# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

*(A Unit of Sri Manakula Vinayagar Group of Educational Institutions)*

**Kalitheerthalkuppam, Puducherry - 605107, Ph:0413-2643007, Fax: 2643008.**

website : www.mvit.edu.in, email : contactus@mvit.edu.in

*Greeting from*
*Department of Computer Science and Engineering*

# CAPTCHA

## C S E   N E W S L E T T E R



**Our Final Year Student Ms. R. Shiyamili, Final CSE has won Second Place in All India TechGig Codewizards, Coding Competitions held at NIIT, Noida, New Delhi on 25-11-2016 and won Prize amount of Rs. 75,000/-**

**Educate ~ Empower ~ Excel**

**INTRODUCTION**

It is with immense pleasure and proud, we are releasing the Third Issue of our department newsletter. This newsletter serves as a better forum and platform for showcasing the talents and achievements of both faculty and students. It carries the daily activities, news and important updates of the department. We assure you that this newsletter will be a new of its kind which portrays the growth of the CSE department in various fields.

## ABOUT THE DEPARTMENT

The Department was started with an intake of 60 students in 2008; the sanctioned intake was increased to 120 seats in 2010. 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 molding tomorrow's technocrats with high caliber and commitment.

The Department is well equipped with 180 Computer Systems with latest configuration and also has a separate Department Library with Latest Titles, Editions, Journals, Magazines and also connected with Internet Facility. The Department organizes Seminars, Workshops and Guest lectures to enhance the Technical Skills of the students, so that they can face global competition. The Department has entered into an MoU with IBM NIIT, CMC, Bllue Lotus, RIPE, Innovative Services for software training and Faculty Development Programmes, besides R&D activities.

The Students of the Department have brought out quite number of innovative projects such as Biometrics, MANET etc. The software team of the Department has made laudable contribution by developing software for campus management, attendance help line and on-line test. Many of the students are well placed in leading software companies such as TCS, Infosys, WIPRO, etc.

In CSE Department, Post Graduate M.Tech Programme has been started from the year 2012 with an intake of 18 Students. In our first batch M.Tech Programme, all the 18 Students have been passed in all the Subjects and they have produced 100 % results. In CSE Department, a Department Internal Library is also functioning with 150 titles.

### Institute Vision Mission

**Vision**

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

**Mission**

- **IM1:** To provide in depth knowledge in fundamentals to students to improve their learning and analytical skills.
- **IM2:** To provide our students with the most progressive, relevant and well-rounded academic programs, supporting their learning through advanced and extensive resource.
- **IM3:** To promote interaction with industries and other institutes of higher learning to equip our students to face the challenges on real time problems.
- **IM4:** To develop the overall personality of the students to mould them into a good citizen with integrity and morality.

## Department Vision and Mission

- **VISION**

- To impart knowledge with latest technological advancement in the field of Computer Science and Engineering and transform the learners into global contributors as Innovators, Entrepreneurs and Researchers.

- **MISSION**

- Department of Computer Science and Engineering is committed

- **Higher Order Thinking**: To impart strong fundamental concepts, analytical and problem solving ability to hone their professional skills.

- **Continuous Learning:** To create an excellent conducive atmosphere for student learning and continuous updation of their knowledge on technology.

- **Entrepreneurship**: To imbibe the spirit of leadership skills to be an active entrepreneur in society with moral values.

- **Competency:** To enhance the creativity in research and to develop the competency of the students in Technological field.

### PROGRAMME EDUCATIONAL OBJECTIVES

- Graduates of Computer Science and Engineering will

- PEO1: **Employability:** Our Graduates shall be suitably employed in allied industries/services with professional competency and knowledge of modern tools..

- PEO2: **Higher Education**: Our Graduates shall be capable to pursue higher studies/research in the field of engineering and management.

- PEO3: **Entrepreneurship:** Our Graduates shall be prepared for a successful career by meeting ever increasing demands required by Computer Science and Engineering profession and enable them to become an entrepreneur.

- PEO4: **Ethical**: Our Graduates cultivate professional and ethical attitudes with effective communication skills, team work and multidisciplinary approach related to engineering issues.

## HIGHER EDUCATION

| S. No. | Name of the Faculty | Specialization / Thesis Title | University & Date of Completion | Status |
|---|---|---|---|---|
| 1 | Dr.S.Pariselvam Assoc. Professor | "Adaptive Service Discovery Mechanism Analysis for Mitigating Malicious Nodes in MANETs" | Anna University April, 2015. | Ph.D completed |
| 2. | Dr. N. Palanivel Assoc. Professor | "Texture Characterization, Representation, Description and Classification Based on Gaussian Markov Random Filed Model with Bayesian Approach" | Manonmaniam Sundaranar University June 2016 | Ph.D completed |
| 3 | Mr.R.Raj Bharath Asst. Professor | "Image Processing". | Rayalaseema University | Pursuing |
| 4. | Mr.D.Lubin Balasubramanian Asst. Professor | Optimization Techniques-Web Services". | Pondicherry University | Pursuing |
| 5. | Mr.P. Sathiyanarayanan. Asst.Professor | "Networking". | Pondicherry University | Pursuing |

## FACULTY ATTENDED WORKSHOPS, SEMINARS, INTERNATIONAL CONFERENCE AND FACULTY DEVELOPMENT PROGRAMMS
## WORKSHOPS – CONDUCTED

| Sl. No. | Name of the Faculty | Topic | Participants | Date & Day |
|---|---|---|---|---|
| 1 | Dr.N.Poonguzhali Asso.Prof/CSE | LATEX Software – 1 day workshop | CSE & IT Faculties | 21-6-2016 |
| 2 | Mr.M.Prasad, Research Scholar, Pondicherry Engineering College | "NETWORK SIMULATOR – 2" | III CSE | 02.07.2016 Saturday |
| 3 | Mr.Sriram ,CEO, Secure Engine. | Workshop on "Information Security and Ethical Hacking" | III CSE | 12.7.16 Monday |

| | | | | |
|---|---|---|---|---|
| 4 | Mr.J.Venkatesan Prabhu Chief Technology Officer, KaaShiv InfoTech Nearer to Iyyappan Temple Anna Nagar, Chennai – 40 | "Workshop on Ethical Hacking" | II,III,IV yr CSE Students, nearly 85 candidates | 31.7.16 Sunday |
| 5 | Cuddalore Electronics Raja | 1 day Workshop on "EDC & DSD related work models | II year A & B section | 10.9.16 Saturday |
| 6 | CSE Department Faculties | 45 days SKILL DEVELOPMENT PROGRAMME ON OFFICE AUTOMATION ( MS-WORD, MS-EXCEL, MS-POWER POINT, INTRO. TO INTERNET) | 15 Rural area Citizens of Madagadipet & Kalitheerthalkupp am | 19-09-2016 TO 30-10-2016. |
| 7 | Dr.N.Palanivel AP/CSE | Photoshop – Workshop | MVIT Faculties | 15-12-2016. |

## GUEST LECTURES – CONDUCTED

| Sl. No. | Name of the Faculty | Topic of the  Guest Lecture | Participants | Date & Day |
|---|---|---|---|---|
| 1 | Mr.Bala, GATE Forum, Chennai | GATE Forum | III CSE | 4.7.16 Monday |
| 2 | Dr.K.B.JAYARRAMAN HOD/ CSE, Manakula Vinayagar Institute of Technology, Puducherry. | Object Oriented Programming Concepts | II CSE | 9.7.16 Saturday |
| 3 | Mr.Arun Prasath, Alumni, Batch: 2012-2016 | Guest Lecture on Python-Programming Language | MVIT CSE-IT Dreams students. | 26.7.16 Tuesday |
| 4 | Mrs.E.Kavitha, HOD/CSE,Anna University College of Engineering, Villupuram | "Advanced Data Structures and its Applications" | II year III sem A & B Section | 6.8.16 Saturday |

| 5 | Mr.Jayaprakash Gandhi | "Career Guidance Programme" | IV CSE A & B section | 10.8.16 Wednesday |
|---|---|---|---|---|
| 6 | I.Jegan, Win Your Weakness, Madurai | Win Your Weakness, Motivation Programme | III year, IV year<br><br>II year | 21-9-2016 Wednesday<br>22-9-2016 Thursday |
| 7 | Cisco Certified Network Associate CCNA | Mr.Subbaiyah,Director,Dynamic Network Institute, Puducherry | III year | 04-10-2016 |

## SPECIAL LECTURES – CONDUCTED

| Sl. No. | Name of the Faculty | Topic of the Special Lecture | Participants | Date & Day |
|---|---|---|---|---|
| 1 | Mr.R.Rajbharath AP/CSE | " Object Recognition " | III & IV CSE | 30.6.16Thursday |
| 2 | Mr.S.Jayamoorthy AP/CSE | " Fuzzy Logic " | III CSE | 14.7.16 Thursday |
| 3 | Dr.N.Palanivel AP/CSE | "Photo shop" | III CSE | 26.7.16 Tuesday |
| 4 | Dr.S.Pariselvam, Associate Professor/ CSE | "NS-2" | III CSE | 28.7.16 Thursday |
| 5 | Ms.D.Nagamani Abiramy AP/CSE | "Information Security in Data Mining" | III year A & B Section students. | 11.8.16 Thursday |
| 6 | Mr.R.Sathishkumar AP/CSE | "Software Testing Strategies" | III year A & B Section students | 18.8.16 Tuesday |
| 7 | Mr.P.Anandhajayam AP/CSE | "Cloud Computing Infrastructure" | III year A & B Section students | 25.8.16 Thursday |
| 8 | Mrs. I.Varalakshmi AP/CSE | "Big Data – R studio Tools" | III year A & B Section students. | 2.9.16 Friday |
| 9 | Mrs.S.Kalaivani AP/CSE | " Data Analytics Life Cycle " | III year A & B Section students | 8.9.16 Thursday |
| 10 | Mrs.V.Selvi AP/CSE | "ANDROID Applications" | III year A & B Section students | 15.9.16 Thursday |

## COMPETITIONS – CONDUCTED

| Sl. No. | Competition | Name of the Faculty Organized | Participants | Date & Day |
|---|---|---|---|---|
| 1 | Science Quiz Competition-Dr.APJ.Abdul Kalam, First Memorial Day | Dr.N.Poonguzhali, AP/CSE S.Jayamoorthy,AP/CSE | II CSE & III CSE | 27.7.16 Wednesday |
| 2 | Dr.A.P.J.Abdul Kalam Science Quiz Competition winners - Five students of II year CSE B Section have been awarded with Certificate and Dr.A.P.J.Abdul Kalam book | Dr.N.Poonguzhali Asso.Prof/CSE Mr.S.Jayamoorthy AP/CSE | II CSE | 10.8.16 Wednesday |
| 3 | C Debugging Contest I Place–Kagne Raveena Rajendra II CSE A II plcae – S.Vigneshwaran II CSE B Sec III Place – Mohamed Thaaric.A II CSE B Sec | Mr.S.Jayamoorthy AP/CSE Mrs.R.K.Santhiya AP/CSE Mrs.V.Selvi AP/CSE | II CSE | 29-8-2016 Monday |

## FOSS

| Sl. No. | Name of the FOSS Training | Name of the Faculty Organized the FOSS | Participants | Date & Day |
|---|---|---|---|---|
| 1 | FOSS TRAINING AND EXAM [ PHP & MY SQL ]**No of students taken test - 77No of students cleared test - 73** | Mr.J. Ilanchezhian AP/CSE & Mr.S.Ashokkumar AP/CSE | IV CSE A & B Section students | 11.8.16 Thursday |
| 2 | C++ FOSS traning | | II year CSE A & B Section students | 27.8.16 Saturday |
| 3 | Java FOSS Training | | III year CSE A & B Section students | 27.8.16 Saturday |

## INDUSTRIAL VISITS

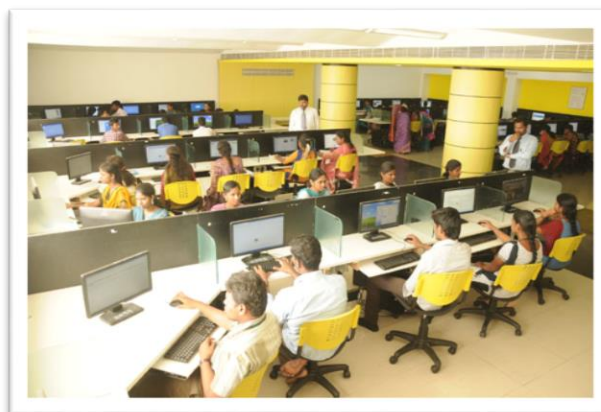| Sl. No. | Company Visited | Name of the Faculty Organized | Participants | Date & Day |
|---|---|---|---|---|
| 1 | CITS company, Vadapalani & UNIQ Technologies, T.Nagar, Chennai | Mr. R.Rajbharath, Mr.S.Jayamoorthy and Mrs.R.K.Santhiya | II year CSE A & B | 13.8.16 Saturday |
| 2 | Spiro Solutions Pvt. Ltd, T.Nagar, Chennai | Dr.Poonguzhali,Ms..Nagamani abirami, Mr.J.Ilanchezhian,Mr.P.Sathiyanarayanan | III year CSE A & B | 13.8.16 Saturday |

## MoU SIGNED DETAILS

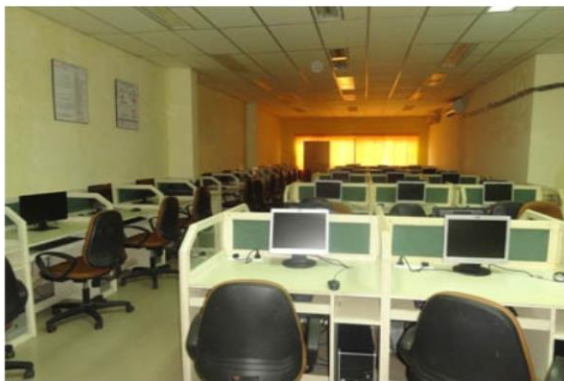| Sl. No. | Details of the Company | Name of the Company Person | Date | Day |
|---|---|---|---|---|
| 1 | 4th Dimension Technolgies PVT Ltd, Saidapet, Chennai | Mr. Gnanamani Manager/HR | 26-8-2016 | Friday |

## DETAILS OF PRIZES WON BY THE CSE STUDENTS IN TECHNICAL COMPETITIONS

| Sl. No | Name of the students | Year /Sem/ Sec | Name of the event in which he/she participated | Date of event | Name of organizing Institution | Position/ Prize, if any received |
|---|---|---|---|---|---|---|
| 1 | Monish,Lokesh & Sudharson | II / III | Final round of APPCODZ-CODE AND CONQUERON LINE ONTEST | 24-9-2016 | Appcodz, Trichy | Won III prize Rs.2000/- |
| 2 | Monish and Lokesh | II/III/A | Codevyug contest at SMVEC | 22.8.2016 Monday | SMVEC | Runner up prize Rs.3000/- at final round |
| 3 | R. Shiyamili | IV yr, 7th sem./ B | TECHGIG CODE WIZARDS | 25.11.2016 | TechGig Codewizards, Amadeus, NIIT, Noida, New Delhi | 2nd Runner Up. Won Rs.75000/- |

## LAB PHOTOS

### Seminar Hall
The Department of Computer Science and Engineering has a well furnished Seminar hall with a 150 seating capacity and Complete Audio Video Facility.

### Class Rooms
The Class rooms are equipped with , LCD Projectors and round the clock wifi Internet facility which enables the student to acquire knowledge at a faster rate.

### Department Library

The College Central library has a collection of 2000 books, in different subjects like, Visual Studio, JAVA, Oracle, MAT LAB, NS2, Big Data, Cloud Computing etc., Open access system is followed in the library.

# PLACEMENT

## Number of students placed through Campus recruitment with details (2016- 2017):

## BATCH 2013-2017

### LIST OF STUDENTS PLACED IN IV YEAR CSE A

| S.No | Registration number | Name of The Students | Branch | Company | Number of Students |
|------|---------------------|----------------------|--------|---------|--------------------|
| 1 | 13TD1409 | ARCHANA | CSE A | TCS | 7 |
| 2 | 13TD1417 | BANUPRIYA | CSE A | | |
| 3 | 13TD1420 | DHINESH | CSE A | | |
| 4 | 13TD1438 | LAVANYA | CSE A | | |
| 5 | 13TD1439 | LOGESWARI | CSE A | | |
| 6 | 13TD1465 | SANTHIYA | CSE A | | |
| 7 | 13TD1476 | SUVITHA | CSE A | | |
| 8 | 13TD1403 | ANBUMATHI | CSE A | SUTHERLAND (VOICE) | 5 |
| 9 | 13TD1405 | ANITHADEVI | CSE A | | |
| 10 | 13TD1460 | PUNITHA | CSE A | | |
| 11 | 13TD1472 | SRI VIDYA | CSE A | | |
| 12 | 13TD1479 | VENKATESWARAN | CSE A | | |
| 13 | 13TD1407 | ARAVIND | CSE A | IDBI | 9 |
| 14 | 13TD1403 | ANBUMATHI | CSE A | | |
| 15 | 13TD1412 | ARUNKUMAR | CSE A | | |
| 16 | 13TD1431 | HARIRAM | CSE A | | |
| 17 | 13TD1470 | SIVANESAN | CSE A | | |
| 18 | 13TD1474 | SUBRAYAN | CSE A | | |
| 19 | 13TDL050 | MURALI | CSE A | | |
| 20 | 13TD1472 | SRI VIDYA | CSE A | | |
| 21 | 13TD1479 | VENKATESWARAN | CSE A | | |
| 22 | 13TD1415 | BALAJI | CSE A | MOBIUS KPO | 3 |
| 23 | 13TD1460 | PUNITHA | CSE A | | |
| 24 | 13TD1472 | SRI VIDYA | CSE A | | |
| 25 | 13TD1403 | ANBUMATHI | CSE A | Xlokk | 3 |
| 26 | 13TD1407 | ARAVIND | CSE A | | |
| 27 | 13TD1472 | SRI VIDYA | CSE A | | |
| 28 | 13TD1403 | ANBUMATHI | CSE A | TECHNOSOFT | 1 |
| 29 | 13TD1472 | SRI VIDYA | CSE A | HTC | 1 |
| 30 | 13TD1423 | DIVAGARAN | CSE A | SUTHERLAND (NON-VOICE) | 5 |
| 31 | 13TD1418 | DEVAPRIYA | CSE A | | |
| 32 | 13TD1434 | KATHIRRESH | CSE A | | |
| 33 | 13TD1431 | HARIRAM | CSE A | | |
| 34 | 13TD1472 | SUBRAYAN | CSE A | | |

Department Computer Science and Engineering

**LIST OF STUDENTS PLACED IN IV YEAR CSE B**

| S.No | Registration number | Name of The Students | Branch | Company | Number Of Students |
|------|--------------------|--------------------|--------|---------|-------------------|
| 1 | 13TD1410 | Arthi | CSE B | TCS | 5 |
| 2 | 13TD1425 | ELAKKIYA | CSE B | | |
| 3 | 13TD1432 | Imaya | CSE B | | |
| 4 | 13TD1440 | Lovelin | CSE B | | |
| 5 | 13TD1457 | Preethika | CSE B | | |
| 6 | 13TD1416 | Balaji | CSE B | BRILLA SOFT | 4 |
| 7 | 13TD1419 | DHINESH | CSE B | | |
| 8 | 13TD1454 | Praveena | CSE B | | |
| 9 | 13TD1464 | SANGAVI | CSE B | | |
| 10 | 13TD1422 | DHIVYA | CSE B | SUTHERLAND | 1 |
| 11 | 13TD1413 | Ashwin | CSE B | IDBI | 4 |
| 12 | 13TD1427 | Ganesh Aravindh | CSE B | | |
| 13 | 13TD1435 | KAVINRAJ | CSE B | | |
| 14 | 13TD1051 | Shankar | CSE B | | |
| 15 | 13TD1481 | Vijayavani | CSE B | MOBIUS KPO | 1 |
| 16 | 13TD1449 | NIVEDHA | CSE B | ASPIRE SYSTEM | 2 |
| 17 | 13TD158 | Priyadharshini | CSE B | | |
| 18 | 13TD1449 | NIVEDHA | CSE B | XLOKK | 6 |
| 19 | 13TD1444 | MONISHA | CSE B | | |
| 20 | 13TD1437 | KOUSALYA | CSE B | | |
| 21 | 13TD1422 | Dhivya | CSE B | | |
| 22 | 13TD1402 | Anandhi | CSE B | | |
| 23 | 13TD1477 | Tamil aruvi | CSE B | | |
| 24 | 13TD1481 | vijayvani | CSE B | HTC | 1 |
| 25 | 13TD1435 | KAVINRAJ | CSE B | SUTHERLAND (NON-VOICE) | 1 |

Department Computer Science and Engineering

# INDUSTRIAL VISITS

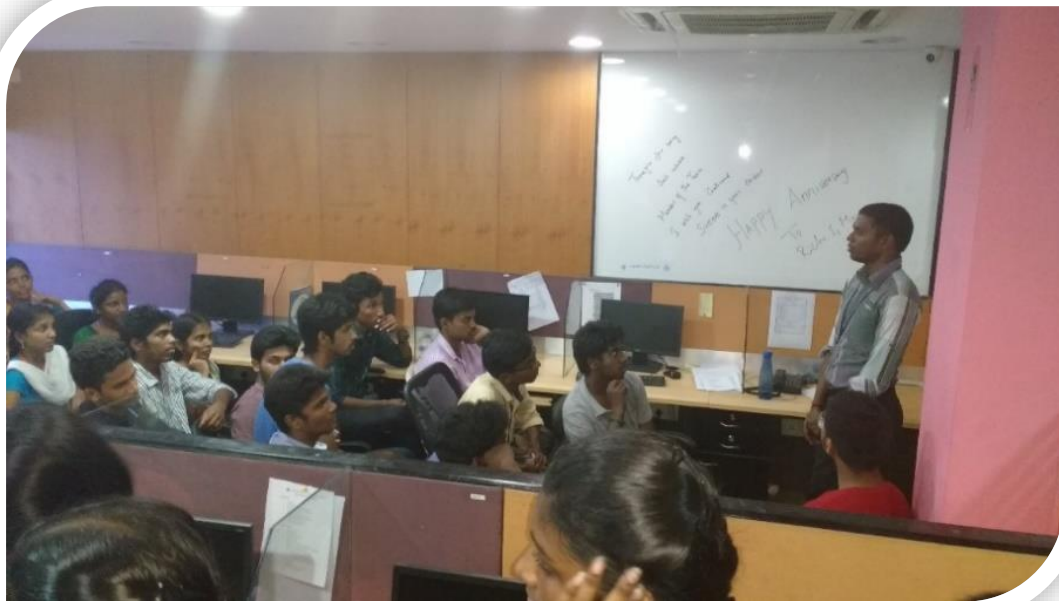| Sl.no | Name of the Company | Date of Visit | Year and Section |
|-------|---------------------|---------------|------------------|
| 1. | CITS  company | 13.08.2016 | All Second Year Students |
| 2. | Spiro Solutions Pvt Ltd, | 13.08.2016 | All Third Year Students |
| | Birla Planetarium | 13.08.2016 | All Third Year Students |

## MAJOR EVENTS - 2016



**Dr.K.B.JAYARRAMAN HOD/ CSE, MVIT, Puducherry has delivered a guest lecture on "Object Oriented Programming Concepts" for II CSE students on 9.7.2016**



**Monish.S and Lokesh.P of II CSE Won Runner up prize of Rs.3000/- at Final round of Codevyug contest held at SMVEC on 22.8.2016.**

**Mr. R.Rajbharath AP/CSE, Mr.S.Jayamoorthy AP/CSE and Mrs.R.K.Santhiya AP/CSE have visited CITS company, Vadapalani & UNIQ Technologies, T.Nagar, Chennai along with II year CSE A & B students on 13.8.16 as Industrial Visit.**



**Dr. N.Poonguzhali, Asso.Professor/ CSE, Ms. D.Nagamani abirami AP/CSE, Mr.J.Ilanchezhian AP/CSE and Mr.P.Sathiyanarayanan AP/CSE have visited Spiro Solutions Pvt. Ltd, T.Nagar, Chennai alon with III year CSE A & B students on 13.8.16 as Industrial Visit.**

**Dr.N.Poonguzhali, Asso. Professor/ CSE and S.Jayamoorthy, AP/CSE have organized a Science Quiz Competition- Dr.APJ.AbdulKalam, First Memorial Day for II CSE & III CSE students on 27.7.16**

**Dr. N. Poonguzhali, Asso.Professor/ CSE has organized a cultural competition (events like Face art, Paper Quelling, Vegetable carving, Mehendi art and art from waste) for all Departments on 20.8.2016**



**Mr.S.Jayamoorthy AP/CSE, Mrs.R.K.Santhiya AP/CSE and Mrs.V.Selvi AP/CSE have organized a "C Debugging Contest" for II CSE Students on 29-8-2016. The winners are I Place–Kagne Raveena Rajendra II CSE A Sec, II plcae – S.Vigneshwaran II CSE B Sec and III Place – Mohamed Thaaric.A II CSE B Sec.**
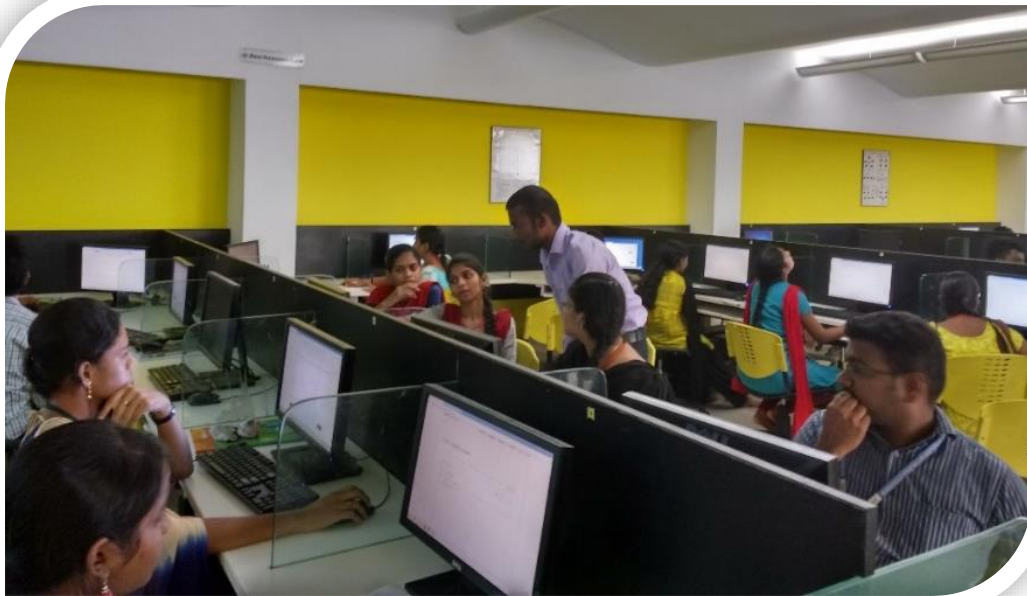
**Mr.M.Prasad, Research Scholar, Pondicherry Engineering College has conducted 1 Day Workshop on "NETWORK SIMULATOR – 2" for III CSE students on 02.07.2016**



**Mr.J.Venkatesan Prabhu Chief Technology Officer, KaaShiv InfoTech Nearer to Iyyappan Temple Anna Nagar Chennai has conducted 1 Day Workshop on "Workshop on Ethical Hacking" for II, III, IV yr CSE Students, nearly 85 candidates on 31.7.16**

**Mr.Arun Prasath,  Alumni, (Batch: 2012-2016) has delivered a guest lecture on "Python-Programming Language" for MVIT CSE and IT Dreams students on 26.7.16**



**Mrs.E.Kavitha, HOD/CSE,Anna University College of Engineering, Villupuram has deliverd a guest lecture on "Advanced Data Structures and its Applications" for II year III sem students on 6.8.16**

**Electronics Raja, Cuddalore, has deliverd a guest lecture on "EDC & DSD related work models" for II year students on 30.8.16**



**Mr. Gnanamani, Manager/HR, 4<sup>th</sup>Dimension Technolgies PVT Ltd, Saidapet, Chennai has signed MOU on 26-8-2016**

**Mr.Sriram, CEO, Secure Engine has conducted 1 Day Workshop on "Information Security and Ethical Hacking for III CSE Students at MVIT, Audio Visual Room on 12.07.2016 (Monday).**



**Mr.Subbaiyah, Director, Dynamic Network Institute, Puducherry has conducted Workshop on "Cisco Certified Network Associate CCNA" for CSE Students at MVIT, on 04-11-2016.**

**Our Final Year Student Ms. R. Shiyamili, Final CSE has won Second Place in All India TechGig Codewizards, Coding Competitions held at, NIIT, Noida, New Delhi on 25-11-2016 and won Prize amount of Rs. 75,000/-**



**Mr.P.Anandajayam  Assistant Professor / CSE, MVIT, Puducherry has conducted Workshop on National level literacy Mission for Sacred Heart Convent Students at Villupuram, on 12-12-2016.**

**Dr.N. Palanivel, Associate Professor /CSE, has conducted
Ten Days Workshop on Photoshop at CSE Lab 2 from 15-12-2016 to 26-12-2016**



**N.Priyadharshini, III/VI/A sec has won First Position in Atheletics Event – High Jump
at Pondicherry Univeristy on 19-12-2016**