



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY



Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)
Kalitheerthalkuppam, Puducherry - 605 107
Ph: 0413 2643007 / Website: www.mvit.edu.in

Vol : 8 Issue 17 | For Private Circulation Only | Biannual Issue | May 2024

*Greeting from
Department of Computer Science and Engineering*

CAPTCHA

CSE NEWSLETTER



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, and Magazines and also connected with Internet Facility. The Department organizes Seminars, Workshops and Guest lecturers to enhance the Technical Skills of the students, so that they can face global competition.

The Department has entered into MoU with IBM NIIT, CMC, Blue Lotus, RIPE, Innovative Services for software training and Faculty Development Programs, 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 18 Students have been passed in all the Subjects and they have produced 100 % results. In the CSE Department, a Department Internal Library is also functioning with 150 titles.

INSTITUTE VISION MISSION VISION

To accomplish excellence in 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 a conducive atmosphere that would motivate the students to pursue 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 mold them into good citizens 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, and analytical and problem-solving abilities 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 the Computer Science and Engineering profession and enable them to become an entrepreneurs.

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

DEPARTMENT ACTIVITIES

- Guest lecture on Essential skills required for Full stack developer for Second year Students by Mr. Prakash Velayutham,CEO, Founder,Code Builders Pvt, Limited- Puducherry on 6th Feb 2024.



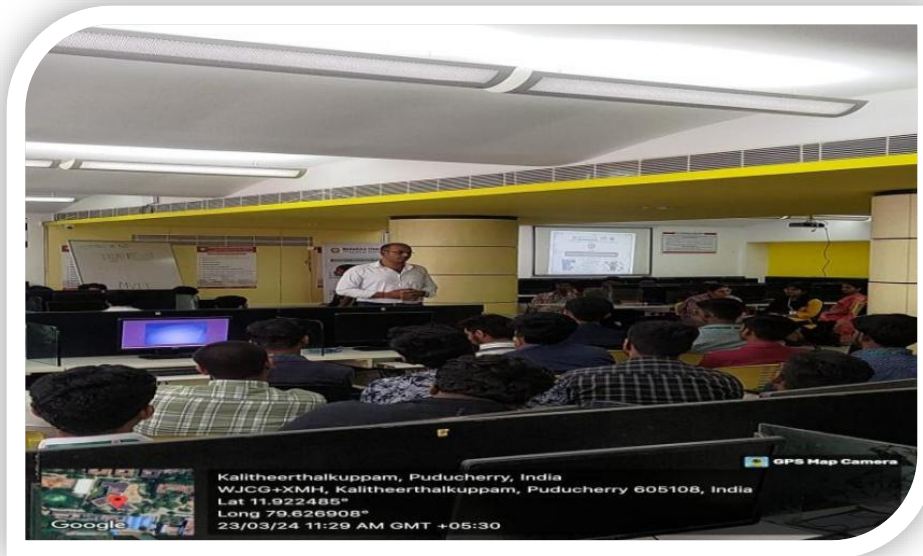
- Guest lecture on Trends and opportunities in digital Marketing for Third year Students by Mr.S.Richerd, VPS Code builders,Business Analyst, Bangalore on 12th March 2024.



- IEEE Sponsored Guest lecture on Cloud Privacy and Security for Final year Students by Mr.S.Raja, Software Analyst,Tamsys, Puducherry on 20th March 2024.



- CSI Sponsored workshop conducted on **Android** Application development for Second year students by Mr.N.Seetharaman, HCL Technologies, Chennai on 23rd March 2024,



- Workshop conducted on Argo UML for Third year students by Ms.R.Indumathi, AP/CSE ,MVIT on 6th April 2024.



FACULTY ACTIVITIES

- Mr.Balaji has attended Five days FDP on Recent Advancements in Artificial Intelligence organized by Jerusalem College of Engineering from 8th Jan to 12th Feb 2024.
- Ms.G.Sharmila has attended Five days FDP on Recent Advancements in Artificial Intelligence organized by Jerusalem College of Engineering from 8th Jan to 12th Feb 2024.
- Mr.N.Arikaran has attended Five days FDP on Recent Advancements in Artificial Intelligence organized by Jerusalem College of Engineering from 8th Jan to 12th Feb 2024.
- Ms.R.Indumathi has attended Five days FDP on Python programming With Django Framework organized by CMREC, Hyderabad from 11th Feb to 16th Feb 2024.
- Ms.K.Nandhini has attended Five days FDP on Innovative Computing Technologies for Healthcare Systems organized by St. Peter's Institute of Higher Education and Research from 19th Feb to 23rd Feb 2024.
- Ms.I.Varalakshmi has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Mr.Sathish kumar has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Mr.N.Arikaran has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Ms.G.Sharmila has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Mr.Balaji has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Ms.Kavitha has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- Ms.P.Suganya has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.

- M.Imran khan has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22.02.24 to 28.02.24
- Ms.P.Suganya has attended Five days FDP on Generative AI with LLM organized by Sai ram Engineering College from 22nd Feb to 28th Feb 2024.
- S.Boovaneswari and J.Jayapradha had participated and won second place in Throwball Tournament for women faculty held at MVIT on 2ND March 2024
- Dr.N.Palanivel Asso.Prof has attended Five days FDP on Entrepreneurial Ecosystem:Fostering Entrepreneurship, startup and incubation organized by Manakula vinayagar institute of technology from 25th March to 5th April 2024.
- M.Imran khan has attended Five days FDP on Creative Thinking organized by Manakula vinayagar institute of technology from 8th April to 10th April 2024.
- Mr.Balaji has attended Five days FDP on Palo Alto Cloud Security Fundamentals organized by ICT Academy from 21st May to 25th May 2024.
- S. Pariselvam has published journal entitled on Rooting Out Intruders Using Deep Learning Through RNN And Bilstm in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403 April 2024.
- Mrs. J. Jayapradha has published journal entitled on Face Detection Attendance System Using Transfer Learning And Deep Neural Network in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403, April 2024
- Ms.Boovaneswari has published journal entitled on Enhancing Forest Animal road accident safety System using IOT in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- Ms.Boovaneswari has published journal entitled on Enhancing Video Morphing Attack Detection Using Convolutional Neural Networks On Deep Fake Detection Algorithm in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403, April 2024
- Mr.N.Arikan has published journal entitled on Enhancing Deep Learning In Three-Tier Forensic Classification Framework in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- Mr.N.Arikan has published journal entitled on Enhancing Deep Learning In Three-Tier Forensic Classification Framework in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- M.Imrankhan has published journal entitled on Enhancing Detection And Prevention Of Rice Leaf Disease Using Dcnn_Resnet50 Technique in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- Dr. N. Palanivel has published journal entitled on Enhancing Nonlinear Augmented Reality Enabled Smart Water Leakage Identification And Infrastructure Management Of Pipeline System in International Journal of Communications on Applied Nonlinear Analysis, ISSN: 1074-133X, April 2024
- R.Sathishkumar has published journal entitled on Enhancing Chain Of Custody Uncertainty Mitigation In Image Forensics Investigation in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- Mrs. J. Jayapradha has published journal entitled on Intrusion Detection System For Phising Detection Using Convolution Neural Network in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403, April 2024

- Mrs. G.Sharmila has published journal entitled on Enhanced 5G Networks Application for Accessing Ontology Based RPLTraffic Mutation Network Environment in International Journal of Tuijin Jishu/Journal of Propulsion Technology, ISSN: 1001-4055, April 2024
- Mrs. G.Sharmila has published journal entitled on Cloud-Powered Secure Log Storage Using Proof Of Stake And Blowfish Encryption in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- S. Balaji has published journal entitled on Crowd Sourced Frame Work For Detecting Novel Bio Treatments In Mental Disorders in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- Mrs. C. Kavitha has published journal entitled on Advanced 3D CNN Techniques For Robust Face Forgery Detection in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403, April 2024
- R.Indumathi has published journal entitled on Predicting Heart Attack From Retinal Fundus Image Classification Using CNN With Efficient Net B0 in International Journal of African Journal of Biological Sciences, ISSN: 2663-2187, April 2024
- P.Suganya has published journal entitled on Forecasting Wireless Traffic In Mesh Networks Using Deep Metric Algorithms in International Journal of Educational Administration: Theory and Practice, ISSN:2148-2403, April 2024

STUDENT ACTIVITIES

- Second year students visited “karki Mobility Services Pvt Ltd and 8queens Software Technologies Pvt Ltd Chennai” for Industrial visit on 10th Feb 2024.
- Mr.Arya Ejournalai of Third CSE has secured second position in ZOHO CLIQ TRIX 2024 (National level competition) contest.
- Mr.S.Sabari Vadivelan of Second year CSE has secured second place in Poster Presentation on the event of Safer Internet Day-2024 held at Manakula Vinayagar Institute of Technology on 6th February 2024.
- R.Subiksha of Second year CSE has secured First place in Poster Presentation on the event of Safer Internet Day-2024 event held at Manakula Vinayagar Institute of Technology on 06th February 2024.
- M.Harish of Second year CSE has secured First prize in the event of Project Expo in AATRAL 2K24 National Level Technocal Symposium held at ThanthaiPeriyar Government Institute of Technology, Vellore on 27th February 2024.
- S.Sabari Vadivelan, M.Harish, D.Uvarajan, A.Rooban and Yuvaraja of Second year CSE has participated and secured consolation prize in National Science Day held at Manakula Vinayagar Institute of Technology respectively on 28th February 2024.

- M.Kamal of Second year CSE has participated and secured 3rd place in CRACK THE WEB and DEFENCE event in National Level Technical symposium, MITILENCE-2024 held at MVIT on 16th March 2024
- R.Subiksha And M.Yuvaraja of Second year CSE has participated in the event Blind Coding and secured 1st place in the event Cash of Codes held at Puducherry Technological University on 20th, 21st, 22nd March 2024
- R.Hariharan, S.Tharuneshwar of Third year CSE has presented an award for their outstanding performance in BrainDead Competition held at IEST Shibpur on 04th April 2024.



- R.Hariharan, S.Tharuneshwar, Sriram Sai and N.Saransakthi of Third year CSE has participated and secured 2nd place in Hackathon 2K24 events held at King's Engineering College on 16th and 17th April 2024.
- M.Yuvaraja of Second year CSE has participated and secured 1st place in Technical Connections and Clash of Codes events conducted in Intercollegiate Technical Symposium INSTRONIX 2024 held at Puducherry Technological University on 24th and 25th April 2024.

EDITORIAL BOARD

STUDENT EDITORS

KARTHICK ROSHAN –IV -B

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ANAS- II-A

Faculty in Charge

Mrs.I.Varalakshmi

Assistant Professor,

Department of Computer Science and Engineering

varalakshmicse@mvit.edu.in

Contact Us

Dr.S.Pariselvam,

Professor and Head,

Department of Computer Science and Engineering,

Email id: hodcse@mvit.edu.in