Greeting from
Department of Computer Science and Engineering

CAPTCHA

CSE NEWSLETTER

National Conference on Systems, Computation, Automation and Networking – SCAN'15 has been conducted on 6th March 2015 for ECE, EEE, IT, CSE and Mechanical Departments. Dr. G. Zayaraz, Professor, CSE, Pondicherry Engineering College, Dr. N. Prabu, Professor, Dept. of Mechanical Engineering, Pondicherry Engineering College were Chaired the Paper Presentation. Shri. K. Narayanasamy, Asst. Vice President, Intellect Design Arena Ltd,[A Polaris Group Company], Chennai was the Chief Guest for the National Conference.

Educate ~ Empower ~ Excel

INTRODUCTION

It is with immense pleasure and proud, we are releasing the Second 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 Institution:

Manakula Vinayagar Institute of Technology (MVIT) established in 2008, with a view to provide quality Technical education to young aspirants. The institution is affiliated to the Pondicherry 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.

A high performance of our institution is witnessed by the result 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

About CSE Department :

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 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 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.

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.

STAFF ACTIVITIES

[1] Dr.K.B.Jayarraman, Prof./HOD/CSE Chaired 2 sessions of International Conference on Advanced Computing on the topic "Data Processing Techniques and Data Security" at Madras Institute of Technology, M.I.T, Chrompet,Chennai on 19-12-2014.

[2] Dr.K.Poonkavithai, AP/CSE has delivered a session talk on the topic "Usage of CPN on Statistical Analysis" in FDP on Network and Statistical Analysis at APEC, Melmaruvathur on 20-12-2014.

[3] All CSE faculties have attended 1 day seminar on "Recent Issues in Image Processing and Data Mining" by Dr. K. Seetharaman HOD/DDE, Professor/CSE, Annamalai University, Chidambaram on 3-12-2014.

[4] Mr. R.Rajbharath, AP/CSE, Mrs.R.K. Santhiya, AP/CSE, Mrs.P.Bhavani, AP/CSE, Mrs. S. Madhavi, AP/CSE, Ms.D. Nagamani Abirami, AP/CSE, Mr.V.S.Prabhu Lab Asst. and Mr.S.Senthil Lab Asst. have attended 3 days training programme on "E-Literacy" conducted by ICTACT, Puducherry at MVIT from 7-1-2015 to 9-1-2015.

[5] Mrs.V.Selvi, AP/CSE has attended 5 days Short Term Course on "Automata Theory & Compiler Design", at Pondicherry Engineering College, Puducherry from 23-2-2015 to 27-2-2015.

[6] Dr.K.B. Jayarraman, Prof./Head/CSE has participated one day Industry – Institute Interaction on "BRIDGE – ICTACT 2015 – BIG DIGITAL WORLD MEET" at Chennai Trade Center, Chennai on 17-2-2015.

[7] Ms.D. Nagamani Abirami, AP/CSE, Mrs.S. Madhavi, AP/CSE, Mrs.P. Bhavani, AP/CSE, Mr. Lubin Balasubramanian, AP/CSE, Ms.K. Janani, AP/CSE, Mr.P.Sathiyanarayanan, AP/CSE, Mrs.R.K.Santhia, AP/CSE and Mrs.V.Selvi, AP/CSE have conducted a "E-Literacy" programme on account of Founder's Birth Anniversary at Kalaignar Karunanidhi Govt.Hr.Sec.School, Madagadipet on 20.1.2015 & 21.1.2015.

[8] Ms.D.Nagamany Abirami, AP/CSE has participated one day workshop on "Modern Web" at College of Engineering, Anna University, Chennai on 21-02-2015.

[9] Mr.P.Anandajayam, AP/CSE has attended two days workshop on "Big Data & Cloud computing, Soft skills, Project Management- Knowledge++" at L&T, Chennai, on 27-2-2015 & 28-2-2015.

STAFF PUBLICATIONS

[1] Mrs.I. Varalakshmi, AP/CSE, Mr.S.Jayamoorthy, AP/CSE and Mrs.S.Kalaivani, AP/CSE have published a paper "SPPDT- Secure Privacy Data Transmission in Ad-Hoc Network" in

International Journal of Engineering Research & Technology, Vol:3 Issue 6 June 2014 issue, ISSN : 2278 – 0181.

[2] Mr.P.Sathiyanarayanan, AP/CSE has published a paper "A Reliable Communication Scheme for VANET Communication Environments" in Indian Journal of Science and Technology   Vol. 7(S5), 31–36, June 2014.

 [3] Mr.P.Sathiyanarayanan, AP/CSE has published a paper "Maturity Model for Analyzing Risks in Cots Components" in International Journal of Research and Scientific Innovation(IJRSI) Vol:1, Issue:1, June 2014, ISSN: 2321 – 2705.

[4] Mr.P. Sathiyanarayanan, AP/CSE and Mr.S. Jayamoorthy, AP/CSE have published a paper "Alternative Approach of Handling DOS vs Mobility Management with Effective Utilisation of Client's Needs" in International Journal of Innovative Research in Computer Science & Technology(IJIRCST), Vol:3, Issue:4, Jan.2015, ISSN:2347-5552.

[5] Mrs.S.Kalaivani, AP/CSE has published a paper "Quality Image Compression without any loss" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[6] Mrs.S.Madhavi, AP/CSE has published a paper "LST: Load Sharing Tool for Big Data" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[7] Dr.K.Poonkavithai, AP/CSE has published a paper "Automated Vehicular Distribution in Emergency Situation" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[8] Ms.D.Nagamany Abirami, AP/CSE has published a paper "Boosting STARS performance through Adaboost algorithm in MANETs" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[9] Mrs.S.Kalaivani, AP/CSE has published a paper "Security Enhancement in 4G Technology by Integrating SME and WPS Architecture" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[10] Mrs.I.Varalakshmi, AP/CSE has published a paper "Enhanced MANET Data Security against BOTNET attacks using Hybrid IDS model" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[11] Dr.K.B.Jayarraman, HOD/CSE has published a paper "Multimodal Biometric Key Generation for Cryptographic Security using Face and Iris" in AENSI Journals(American

Eurosian Network for Scientific Information) - Advances in Natural and Applied Sciences, VOL :9(6) Special 2015, Pages: 525-530 ISSN:1995-0772 EISSN: 1998-1090

STUDENTS ACTIVITIES

[1] A.Arunprasath of 3rd year CSE participated in the International Free software Conference "Swatantra 2014" held at Hotel Hycinth, Kerala on 19th & 20th of December 2014.

[2] M.Shanmathi, R.Nalini Karpagam, S.Jayaprahda, S.Divya, and M.Uma maheswari of 3rd year CSE students have attended In-plant Training on "Android Application Development" at U.N.I.Q Technologies, Chennai on 02-01-2015 and 03-01-2015.

[3] G. Mohanraj, V. Harish, M.Srivathsan and N.Prabu of 3rd year CSE students have participated and won 1st prize on Project title "Cost effective method to determine soil characteristics" at IIT, Mumbai on 02-01-2015.

[4] A.Sukanya, RJagapriya, S.Thamilselvi and R.K.Shyamala of 3rd year CSE students have participated a Competition on "Robotics-Technocrane & Mechatron" at IIT Mumbai on 02-01-2015 and 03-01-2015.

[5] P. Vetrivel of 2nd year CSE student has participated and won 4th prize on "Eye Ball movement control wheel chair" at IIT, Mumbai, on 04-01-2015.

[6] A.Sivakumar, S.P.Raviganesh, K.Aravindhraj, V.Rakini and V.Karpagavalli of 3rd year CSE students have attended a In-plant training on "Hardware & Networking, Ethical Hacking, Cloud computing, Embedded systems, Android, Blue eye and Software platforms" at HCL Career Development Centre, Chennai from 7-1-2015 to 9-1-2015.

[7] R.Balaji, R.Ajay, T.Parimelazhagan and R.Ashwin of 2nd year CSE students have attended two days Workshop on "Advanced Industrial Robotics" conducted by AGIIT, INTECHO'15 at Anna University, Chennai, on 25-1-2015 to 26-1-2015.

[8] C.Suthan, M.Srivatsan, S.ThamilSelvi, V.Karpagavalli, V.Rakini and Aravindharaj of 3rd year CSE students have participated workshop on "Information Security & Hacking" at NIT, Karaikal, from 30-01-2015 to 01-02-2015.

[9] A.Sivakumar of 3rd year CSE student has participated Two Days Workshop on "Free Software Technologies" at Pondicherry Engineering College & Free Software Foundation Tamil Nadu, on 9-2-2015 & 10-2-2015.

[10] Jagapriya and Kavipriya of 3rd year CSE students have participated National Level Technical Symposium "TANTRA'15" and won 1st prize in CODE BUILDER EVENT at SMVEC on 6-2-2015 & 7-2-2015.

[11] P.Apeksha Jain and R.Tharambigai of 3rd year CSE students have participated and won consolation price Rs.1000/- for the project competition Android 2015 titled "Safety City Women Safety & Tracking System" on 13th march 2015 in Mailam Engineering College.

[12] K.Hemprakash, K.Susindar of 3rd year CSE student has participated in paper presentation in the National Level Technical Symposium "Agnimithra" on 05-03-2015 and 06-03-2015 at University college of Engineering, Villupuram.

STUDENTS' PUBLICATIONS

[1] Deepalaksmi.G, Sowmiya.P and Niveditha.K have published a paper "Automated Vehicular Distribution in Emergency Situation" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol.: 4, Issue:2, Feb.2015.

[2] Sudha.K, Udhaiyakumarie and Vinothini.M have published a paper "Boosting STARS performance through Adaboost algorithm in MANETs" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol.: 4, Issue:2, Feb.2015.

[3] Sanjana Vishwanathan, Manjubargavi.A, Hemalatha.U and Mohana.P have published a paper "Enhanced MANET Data Security against BOTNET attacks using Hybrid IDS model" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol:4, Issue:2, Feb.2015.

[4] Sowndharya Lakshmi.U, Tharanya.S and Tharagai.R have published a paper "Quality Image Compression without any loss" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol.:4, Issue:2, Feb.2015.

[5] Pradeepa.R, Rajalakshmi.G and Lavanya.C.H have published a paper "Security Enhancement in 4G Technology by Integrating SME and WPS Architecture" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol.:4, Issue: 2, Feb.2015.

[6] Radhika.K, Vinothini.V and Usha.R have published a paper "LST: Load Sharing Tool for Big Data" in International Journal of Advanced Research in Computer Engineering and Technology [IJARCET], Vol.:4, Issue: 2, Feb.2015.

DEPARTMENT ACTIVITIES

[1] Seminar on "Government Recruiting Agencies (UPSC, SSC, TNPSC & Others)" was given by Mr.Thirukabilane, SUYAM IAS COACHING INSTITUTE, Puducherry on 26-12-2014.

[2] Two days' workshop on "Image Processing using MAT LAB" conducted by Mr.B.Jagadish Chandra Bose, Yagnamayaya Institute, Chennai on 23-2-2015 and 24-2-2015 for I year & II year M.Tech CSE students.

National Conference on Systems, Computation, Automation and Networking – SCAN'15 has been conducted on 6th March 2015 for ECE, EEE, IT, CSE and Mechanical Departments.
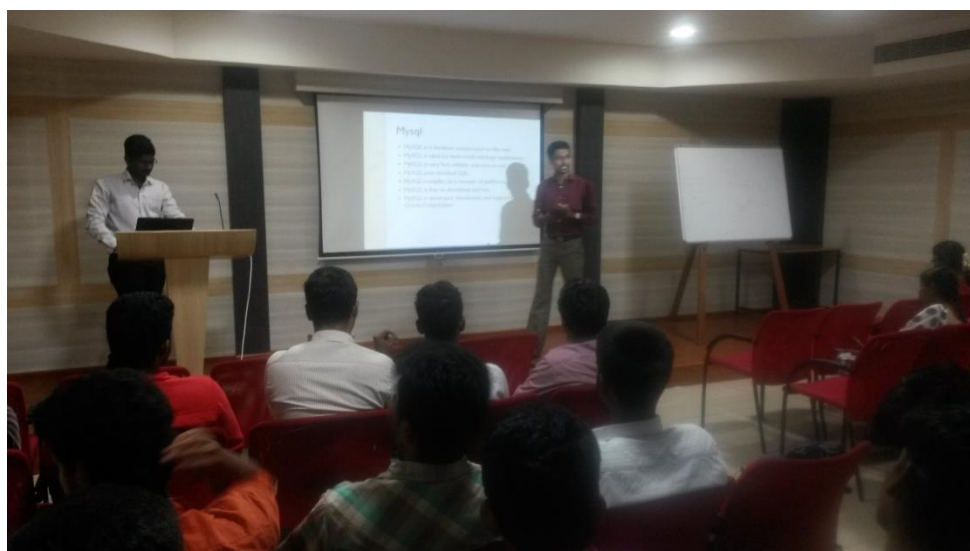
Sri Sai Seva Organisation faculties Mr.Narasimhan and crew have conducted 1 Day Workshop on Disaster Management Programme at MIT AUDITORIUM For III year & IV year CSE students on 30-6-2015

Sri Sai Seva Organisation faculties Mr.Narasimhan, Mr.Ganesh ,Mr.Saravanan and crew have conducted Career Guidance & Motivational Programme for CSE III year Students at Audio Visual Room on 04-7-2015.

Mr.K. Hemachandran,Mr.R.Sakthivel, Mr.B.Ashok,Programmers, eVentures Pvt. Ltd. & Quales Infosoft, Pondicherry have conducted one day Workshop on PHP - a detailed approach for III YR CSE A & B section students at Audio Visual Room on 25-7-2015

Prof.Sivamadhavan, Tamil Professor, Karaikkal has conducted Motivaional Talk programme for II year CSE A&B sections on 10-7-2015.

Sri Sai Seva Organisation faculty Mr.V. Viswanathan has conducted 2 Days Guest Lecture on EDUCARE – Educating Human Values Programme at MIT Backside AUDITORIUM For II & III year CSE,IT,EEE & ECE students 12-8-2015 & 13-8-2015

S.Dhineshkumar III CSE B, S.Suvitha III CSE A, S.Lavanya III CSE A, L.Sudharmathi III CSE A have won the JAVA FIX IT Intra Department Quiz Programme conducted on 22-8-2015.

Mr.Jayaramachandran, System Engineer, TCS, Siruseri, Chennai, has conducted JAVA SCRIPT – Basics to Advanced for III year CSE Students Audio visual room 26-9-2015

Projects from CSE Department have been exhibited in the Computer Expo-2016 held at Jayaram Thirumana Mandapam, Puducherry on 25,26,27-9-2015. MVIT has bagged the First prize - Best stall award.

III YEAR V SEMESTER CSE DEPT. 1.BANUPRIYA 2. LOGESHWARI 3.ARCHANA

III YEAR V SEMESTER CSE DEPT. 1.DHINESH KUMAR 2.KAVINRAJ

III YEAR V SEMESTER CSE DEPT.

1.VIJAYAVANI 2.PUNITHA 3.IMAYA 4.JYOTHI

Our CSE students have exhibited their Projects in "Makkal Tholaikatchi"