



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

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

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*Greeting from  
Department of Computer Science and Engineering*

# CAPTCHA

## CSE NEWSLETTER



"FRUITION 14" – The Offer Letter Distribution Function, celebrated on April 23rd 2014 The Chairman and Managing Director Shri M.Dhanasekaran, delivered the presidential address, the Chief guest Shri M. Sivakumar, Chief Executive Officer, ICT Academy, Tamilnadu, and Mr.Suresh Babu, AGM of ICT Academy were also present as the special guest to grace the occasion.

**Educate ~ Empower ~ Excel**

## **INTRODUCTION**

It is with immense pleasure and proud, we are releasing the First 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

- Mr. N.Sowrirajapillai has participated National Conference on “Recent Trends in Information Technology” at Vidhya Sagar Women’s College, Chengalpattu on 25-1-2014.
- Mr.D.Lubin Balasubramanian has participated 8 Days workshop on “WEB DESIGNING” at ICTACT,Puducherry from 17-2-2014 to 26-2-2014.
- Mrs.R.K.Santhia has participated International Conference on “Innovative Trends in cloud Computing and Computer Science” and presented a paper “Automatic of Scaling in 2D Psoriasis Skin Images Using SVM & MRF” on 9-2-2014.

- Mr.P.Anandajayam has participated International Conference on “Engineering Technology & Science” and presented a paper “Detecting & Eliminating Fraudulence Using Cloud Storage” on 10-11-2-2014.
- Mr. N. Palanivel Presented a paper titled “Pose Invariant Face Recognition Using Hidden Markov Model and Support Vector Machine Using PCA for Dimensionality Reduction” in Fourth IEEE International Conference on Information Communication and Embedded System – ICICES 2014 on 27<sup>th</sup> Feb. and 28<sup>th</sup> Feb. 2014.
- Mr. N. Palanivel Presented a paper entitled “Histogram validated object removal strategy using spatiogramic technique” in Fourth IEEE International Conference on Information Communication and Embedded System – ICICES 2014 on 27<sup>th</sup> Feb. and 28<sup>th</sup> Feb. 2014.
- Mrs.S.Kalaivani has presented a paper titled “An efficient method to improve performance on long range in Distributed Hybrid wireless networks” in International Conference on Engineering Technology and Science at Muthayammal College of Engineering, Namakkal from 10th to 11th February 2014.
- Mrs. S.Kalaivani has presented a paper titled “Self adaption in Mobile Ad hoc networks using geographical routing” in International Conference on Intelligent Computing at Bharathiyar University, Coimbatore from 6th to 7th March 2014.
- Ms.D.Nagamani Abirami has attended an International Conference on Futuristic Trends in Computer Science Engineering & Information Technology, Feb 2014, Vandavasi and presented a paper “Compromised Node Detection And Identifying The Attacker Via Snaring”.
- Ms.D.Nagamani Abirami has attended an International Conference on Intelligent Computing Application, at Bharathiyar University, Coimbatore, Mar. 2014, PP:191-195 and presented a paper “Communicating Via Ant Colony Algorithm and Detecting Attackers through Tracking Program in MANETs”.
- Ms.V.Nirmala has attended an International Conference on Engineering Technology and Science(ICETS), at Muthayammal College of Engineering, Rasipuram, Tamil Nadu, February 2014, pp:143-145 and presented a paper “Top K Pruning Approach to String Transformation”.
- Ms.V.Nirmala has attended an International Conference on Recent Trends in Engineering and Technology (ICRTET 2014), Mount Zion College of Engineering & Technology, Pudukkottai, March 13-14, 2014 and presented a paper titled “A Novel Approach for Redundancy Based Feature Subset Selections”.

- Mrs.I.Varalakshmi has attended an International Conference on Engineering Technology and Science (ICETS'14) at Muthayammal College of Engineering, Rasipuram from 10th and 11th February 2014 and presented a paper titled "Privacy Preserving Data Analysis Technique".
- Mrs. I.Varalakshmi has attended an International Conference on Advances Research in Engineering and Technology by ARM College of Engineering and Technology, Chennai from 18th and 19th April 2014 and presented a paper titled "Detection of Fraudulent Using Collateral Data Analysis Protocol in Credit Cards".
- Mrs. I. Varalakshmi AP/CSE and Mr. S. Jayamoorthy AP/CSE have published a paper on the title "Monitoring and Self-Transmitting Data Using Zone Routing Protocol in Adhoc Network towards effective Mobility Management" in IJCSMC (International Journal of Computer Science & Mobile Computing), Vol 3. Issue 4 April 2014, Page:269-274.
- Dr.K.B.Jayarraman HOD/CSE has published a paper titled Multimodal biometric template protection using image processing in International Journal of Engineering Research and Technology, ISSN: 2278-0181, ISO 3297:2007, Volume. 4 Issue 1.
- Mr.P. Sathiyarayanan AP/CSE has published a paper titled "A Reliable Communication Scheme for VANET Communication Environments" in the Indian Journal of Science and Technology, Vol 7(S5), 31–36, June 2014 Volume 2 Issue 11th November 2013 ISSN: 2278:7844.
- Dr. K.B. Jayarraman has published a paper titled "An Iris Based Water marking System for the Security Issues of Teleradiology" in the International Journal of Applied Engineering Research (IJAER – SCOPUS indexed Journal) December 2014 Issue.
- Mrs.I. Varalakshmi AP/CSE and Mr.S.Jayamoorthy AP/CSE, Mrs.S. Kalaivani AP/CSE have published a paper on the title "SPPDT- Secure Privacy Data Transmission in Ad-Hoc Network" in IJERT Vol:3 Issue 6 June 2014 issue, International Journal of Engineering Research & Technology, ISSN : 2278 – 0181

- Mr.S.Jayamoorthy AP / CSE has attended Eight days Training on PHP & MySQL programming conducted by ICT Training Academy from 19-5-2014 to 28-5-2014.
  
- Mr.S. Pariselvam Asso.Prof/CSE, Mr.N.Palanivel AP/CSE, Ms.V.Nirmala AP/CSE and Ms.D.Nagamani Abirami AP/CSE attended Classelle Entrepreneurship Blast Camp – Video Lecturing at MVIT on 1-8-2014 Friday.
  
- Mr.P.Sathiyarayanan AP/CSE has published a paper on “Maturity Model for Analyzing Risks in Cots Components” in the International Journal of Research & Scientific Innovation (IJRSI) ISSN: 2321 – 2705,Volume I, Issue I, June 2014.

## Department Activities

- One day Seminar was organized on “Motivation for Higher Studies (CAT, CMAT, GRE, TOFEL, IELTS, Assistanceships like Graduate Assistanceship, , Graduate Teaching Assistanceship, and Graduate Research Assistanceship), conducted by T.I.M.E. Institute, Puducherry on 18th July 2014.
- Third year CSE students have attended Guest of the Week Programme by Blossom Foundation on ”The Role of Students in Social Activities” during the month of July 2014.
- Second and Third year CSE students attended the Yoga Programme conducted by Sahaja Yoga team members on 19th July 2014.



*CSE Department has organized two days Workshop on ANDROID & ITS APPLICATIONS for CSE students on 24th & 25th June 2014. The Workshop has been conducted by Mr.S.Z.Syed Azam, Team Lead, M/s WIPRO, and Mr.S.Jeyakrishnan, M/s PERPETRO TECHNOLOGIES Pvt.Ltd, Chennai.*

- A Seminar has been arranged for CSE students on “e-Waste”, Mr.Vivek, Customer Executive, Tes-amm India Pvt.Ltd, Chennai, was invited as Chief Guest for the programme.
- A Seminar has been arranged for CSE students on “Big Data & Hadoop, Data Warehousing” on 22nd September 2014. Mr.R.R.Suriyan, Senior Software Developer, Systech Solutions, Chennai was the Chief Guest.
- An Industrial Visit was organized for the Third year students to M/s Hal Heritage Centre & Rospace Museum, Hindustan Aeronautics Limited, Bangalore on 11th July 2014.



- An Industrial Visit was organized for the Final year students to M/s Karnataka Silk Production Limited, Bangalore on 27th July 2014.
- Final year CSE students have organized Engineers Day function on 15th September 2014 with Puducherry Anbalayam – Social voluntary Organisation at MVIT Auditorium.



CSE Department has organized Three days Workshop on 3D Animation for CSE students from 18th to 20th August 2014. The Workshop has been conducted by Mr.Ganesh, M/s KM WEBNEXUS Pvt Ltd, Chennai.



Ms.K.Gayathri of Third year CSE student won the First Prize in State Level Technical Symposium held at Rajiv Gandhi College of Engg., & Technology .

## Student Activities

- The Third year CSE students have attended a Workshop on “Life Skills Motivational Programme”, conducted by Mr. P.V. Rajaraman AP/CSE, Rajalakshmi College of Engineering, Chennai at MVIT Auditorium on 1st July 2014.
- The CSE students attended a Workshop on “ANDROID” at MVIT on 10th July 2014. The workshop has been conducted by Mr. Bharanikumar AP/CSE, SMVEC.



*Ms.J.Shankiya of Third year CSE student participated and won the First Prize in the National Level Technical Symposium at Sri Ganesh College of Engineering & Technology, Puducherry.*



*Ms.R.Jagapriya and Ms.V.Rakini of Third year CSE, participated and won the First Prize in the National Level Technical Symposium at IFET College of Engineering during the month of September 2014.*

- Mr.Arulalan, Mr.Balamurugan, Mr.Prem Anand, Mr.Lokesh and Mr.Somasundaram of CSE-MTech students, attended a Workshop on “Adv. Trends in Optimization Methods & their Applications” at Pondicherry University.



*Mr.Joel Jagdish.A and Ms.Jennifer.D of Third year CSE, participated in the State Level Technical Symposium and won the First Prize at Rajiv Gandhi College of Engg. & Technology, Puducherry.*

- On 26th July 2014, C-Debugging – Objective type questions competition has been conducted for CSE Second year students by our CSE faculty members. On 20th September 2014, a PowerPoint presentation competition has been conducted on the title of “Recent Innovative Products” for the Third year CSE Students by our CSE faculty members.