.S.Vaishavi and Mr. A. Vignesh of Second Year exhibited their project in the 15<sup>th</sup> ISTE Annual convention held at Anand Institute of Technology, Chennai on 13<sup>th</sup> February 2016.

## DEPARTMENT OF MANAGEMENT STUDIES

#### About the Department

The MBA Department was established in the academic year 2009-10 with the intake of 60 students. Over a short period of time, the Department has acquired and developed adequate infrastructure, expertise and resources to excel in imparting Management Education. MVIT' MBA program insists on advanced and universal teaching methods and tools for an effective renovation of knowledge.

The Department has a team of dedicated faculty members who are highly qualified, specialized and possessing rich practical experience in management education. They avail continuous training in their subjects to ensure learning, research skills, and are strongly encouraged to connect with industry. The publications of faculty members have appeared both in International and National Journals. Regular participation in the Conferences and Short-Term training programs for faculty and students are highly motivated.

The Department offers dual specialization courses, viz. Marketing, Finance and Human Resource Management. The Department thrives to produce University ranks every year in the Pondicherry University Examinations.

#### Staff Activities

Dr. R. V Pazhani, Prof., & Head, published an article entitled "Providing Emergency Priority for changing of Higher Educational System for Renovating India" in the Journal of Association of University News - A weekly Journal of Higher Education, Vol.54 No.06. February 08-14, 2016, pp 3-8.

Ms. K. Kalaivani, Asst. Prof., published an article entitled "A Study on Awareness towards Credit Cards and its Usages at Punjab National Bank, Puducherry" in the International Journal of Applied Research, Volume No. 6, Issue1, January 2016, ISSN : 2249 - 555X

Mr. S. Vaideeswaran participated in the Five Days Faculty Development Programme on "Auto CAD 2015" conducted by ICT Academy of Tamilnadu in Association with AUTO DESK from 8<sup>th</sup> to 12<sup>th</sup> December 2015.

Mr. Baig Mansur Ibrahim, Ms.G.Agalya, Mr.C.Arun, Ms.P. Sasikala & Ms.K.Kalaivani, Asst. Profs., attended the National Workshop on "Financial Instruments" at Saradha Gangadharan College, Puducherry, on 31<sup>st</sup> December 2015.

#### Department Activities

"MITELITE - 2016", an Intercollegiate Meet was conducted by the Department on 10<sup>th</sup> March 2016. The students from various Undergraduate Colleges participated in the events such as Event Management, Quiz Competition, Guestimate, New Product Launch, Make Over Contest and Ad zap. Dr. Cheryl Ann Shivan, Principal Kasturba College for Women, Puducherry, and Mr.P. Rangaraj, Founder and Managing Director, Chemin Controls and Instrumentation (P) Ltd., Puducherry, were the Chief Guests of the Programme.



Dr.Cheryl Ann Shivan, Principal Kasturba College for Women, Puducherry, giving a Motivational talk on "Importance of Communication" during MITELITE-2016.



The Chief Guest, Mr.P. Rangaraj, Founder and Managing Director, Chemin Controls and Instrumentation (P) Ltd., Puducherry, delivering Valedictory Address during an Intercollegiate Management Meet.

Mr.Emthiyas, Branch Manager, HDFC Mutual Funds delivered a Guest Lecture on "Financial Planning & Investment", for the First Year students on 28<sup>th</sup> January 2016.

The Department organized Three days EDP Workshop for MBA & B.Tech students from 24<sup>th</sup> to 26<sup>th</sup> February 2016. Mr. Elangovan, Managing Director Metal Tech, Mr.Ve.Thirumal Managing Director Advanced laboratory Chennai, R.B. Guanavelu Inspector of Factories were the resource persons.

Mr. Anbu Kamraj, Lead District Manager, Indian Bank Puducherry delivered the Guest Lecture on the title "Role of Banking in India" on 4<sup>th</sup> March 2016.

Mr. Anbu Kamraj, Lead District Manager, Indian Bank Puducherry delivered a Guest Lecture on "Role of Banking in India", for the First and Second year students on 4<sup>th</sup> March 2016.

#### Students Activities

The First Year students Participated in the Rally Awareness Programme for "Climate Justice & Fair Trade" at Puducherry on 20<sup>th</sup> November 2015.

The Team of First and Second Year students, participated in the Inter Collegiate Management Meet "BANQUEST-16" organized by Pondicherry University on 16<sup>th</sup> February 2016.

The First Year students attended the Budget talk organized by Pondicherry University on 7<sup>th</sup> March 2016.

Ten Students of First Year, attended an ISTE Sponsored One Day Symposium on "Application of Statistics in Industry" Organized by the Department of Mechanical Engineering at MVIT on 8<sup>th</sup> March 2016.



The First Year Students took part in the NIPM Meeting on "IR-ER-HR" with an Industrial Expert, Mr. Soma Valliappan at Hotel Sunway on 19<sup>th</sup> March 2016.

Ms. Ekta Surana, HR Recruiter, Image Expert Style Strategies shared valuable tips on "Importance of Image in Management" for the First Year students, at Hotel Athithi on 29<sup>th</sup> March 2016.

The Second Year students participated in the Cultural Event organized by Hello FM "Kallori Salai" and won the First Prize with a Cash award of Rs. 10,000.

The First Year students secured the First Place in the Skit Competition organized by the Department of Tourism, Government of Puducherry and won the Cash award of Rs. 5000.

### EDP CELL

Ten days EDP Workshop was organized by the MBA department for MBA & B.Tech Students from 24<sup>th</sup> January to 3<sup>rd</sup> February 2016.



Mr.P. Rangaraj Founder and Managing Director, Chemin Controls and Instrumentation (P) Ltd., Puducherry, distributing the certificates to the participants during EDP Programme.

### STAFF RECREATION CLUB



Dr.S.Malarikkan, Principal, MVIT Presenting the Gifts to the faculty during Deepavali-2015 celebration.

Proper recreation and amusement is a prerequisite to have a quality life. The employees of MVIT has formed STAFF RECREATION CLUB to cater the need of recreation. Facilities for all sorts of indoor and outdoor games are being provided by the club. Picnic, Deepavali, and some other festivals are also celebrated by the club to make the bond between the families stronger. The club wishes to SMVE Trust' authority for expanding their hands to build the club

### LIBRARY

The College Central library has a collection of 18244 books, in different subjects like, Basic Sciences, Engineering & Technology and Management etc., Open access system is followed in the library. All the library transactions are computerized & Bar coded.

The Central Library also has a collection of 1370 CDs\DVDs, 19 audio cassettes & subscribes 47 National and 18 International and 12 Print Journals and 11600+ e-Journals. The library is offering the following services:

Referral Service | Ready R\Referance Service | Reprography Service | Circulation | Email / Browsing / Internet | Online Public Access Catalogue (OPAC) Service

Our Library has Associated Membership with British Council Library, DELNET, MALIBNET-Chennai and IEEE.

### DIGITAL LIBRARY

MVIT Digital Library has added new collections, facets to our existing collections (e.g., Transcripts), and new features to make our materials easier to use and more broadly accessible.

Through digital collections, MVIT aims to provide access to high-quality digital content generated by the Libraries for research and study, as open as possible and support the teaching, learning and research needs.

### HIGHER QUALIFICATON

Mr.D.Lubin Balasubramanian. Asst.Professor / CSE has registered Ph.D., from the area of specialization "Optimization Techniques-Web Services".

Mr.M.Suresh. Asst.Proffesor / IT has registered Ph.D., from the area of specialization "Data Mining & Big Data".

Mr.K.Vijayakumar. Asst.Proffesor / IT has registered Ph.D., from the area of specialization "Big Data".

Mrs. G.Renuka Devi. Asst.Proffesor / EEE has submitted her thesis on the title "Performance Investigation of Multi-Phase Induction Motor Drives for High Power Applications".

Mr.S.Thillai Govindarajan. Asst.Professor / Chemistry has submitted his thesis on the title "Density Functional Theory Studies on Structural, Spectroscopic & Reactivity Aspects of Some Compounds".

### DEPARTMENT OF PHYSICAL EDUCATION

The Students participated in the Volley Ball Tournament held at VIT University from 4<sup>th</sup> to 7<sup>th</sup> Feb, 2016 and won the First prize with a cash award of Rs.16,000/-.

The Students participated in the National Level Cricket Tournament held at SASTRA University, from 10<sup>th</sup> to 14<sup>th</sup> Feb, 2016 and won the Second prize with a cash award of Rs 8,000/-

The Students participated in the Volley Ball Tournament held at VNR VJIET, Hyderabad on 26<sup>th</sup> & 27<sup>th</sup> Feb, 2016 and won the First prize with a cash award of Rs.15,000/-



The Students participated in the South Indian Inter Engineering Collegiate T-20 Cricket Tournament held at SR Engineering College, Warangal, Telangana from 4<sup>th</sup> to 12<sup>th</sup> January 2016 and won the First prize with a cash award of Rs.20,000/-.

# TRAINING AND PLACEMENT CELL



AAGNA CORPORATION



FORTH DIMENSIONS



SPAN TECHNOLOGIES



TECH MAHENDIRA



BIRLA SOFT



FORBRAIN



AQUA PURE



CSS CORP



MPHASIS



SUTHERLAND

## OUR PLACEMENT RECORD - 2016 BATCH

TATA CONSULTANCY SERVICES  
No. of Students Placed **91**

L&T Infotech	15	KAMA	01
accenture High performance. Delivered.	03	HGS	01
SUTHERLAND GLOBAL SERVICES	25	ison	03
Birlasoft	18	Tech Mahindra	06
A	51	Bussmann by E.T.N	10
aliceblue	17	Mphasis I look to the feet	01
OFS Optimizing Software	01	FACE	05
SPAN Software Solutions	03	Vertex SOLUTIONS	03
Pranas	01	AQUA PURE PLUS	10
Mindtree We never stop possible	01	TNQ	01
CSS CORP	08	FBT	10
TATA TATA COMMUNICATIONS	02	IDBI BANK	25
VENTURA Span all solutions, select best & reusable.	19	HCL HCL TALENTCARE	02



INTEGRA



HCL



IDBI



JOB FAIR 2016



VERTEX SOLUTIONS



TATA COMMUNICATION

Total Number of Students Placed Till Date...

**335**



**MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY**  
 (Approved by the AICTE, New Delhi and Affiliated to Pondicherry University)  
 Medical College Campus, Kalitheerthalkuppam, Puducherry- 605 107. Ph: 0413 2643007 / Website: www.mvit.edu.in

**22 JANUARY 2016**

**63<sup>rd</sup> Birth Anniversary**

செந்திரன் விநாயகர் அவர்களின் பிறந்த நாளை நினைவுகூர இயங்குபவர்கள் பங்களிப்புகள் மூலமாக நம்மில் இருந்துள்ள அனைத்து மாணவர்களின் கல்விக்காக சிறப்பாக சேவையாற்றி அவர்களை நன்றாக வளர்த்து கொடுப்பதில் உதவிக்கோம்!

நீங்கள் ஒன்று சேர்ந்து செயல்படுங்கள் அனைத்து மாணவர்களின் கல்விக்காக!

*Sir, Under your choicest of Blessings we are given opportunity to serve our society by*

Blood Donation Camp | Craft Work-"Art From Waste Material" (For First Year Students) | Tech Talk-"Digital India-2020" (For First Year Students)  
 Quiz Programme | 5 Minutes to Fame | Society Welfare Activities of "Shrisri" Foundation

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## 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 6<sup>th</sup> 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 6<sup>th</sup> 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 11<sup>th</sup> to 17<sup>th</sup> August 2016.

Mr. Sharath Kurupath & Mr. Puzhazhenth, Trainers, delivered a Motivational Speech on " School Life to College Life" on 11<sup>th</sup> & 12<sup>th</sup> August 2016.



The inauguration function of B.Tech First Year (9<sup>th</sup> batch) was organized on 10<sup>th</sup> 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 13<sup>th</sup> 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 21<sup>st</sup> September 2016.

The glimpses of events during the World Environment Day are as follow.



Dr. Baskaran, Yoga Master, conducted One hour Sahaja Yoga session to the First Year B. Tech students on 20<sup>th</sup> August 2016

Mr. Jegan, Motivational Speaker, conducted One Day Motivational Session on "Win Your Weakness" to the First Year B.Tech Students on 22<sup>nd</sup> September 2016.

A One Day Workshop on "Electronic device and circuits" was conducted by Mr. Raja for the First Year, B.Tech students on 23<sup>rd</sup> & 24<sup>th</sup> September 2016.

"Kallori Salai", a Cultural Programme was organized by Hello FM for the First Year B.Tech students on 24<sup>th</sup> September 2016.

The Department of Mathematics inaugurated "Maths Club (MIT - MAT)" on 30<sup>th</sup> September 2016. Mrs. Vasantha Kumari, Head, Dept., of Mathematics, Kanchimamunivar Centre for PG Studies, delivered a lecture on "Applications of Engineering Mathematics and Mr. Ramabathiran, retired Judge, gave a Motivational speech on "Maths", to the students on 30<sup>th</sup> September 2016.

## DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering Department was established in the Year 2012. The Department has established Manufacturing Process Lab, Dynamics of Machines, Material Testing & Metallurgy, Thermal Engineering, CNC Metrology and Measurement, CAD, CFD Labs at an investment of about Rs. 2 Crores. The Labs are equipped with world class Hi- Tech equipments and machineries to meet the latest Technological Innovation.

### Program Organized

The World Environment Day was celebrated in a grand manner by Manakula Vinayagar Institute of Technology on 8<sup>th</sup> July, 2016. Manakula Vinayagar Institute of Technology (MIT) - NSS wing along with The Institute of Engineers (India), Puducherry State Center conducted Environmental Awareness Programmes in Mangalam Constituency. The Chief Guests Dr. T. Sundararajan, Principal, Pondicherry Engineering College. Dr. R. Nakkeran, Chairman, IEL Puducherry State Center were the Chief Guests of the Programme. The Prominent personalities of Sri Manakula Vinayaga Educational Trust Shri M. Dhanasekaran, Chairman and Managing Director, Shri.S .V Sugumaran, Vice Chairman & MLA of Managalam Constituency & Dr. K. Narayanasamy, Secretary, presided over the function. Dr. S.Malarkkan, beloved Principal, Manakula Vinayagar Institute of Technology and Dr. B. Radjaram, Head, Mechanical Department graced the World Environment Day with various events.



The World Environmental Rally was lead by Mr. S.V. Sugumaran, MLA, Mangalam constituency and Vice Chairman of Sri Manakula Vinayagar Educational trust at Uruvaiyar.



Shri. S.V. Sugumaran, MLA, Mangalam Constituency & Vice Chairman of SMVE Trust and Dr. S. Malarkkan, Principal, Manakula Vinayagar Institute of Technology, donating Water Purifiers at Kezhiyagraram School, Mangalam.



Dr. S. Malarkkan, Principal, Manakula Vinayagar Institute of Technology along with Dr. B. Radjaram, Head, Mechanical Department, distributing the Prizes for the Drawing Competiton held at Mangalam School".



Tree Plantation by Dr. S. Malarkkan, Principal, Manakula Vinayagar Institute of Technology at Thiru Kanchi Temple, Mangalam.

## Department Activities



The Department conducted One Day Workshop on "Supply chain Management Practices" on 30<sup>th</sup> July 2016. The Chief Guest Dr. P. Shahabudeen, Professor, Dept. of Industrial Engineering, Anna University, Mr.R.Ganesan, General Manager, Axle India Ltd & Mr.M.Aravendan, Asso. Professor, Dept of Leather Design, NIFT, shared their views on "The Principles of Supply Chain Management, logistics & Transportation".



The Department celebrated Engineer's Day on 15<sup>th</sup> September 2016 at MVIT. Dr. R. Panneerselvam, Professor & Head, School of Management Studies, Pondichery University & Mr.R.Ganesan, Senior General Manager (Rtd), Axles India were the Chief Guests of the Programme.

## Student Activities



The National Design and Research Forum of Institution of Engineers (India), awarded Mr. J. Premkumar / Final Year a "Bronze Medal" in Mechanical Discipline in the 24<sup>th</sup> IEI Convocation and Technicians / Students' Convention Function held at Institution of Engineers, Pune, on 23<sup>rd</sup> October 2016.

The Final Year students Mr. Vignesh and Mr. S. Divakar participated in Paper presentation & Mech Mesh events organized by Kings College of Engineering, Thanjavur and won 1<sup>st</sup> and 2<sup>nd</sup> prize respectively.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

This Department was established in the year 2008 focusing the Communication Engineering needs of the modern society. Adequate Emphasis is also given to electronic design using most modern technology. Emphasis is also given to the digital processing of information for efficient communication. Utmost care is taken in the perspective of imparting more practical knowledge to the students' community in the field of Electronics and Communication.

## Staff Activities

Mr.S.Arunmozhi, Asso.Prof., participated in the Workshop on "Signal Processing for Cooperative Diversity Wireless Network" at TCE Madurai from 12<sup>th</sup> to 14<sup>th</sup> May 2016.

Mrs. D.Saraswathi and Ms. B.Lakshmi Priya, Asst. Profs., participated in a Two Days Hands-on Training Programme on "Artificial Neural Networks (ANN), Fuzzy Logic and Evolutionary Computing using MATLAB" conducted by Scientific Computing Solutions at Puducherry from 13<sup>th</sup> to 14<sup>th</sup> May 2016.

Mr.S.Arunmozhi, Asso. Prof., participated in a Three Days Workshop on "Coopertaive 4G/5G MIMO Wireless Communications" at IIT Kanpur from 27<sup>th</sup> to 29<sup>th</sup> May 2016.

Mr. V.Surender, Asst. Prof., attended DST-SERB sponsored Two Days Workshop on " Opportunities and Challenges in Industrial Automation using PLC and SCADA" at Sri Manakula Vinayagar Engineering College on 25<sup>th</sup> and 26<sup>th</sup> April 2016.

Mrs.D.Saraswathi, Asst. Prof., participated in a Faculty Development Programme on "Recent Trends in Signal and Image Processing" at PSG College of Technology, Coimbatore from 6<sup>th</sup> to 12<sup>th</sup> June 2016.

Mrs.B.LakshmiPriya, Asst. Prof., attended an STTP on "Biosignal Processing for Telemedicine Applications" at Pondicherry Engineering College, Puducherry from 27<sup>th</sup> June to 2<sup>nd</sup> July 2016.

Mrs.D.Saraswathi and Mrs.B.LakshmiPriya, Asst. Profs., conducted a Two Days Handson - Programme on "MATLAB for Image Processing" for the Final Year students on 29<sup>th</sup> and 30<sup>th</sup> July 2016 by.

Mr.S.Arunmozhi, Asso. Prof., participated in a Three Days workshop on "Mathematical Tools for Signal and Image Processing" on 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> July 2016 at VIT, Vellore.

Mrs. B. LakshmiPriya & Mrs.D.Saraswathi, Asst. Profs., conducted a Two Days Workshop "Digital Image processing" for Internal and External Participants at simulation lab on 29<sup>th</sup> July 2016.

A Two Day Workshop on "Ardiuno" was arranged by Mr V. Rajesh, Asst. Prof., for the Third Year students on 27<sup>th</sup> and 29<sup>th</sup> July 2016.

Ms.B. LakshmiPriya, Asst. Prof., attended Technical Skills Programme on "Surgical Simulator for Engineers conducted by department of Surgical Gastroenterology, JIPMER at JIPMER on 20<sup>th</sup> August 2016.

Ms.B. LakshmiPriya, Asst. Prof., presented a paper on "An Effective Liver Cancer Diagnosis Technique Through Multi - Temporal Fusion and Decorrelation Stretching" in IEEE International Conference on Advances in Computational Intelligence in Communication (CIC 2016) at Pondicherry Engineering College, Pondicherry on 19<sup>th</sup> & 20<sup>th</sup> October 2016.

Ms.D. Saraswathy, Asst. Prof., presented a paper on "Detection of Microcalcifications in Digital Mammograms using Fuzzy Euler Graph Segmentation Method" in IEEE International Conference on Advances in Computational Intelligence in Communication (CIC 2016) at Pondicherry Engineering College, Pondicherry, on 19<sup>th</sup> & 20<sup>th</sup> October 2016.

Mr.G.Idayachandran, Asst. Prof., conducted a One Day workshop on "Xilinx" for the third year students by on 20<sup>th</sup> August 2016.

### Department Activities

The Department organized a Guest lecture on "Project guidance in Robotics" by Mr.Balachander, Institute of Cyber Mech Robotics. for Final Year students on 26<sup>th</sup> July 2016.

The Guest lecture on "Cyber Security" by Mr.Sriram, CEO, Secure Engine, Pondicherry was arranged for the Second and the Third Year student on 11<sup>th</sup> July 2016.

FOSS workshop on " C and C++ " was conducted for Third Year students on 23<sup>rd</sup> July 2016.



The Workshop on "Arduino" was conducted for the Third Year students on 27<sup>th</sup> and 28<sup>th</sup> July 2016.

The Guest lecture on "PCB DESIGN & ARM PROCESSOR" by Mr. G.Kannan, CEO, Exhibit Electronics, Chengalpet, Tamilnadu, was organized for the Third Year students on 27<sup>th</sup> August 2016.

A Guest lecture on "Industrial Automation" was conducted for the Third Year students on 6<sup>th</sup> August 2016.

A Workshop on "LT SPICE" was conducted for the Second Year Students on 13<sup>th</sup> August 2016.

The Poster presentation contest on Application of Electronics" and "Advanced Microprocessor, was conducted on 18<sup>th</sup> August 2016.



Mr. Mr.SelvaKumar, Security Specialist, AXA technologies, Bangalore, delivering a Guest Lecture on "Ethical Hacking" to the Third Year students on 12<sup>th</sup> August 2016.

A Workshop on "Medical Electronics" was arranged for Final Year students on 11<sup>th</sup> August 2016. The resource person was Mr.Shribalaji Kumaran, Biomedical Engineer, JIPMER medical equipment Sector.

A Two Days Hands on - Programme on "MATLAB for Image Processing" was conducted for the Final Year students on 29<sup>th</sup> and 30<sup>th</sup> July 2016

### Student Activities



The Final Year Students Mr. K. Baranichandran and Mr. Periyamohan Kumar, secured the Fourth Place in TCS Testimony competition.

Mr. G.Nandha, Mr.P.S.Harikumar, Mr.V.Gokularaman, Mr. M.Sitharth, Ms. Uma Maheswari and Ms. Souriya of Final Year conducted a Workshop on "Aurdino" for the Third Year students on 27<sup>th</sup> & 29<sup>th</sup> July 2016.

Mr. A.Nadeesh of Third Year, won the Cash Prize of Rs. 2000/- in Photography event conducted at JIPMER and PIMS.

Mr. A.Cyril Antony of Third Year, won the Cash Award of Rs. 750/- in Ardiuno Expo conducted at Manakula Vinayagar Institute of Technology.

Mr. A. Cyril Antony and his team from Third Year, developed Quad Copter and demonstrated during the remembrance function of Dr.A.P.J.ABDUL KALAM.

Mr. A.Cyril Antony from Third Year, won 1st prize in Technical Quiz conducted at CK College of Engineering.

The Final Year Student Ms. Rathi student was selected in one among the top 10 finalist of YOUTHTALK 2016.



The Poster presentation contest on Application of Electronics" and "Advanced Microprocessor was held at MVIT, on 18<sup>th</sup> August 2016

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Computer Science and Engineering department was started with an intake of 60 students in 2008. The sanctioned intake was increased to 120 seats in 2010. M.Tech - CSE (PG) Degree programme was started with an intake of 18 students in 2012. The Department of Computer Science and Engineering has been continuously making progress in Teaching and R & D activities. The Department focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of moulding tomorrow's technocrats with high caliber and commitment. The Department is well equipped with 400 Computer Systems with latest configuration and also has a separate Department Library with Latest Titles, Editions, Journals, and Magazines.

### Staff Activities

Mr. P. Sathiyarayanan, Asst. Prof., attended the Workshop on "IPR Awareness and Research Methodology" at Karpaga Vinayaga College of Engineering and Technology, Mathurantham on 27<sup>th</sup> & 28<sup>th</sup> June 2016.

Mr.S.Jayamoorthy, and Mr. S. Ashok Kumar, Asst. Profs., attended Three Days Faculty Development Programme on "Data Center Virtualization Fundamentals" at Sona College of Engineering, Salem from 30<sup>th</sup> May to 1<sup>st</sup> June 2016.

Dr.N. Poonguzhali, Asso.Prof., and Mr. S. Jayamoorthy, Asst. Prof., attended Two Days Workshop on "Mobile Application Development" conducted by Mr. Shanmuganathan from ICTACT at MVIT - IT Computer Center on 29<sup>th</sup> June 2016.

Dr.N. Poonguzhali, Asso. Prof., conducted a One Day Workshop on "LATEX Software" for CSE, IT and Mathematics faculty members at MVIT, IT Computer Center on 21<sup>st</sup> June 2016.

Dr.N.Poonguzhali, Asso. Prof., & Mr.R.Rajbharath Asst. Prof., attended a One Day Workshop on "CII - Women Harrasment" at Hotel Athithi, Puducherry on 14<sup>th</sup> July 2016.

Dr.N.Poonguzhali, Asso. Prof., and Mr. S.Jayamoorthy, Asst. Prof., organized Science Quiz Competition- Dr. APJ. AbdulKalam, First Memorial Day for the Second and Third Year students on 27<sup>th</sup> July 2016.

Dr. Alagumurthi, Professor, Dept. of Mechanical Engineering, Pondicherry Engineering College, conducted One Day Workshop on "NBA Guidelines" for all faculty members at MVIT, on 04<sup>th</sup> June 2016.

Mr.Sriram, CEO, Secure Engine, conducted a One Day Workshop on "Information Security and Ethical Hacking" for the Third Year students on 12<sup>th</sup> July 2016.



Mr.M.Prasad, Research Scholar, Pondicherry Engineering College, conducted One Day Workshop on "NETWORK SIMULATOR - 2" for the Second Year students on 2<sup>nd</sup> July 2016



Mr.Arun Prasath, Alumni, (Batch: 2012-2016) has delivered a Guest Lecture on "Python-Programming Language" to the Third Year CSE and IT students on 26<sup>th</sup> July 2016.



Dr. K. Parthasarthy, Professor, Dept. of EEE, KLN College of Engineering, Madurai., has conducted One Day Workshop on "How to Prepare Proposals and apply for Funding for all faculty members at MVIT, on 3<sup>rd</sup> June 2016.



Mr.J.Venkatesan Prabhu Chief Technology Officer, KaaShiv InfoTech, Anna Nagar, Chennai conducted One Day Workshop on "Workshop on Ethical Hacking" for the Second and Third Year students, on 31<sup>st</sup> July 2016.

Mr.Bala, GATE Forum, Chennai, delivered a Guest Lecture on "GATE Forum III" to the Third Year students on 4<sup>th</sup> July 2016.



Mrs.E.Kavitha, HOD/CSE, Anna University College of Engineering, Villupuram, delivered a Guest Lecture on "Advanced Data Structures and its Applications" to the Second and the Third Year students on 6<sup>th</sup> August 2016.



Mr. Monish.S and Mr. Lokesh.P of Second Year, secured Runner up Place and awarded with a Cash Prize of Rs.3000/- at Final round of Codevug contest at SMVEC on 22<sup>nd</sup> August 2016.

The Department arranged Industrial Visit to M/s CITS company, Vadapalani" & "M/s UNIQ Technologies, T.Nagar, Chennai" for the Second Year students on 13<sup>th</sup> August 2016.



Electronics Raja, Cuddalore, delivered a Guest Lecture on "EDC & DSD related work models" to the Second Year students on 30<sup>th</sup> August 2016.



The Third Year students went to an Industrial Visit to "M/s visited Spiro Solutions Pvt. Ltd", T.Nagar, Chennai, on 13<sup>th</sup> August 2016.



Mr. Gnanamani, Manager/HR, Fourth Dimension Technologies PVT Ltd, Saidapet, Chennai, signed MOU on 26<sup>th</sup> August 2016.

### Student Activities

Ms.R.Reshma, Ms.Swathi vinod, Mr.S. Aravind kumar, Mr.P.Arun from Second Year A Section and Mr.T. Rajakamalam, Ms.S. Uma, Mr. S. Vigneshwaran, Mr.S. Aswinkumar from Second Year B Section, attended One Day Workshop on "Android Application Development" at Pondicherry University in association with IEEE-Product Safety Engineering Society & IEEE - Information Theory Society(Madras Chapter) in connection with JP INFORTECH on 20<sup>th</sup> August 2016.

## DEPARTMENT OF INFORMATION TECHNOLOGY

### 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

### Staff Activities

Ms. A. Punitha and Mrs. J. Prabavathi, Asst., Profs., participated in Two Days Faculty Development Programme on "Programming in C++" organized by ICTCAT Academy at Panimalar Institute of Technology, Chennai from 2<sup>nd</sup> & 3<sup>rd</sup> June 2016.

The Department Faculty members attended 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 4<sup>th</sup> June 2016.

The Faculty members attended a Three Days Faculty Development Programme on "Programming in PHP" by Mr. Sankar, Mailam Engineering College, at MIT, Puducherry from 15<sup>th</sup> June to 17<sup>th</sup> June 2016.

Dr.P.Sivakumar, Asso. Prof., & Head of the Dept., Mr. Mathivanan, Mr.M.Suresh, Asst. Profs., attended Two Days Workshop on "Mobile Application development", presented by S. Shanmughavel, Manager, Training and Development, ICT Academy of Tamil Nadu at MIT, Puducherry from 29<sup>th</sup> & 30<sup>th</sup> June 2016.

Mr.P.Mathivanan, Mr.M.Suresh and Mr.K.Vijayakumar Asst. Profs., attended a One Day Workshop on "Ethical Hacking" organized by Microsoft Research Community Group, Chennai on 31<sup>st</sup> July 2016.

Mrs. J.Prabavathi & Ms. A. Punitha Asst. Profs., have successfully completed an Online Certification on a course of study offered by W3Cx, an online learning initiative of World Wide Web Consortium through edX, issued on 1<sup>st</sup> June 2016.

#### Department Activities



The Department organized "Arduino Project Contest -2016" on 26<sup>th</sup> 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 29<sup>th</sup> & 30<sup>th</sup> June 2016. Totally 32 faculty members from in and around of Puducherry and Tamilnadu Engineering Colleges had participated.

Mr. Raj Mohan, Central Manager of Dream Zone, Pondicherry delivered a Guest Lecture on "Web and Graphics Design" on 8<sup>th</sup> July 2016.

Mr. Datchanamoorthy, Master, NLP Practioner, Rumination Life Academy, and Chennai, delivered a Guest Lecture on "Communication and Skill Development" to the Second and Third Year Students on 9<sup>th</sup> July 2016.

The Guest lecture on "Ethical Hacking" by Mr. Sriram, CEO, Secure Systems, Puducherry was organized by the Department for the Third Year Students on 13<sup>th</sup> July 2016.



Mr. Bennet Jay Ragland, Regional Manager, Voice, Training and Research Institute, Madurai, delivered a Seminar on "Importance of Communication in Career Development" to Third Year Students

Ms.Priya, Trainer, Kalvi Training and Research Institute, Chennai, delivered the Guest Lecture on "Awareness program on Big Data" to the Third Year students.

The Second Year students attended a Guest Lecture on "keep IT up" on 23<sup>rd</sup> July 2016. The lecture was conducted by Dr. Sairam Sundaram, Lecturer in Chemistry Dept, Women's Polytechnic College, Pondicherry



Mr. K. Premkumar, Mr. P.Mathivanan, Asst. Profs., and Mr. G.Karthick, Branch Manager, Kalvi Institute, Puducherry conducted an Internal Workshop on "Arduino Based Application" for the Second Year students.

On account of 70<sup>th</sup> Independence Day celebration, Smart Association of Information technology (SAIT) conducted various events such as Photography Contest, Drawing Competition, Recycling (handicrafts) on 6<sup>th</sup> August 2016.

The Third Year students attended a guest lecture on "Context Free Language And Pushdown Automata" by Dr.S. Lakshmanapandian, Asso. Prof., Department of Computer Science and Engineering, Pondicherry Engineering College on 23<sup>rd</sup> August 2016.

A workshop on "Programming in PHP", was conducted by Mr.Sankar, Project Manager, Mailam Engineering College, Mailam from 15<sup>th</sup> June to 17<sup>th</sup> June 2016.



### Students Activities

Ten students from Third and Final Year participated in "All India Student Design Award Design Competition-2016" organized by National Design and Research Foundation on 25<sup>th</sup> July 2016.

Sixty students of Third and Final Year participated in "TCS Contest -Round 1" organized by Tata Consultancy Service on 29<sup>th</sup> July 2016.

Three students of Third Year and Eight students from Final Year participated in first round of "ICTACT Youth Talk 2016-Round 1" organized by ICTACT Puducherry at MIT, Puducherry on 8<sup>th</sup> August 2016.

Eighteen students of Final Year participated in first round of "TCS Testimonial Contest" on 29<sup>th</sup> July 2016, out of which the students Ms.Aruna & Ms.R, Divyabharathi.S have cleared the first round and Participated in second round and placed in top 100<sup>th</sup> Position, organized by Tata Consultancy Service on 5<sup>th</sup> July 2016.

The Final Year students Ms. Aruna. R, Ms. Dharanidharan. V, Ms. Divyabharathi. Mr.S, Ilanchezian. Ms. D, Indumathy. Mr.R, Iyyappan.S, Ms. ShabanaYasmin.J, Ms. Tamizhamala. Mr. M, Vetrivendhan & Ms. T, Valli cleared the first round "TCS Code vita Contest" and participated in second round, organized by Tata Consultancy Service on 19<sup>th</sup> August 2016

Ms. Indhira Priyadharshini and Ms.Mithra have participated and won Second prize in Arduino Project Contest 2016 on the topic "Food Detector" on 26<sup>th</sup> August 2016.

Third year students, had undergone the In-plant Training at NextGen IT Solutions, Puducherry on 14<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup> August 2016.

Ms. A.Aruna, Ms. R.Thenmozhi, Ms. N.Sangeetha, Ms. M. Monica, Ms. V.Dharanidharan, Mr. S.Iyyappan, Mr. K. Vadivelan, Mr. T.Vetrivendan have successfully completed an Online Certification Exam on Oracle Certified Professional Java SE6 Programmer, recognized by oracle corporation as an oracle certified professional, during the month of July 2016.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department was started in the year 2008 with an objective of creating a leader in engineering education and research with the application of knowledge for uplifting the society globally. Initially, the Department was started with an intake of 60 students and later it was increased to 120 students in the year 2011. The Department inaugurated IEEE students chapter in the year 2012. The faculty members are consistently doing well in teaching and research activities. The Department has well established and equipped laboratories like Electrical Machines Lab, Power Electronics Lab, Power System Simulation Lab, Microprocessor Lab & Measurements and Instrumentation Lab with equipment cost of Rs. 65 Lakhs.

The Department provides exposure to the students with hands-on experience on various Electrical Engineering subjects to face the challenges of the modern corporate world and to mould them as responsible citizens of the country with a willingness to serve the society.

The Department established internal Library with 300 titles and IEEE volumes for the welfare of the Faculty members and students

### Staff Activities

Dr.R.Valli, Asso. Prof., & Head, and Mr. P.L. Santhanakrishnan, Asst. Prof., participated in "Schneider-electric - Momentum 2016" program on 20<sup>th</sup> July 2016

Dr.G.Renuka Devi, Asso.Prof., published a paper entitled "Experimental Investigation of Indirect Field Oriented Control of FPGA based Five-Phase Induction Motor Drive," in World Academy of Science, Engineering and Technology (Accepted for Publications, Impact Factor-2.5).

Dr. K. Sedhuraman and Dr. G. Renuka Devi, attended a Two Days workshop entitled "IPR awareness and research methodologies" held at Karpaga Vinayaga College of Engineering and Technology on 27<sup>th</sup> and 28<sup>th</sup> May 2016.

Dr. G. Renuka Devi, attended a Two Days workshop entitled "Basics of Solar PV System and Components" held at Anna University, Chennai on 3<sup>rd</sup> and 4<sup>th</sup> June 2016.

### Department Activities



Mr.S.Kannan, Chief Manager-Technical, Greenenergy Solar Solutions, as a part of institute-Industry interaction had a discussion with the Department faculty Members on Renewable Energy related Projectsprogram on 23<sup>rd</sup> June 2016



The Department organized a Workshop on "INTRODUCTION AND HANDS ON TRAINING ON MATLAB" for the Final Year students on 1<sup>st</sup> July 2016



Mr. Balamurugan, Regional Manager, Gate Forum, and Chennai.T. Janarthanan, Assistant Manager – Marketing, Gate Forum, Chennai, delivered a Guest Lecture on "Scope of GATE, IES and PSU JOBS" to the Third Year students on 4<sup>th</sup> July 2016.



The Second Year students went to an industrial visit to "M/s Ennore Thermal Power Station" on 5<sup>th</sup> July 2016.



Mr. A.Sivaraman, Asst.executive engg, delivered guest lecture on titled "CAREER OPPORTUNITIES FOR ELECTRICAL ENGINEERS" to the Second Year students on 18<sup>th</sup> July 2016.



An Expert Lecture on "Solar Photovoltaic Technologies & its Thrust areas" by Mr. Rajaganesan, Director – VATIO Energy India Private Limited, Chennai on 23<sup>rd</sup> July 2016.

The Department organized Value Added Course on "C and C++" by the trainers of St. Patric Software Solutions, Puducherry, for the Third Year students from 27<sup>th</sup> June to 8<sup>th</sup> July 2016.



Mr. R.Samivel, Sr.Design Executive from L & T, Chennai, delivered Guest lecture on "INDUSTRIAL AUTOMATION" on 30<sup>th</sup> July 2016



The Third Year students went to an Industrial Visit at "M/s NLC Thermal Power Station" on 1<sup>st</sup> August 2016.



Mr. P.SathishRaj, R & D Head, Reeshoo E-Systems, Chennai, delivered a Guest lecture "Sensor Interfacing and Wireless communication with Microcontroller" to the Second Year students on 22<sup>nd</sup> August 2016

Mr.S. Baskar from PLCC center delivered the guest lecture on "PLC PROGRAMMING AND INDUSTRIAL AUTOMATION" to the Second Year students on 25<sup>th</sup> August 2016.

Mr.Dhakshanamurthy, ICTACT, Puducherry, conducted a "Spoken English Training" for the Final Year students on 8<sup>th</sup> August 2016.

The SEED Orientation Workshop was conducted for the Third Year students on 8<sup>th</sup> August 2016.

#### Student Activities

Mr. Usha Kiran from Third Year, presented the paper on the topic titled "MY INDIA" in ICT YOUTH TALK-Preliminary competition on 27<sup>th</sup> July 2016

Mr.Elanchetchenni & M.Tamilselvan of Third Year, were selected for "ICT Youth Present-Top 10 Students" and participated in "ICT Digital Youth Summit 2016" held at Kamban Kalai Arangam, Puducherry.

## DEPARTMENT OF MANAGEMENT STUDIES

### About the Department

The MBA Department was established in the academic year 2009-10 with the intake of 60 students. Over a short period of time, the Department has acquired and developed adequate infrastructure, expertise and resources to excel in imparting Management Education. MVIT' MBA program insists on advanced and universal teaching methods and tools for an effective renovation of knowledge.

The Department has a team of dedicated faculty members who are highly qualified, specialized and possessing rich practical experience in management education. They avail continuous training in their subjects to ensure learning, research skills, and are strongly encouraged to connect with industry. The publications of faculty members have appeared both in International and National Journals. Regular participation in the Conferences and Short-Term training programs for faculty and students are highly motivated.

The Department offers dual specialization courses, viz. Marketing, Finance and Human Resource Management. The Department thrives to produce University ranks every year in the Pondicherry University Examinations.

### Staff Activities

Dr. R.V. Pazhani, Prof., & Head, published a paper entitled "An Applicability of Activity Based Costing (ABC) System in Higher Education Institutions - Opportunities and Challenges" in Association of Indian Universities - A weekly Journal of Higher Education, Vol 53, Issue, No 39, pp 14-18, June 9-14, 2016. ISSN-0566-2257

Ms. G.Agalya & Ms. K.Kalaivani, Asst. Profs., presented the paper on "Significant trends in Management" at Shri Kshatriya College of Engineering, Nizamabad, on 30<sup>th</sup> June 2016.

Ms. G. Agalya & Ms. K. Kalaivani, Asst. Profs., presented the papers on "Emerging Technology Innovation in Science & Management", in the SERB sponsored Two Days National Conference at CK College of Engineering & Technology, Cuddalore on 24<sup>th</sup> August 2016.

Ms. G. Agalya & Ms. K. Kalaivani, Asst. Profs., presented the papers on "Matrix Management" in the National Conference conducted at Sri Krishna Arts & Science College, Coimbatore, on 23<sup>rd</sup> September 2016.

Ms. G. Agalya, Asst. Prof., published a paper entitled "A Study on Employees Attitude towards HR Branding Process at Software Industries in Puducherry Region" in the Indian Journal of Applied Research, Volume 6, Issue 7, July 2016- ISSN - 2249555X.

Mr. Baig Mansur Ibrahim, Asst. Prof., participated in the National Conference on "Management Education & Ethics" at Shri Jain College, Chennai on 21<sup>st</sup> August 2016.

### Department Activities



The Department organized an Industrial Visit to M/s SRF Ltd., Chennai, for the Second Year Students on 19<sup>th</sup> August 2016.

The Department arranged a Guest Lecture on "Investment Awareness of Tax Savings Programme" by Mr. N. Krishnan, Senior Analyst, GNP Paribas for the Second Year students on 19<sup>th</sup> September 2016.



The Department arranged a "Ten Days Soft Skills Training Programme" for the Final Year students from 3<sup>rd</sup> to 4<sup>th</sup> October and from 13<sup>th</sup> to 21<sup>st</sup> October 2016.

### Students Activities

On Account of Founders Fifth Remembrance Day, Ms. J. Diksha Jan & Ms. V. Darshini Andral of Second Year, presented the Concept of "MVIT SHIKESTHU-Standardization and Sequential Usage of Electricity in the Institute" on 6<sup>th</sup> September 2016.

Mr. M. Nantha Kumar, Mr. T. Vendhan & Mr. Jayavelu published a Paper titled "Retail Marketing in the present Scenario" in the National Conference held at Shri Krishna College of Arts Science, Coimbatore on 23<sup>rd</sup> September 2016.

Ms.J. Diksha Jain & Ms. V. Darshini Andral of Second Year, secured the Second Place in the National Conference held at IFET College of Engineering, Villupuram on 24<sup>th</sup> September 2016.

The Team of Second Year students participated in the various Management Events such as Business Quiz, Stock War, & Business Plan, organized by SSN College, Chennai, on 6<sup>th</sup> October 2016.

The Second Year students attended a Motivational Talk on "Stands for Competition" by Mr. Mannathan, Founder, Manatec Ltd., at Hotel Adithi, Puducherry on 14<sup>th</sup> October

## EDP CELL



The First year and the Final Year students of MBA, participated in the Regional Conference of Entrepreneurship Development Programme on "Scaling up to Stay Relevant", organized by Confederation of Indian Industry (CII), at Hotel Taj Coromandel, Chennai on 21<sup>st</sup> October 2016.

The Final Year students / MBA, attended an Entrepreneurship Development Programme, organized by Madras Management Association on "7E's of Entrepreneurship" by Mr. Pattabi Raman Yaganathan & Mr. Ram, Chattered Accountants, Chennai, on 7<sup>th</sup> April 2016.

The Final Year Students/MBA, attended an Entrepreneurship Development Programme on "Start up Puducherry", held at Sri Manakula Vinayagar Engineering College, Puducherry on 22<sup>nd</sup> October 2016.

## RESEARCH AND DEVELOPMENT CELL



The R & D Cell organized One Day Workshop for the Faculty Members on "How to Prepare and Apply for Funding Proposals" by Dr.S.Parthasarathy, Professor & Head, Dept of EEE, Chief Coordinator/Industry Institute Partnership Cell (IIPC), KLN Engineering College, Madurai on 3<sup>rd</sup> June 2016.

## LIBRARY

The College Central library has a collection of 18433 books, in different subjects like, Basic Sciences, Engineering & Technology and Management etc., Open access system is followed in the library. All the library transactions are computerized & Bar coded.

The Central Library also has a collection of 1370 CDs\DVDs, 19 audio cassettes & subscribes 47 National and 18 International and 12 Print Journals and 11600+ e-Journals. The library is offering the following services:

Referral Service | Ready Reference Service | Reprography Service | Circulation | Email / Browsing / Internet | Online Public Access Catalogue (OPAC) Service. Our Library has Associated Membership with British Council Library, DELNET, MALIBNET-Chennai and IEEE.

## DIGITAL LIBRARY

MVIT Digital Library has added new collections, facets to our existing collections (e.g., Transcripts), and new features to make our materials easier to use and more broadly accessible.

Through digital collections, MVIT aims to provide access to high-quality digital content generated by the Libraries for research and study, as open as possible and support the teaching, learning and research needs.

## DEPARTMENT OF PHYSICAL EDUCATION



The team of Third Year students/ECE, won First Prize in "Open State Championship Handball" at PS. Palayam Government Higher Secondary School.

Mr. S.Sivaprasanth of Final Year /ECE, won "BROZE Medal" in "National Kick boxing Championship 2016" in Kerala organized by Keranadu Association of Kickboxing Organizations (KAKO).

Mr. Chandrapratheepan and Mr. Masook Ahamed of Third Year/ECE, won a Cash Award of Rs.20,000/- in South India Inter Engineering College Cricket Tournament conducted at SR Engineering College, Hyderabad.



Mr. R. Prithiviraj and Mr.S. Navaneeth Kumar of Second Year/Mech, won Bronze Medal in "IAKO National kick boxing championship" held at Rajiv Gandhi Indoor Stadium, Kochi, Kerala from 22<sup>nd</sup> to 28<sup>th</sup> August 2016.

## IQAC Cell

A Orientation programme on "Communication skills, knowledge and attributes" was conducted by IQAC Cell of the Institution from 17<sup>th</sup> October 2016 to 22<sup>nd</sup> October 2016 for all the faculty members.

A Orientation programme on "Innovation and IPR" was conducted by IQAC Cell of the Institution from 17<sup>th</sup> April 2017 to 22<sup>nd</sup> April 2017 for all the faculty members.



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Puducherry - 605 107, Ph:0413-2643007, Website:www.mvit.edu.in

Our Management, Principal and Staff members Congratulate all the final year Placed Students (2013-2017 Batch)

## Congratulations!



**06 SEPTEMBER 2016**

**MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE and Affiliated to Pondicherry University)  
Medical College Campus, Kuththanthakuppam, Puducherry - 605017.

**5<sup>th</sup> Founder's Remembrance Day**

மாண்புமிகு தலைவர்மூலமாக அனைத்து தி.நி. அங்கம் மாற்றுவதும் புத்தகவாரத்தில் கல்விமயத்தும் திருவிளையாடல் மற்றும் கைத்தொழில் நிகழ்ச்சிகள் ஆய்வகங்கள், அறிவகங்களில் சிறியவை மற்றும் பாடகவாரத்தில் நினைவுநாள் நடைபெறும்.

விருந்தினர்: ஓட்டை அமைப்பது போன்ற காரணம் காரணமாக வழங்கப்படும்!!

விருந்தினர்: ஓட்டை அமைப்பது போன்ற காரணம் காரணமாக வழங்கப்படும்!!

**Shri. N. KESAVAN**  
Founder Chairman  
SMVE Trust

- Awards "Shri Kesavan Vaidya Pariksha Yojana" (Scholarship Scheme) to all the Department Students.
- Blood Donation Camp
- Tree Plantation
- Poster Presentation on the topic "HEALTH TIPS"
- Drawing Competition and Tamil Recitation on INDIA 2020 at schools
- Medical Awareness Programms

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