



MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY



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

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Greeting from
Department of Computer Science and Engineering

CAPTCHA

CSE NEWS LETTER



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 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 be a Globally reputed Technical Institution creating Competent leaders and Skillful innovators in Science, Technology and Management.

MISSION:

IM1: Providing a dynamic and creative learning environment for its students to acquire exemplary technical, analytical, professional skills.

IM2: Imbibing a spirit of innovation and research among its students and faculty for solving critical problems.

IM3: Promoting Innovation, Employability and entrepreneurship skills through industry academia collaboration.

IM4: Serving the society through technical intervention and creating socially responsible Professionals.

DEPARTMENT VISION AND MISSION

VISION

To be a center of excellence in Computer Science and Engineering, nurturing innovative leaders equipped with global technological competencies

MISSION

DM1:To provide excellence in computer science and engineering education through innovative teaching and industry-aligned curriculum.

DM2:To nurture problem-solving capabilities and research competencies among students and faculty for addressing real-world computing challenges.

DM3:To foster industry collaboration by establishing a centre of excellence in emerging computing technologies, driving innovation and entrepreneurship.

DM4:To develop ethically computing professionals with leadership qualities, contribute to addressing societal challenges through technological innovations.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1 Professional Excellence: Graduates will excel in the computing industry by exhibiting exemplary technical knowledge, analytical thinking, and imaginative problem-solving skills in emerging technologies.

PEO2 Sustainable Technology: Graduates will develop and deploy innovative solutions that address environmental sustainability, community challenges, and industrial demands.

PEO3 Entrepreneurship: Graduates will develop and demonstrate entrepreneurial skills to create successful technology ventures and lead organizational transformation.

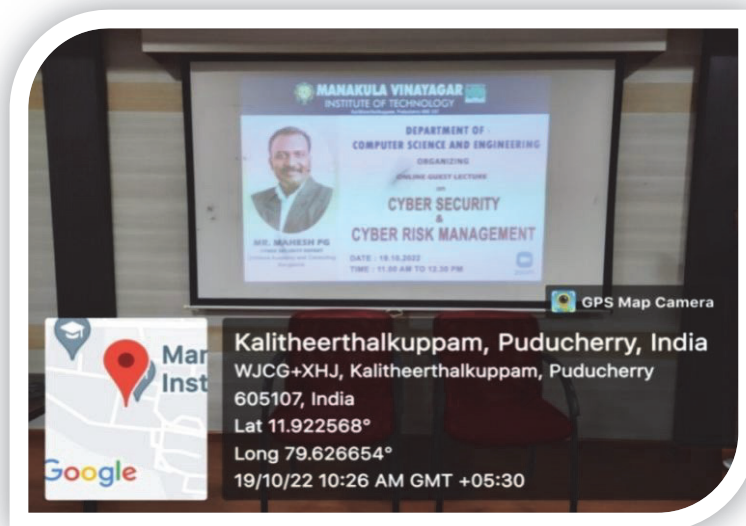
PEO4 Ethical Leadership: Graduates will demonstrate ethical leadership in computing environments, promoting mentorship, collaboration, and knowledge sharing.

DEPARTMENT ACTIVITIES

- Workshop conducted on EDC And DSD Work Design Models for Second year Students by Mr. Raja, Raja electronics, Cuddalore from 13th Oct to 14th Oct 2022



- Guest lecture conducted on Cyber Security & Ethical Hacking for Second year Students by Mr. Mr. Mahesh PG Orbiteva Academy and Consulting, Cyber Security Consultant, Bangalore on 19th Oct 2022.



- CSI Sponsored two days workshop conducted on Cyber Security & Ethical Hacking for III year and other college students by Mr. Ajinkya Lohakare, Cyber Security Expert & PoCaster Ditto, Security, Maharashtra from 14th to 15th Nov 2022.



- Guest Lecture conducted on Competitive coding for Third year students by Mr.Lokesh, Software Architect, Atlassian on 23rd Nov 2022.



- CSI Sponsored Guest Lecture conducted on Cloud Computing and How to build a personal brand being a developer for Second year students by Mr.Sajeetharan Sinnthurai, Senior Product Manager, Microsoft Google Developer Expert on 28th Nov 2022.

FACULTY ACTIVITIES

- Mrs.I.Varalakshmi and Mrs.D.Mohanapriya, Asst.Prof has attended Five days Workshop on “AI & ML” conducted by Wipro TalentNext from 5th Sep to 9th Sep 2022.
- Mrs.G.Sharmila Asst.Prof has attended Five days FDP on Smart Manufacturing from 26th Sep to 1st Oct 2022.

- Mrs.R.Indumathi Asst.Prof has attended Five days FDP on “Cyber Security Analytics” organized by Bangalore Institute of Technology, Bangalore from 27th Sep to 1st Oct 2022.
- Mr.R.Sathishkumar Asst.Prof has attended two weeks ICTACT FDP on “Microsoft Philanthropy CSR Cyber Security” from 7th Nov to 16th Nov 2022.
- Mrs.I.Varalakshmi and Mrs.D.Mohanapriya, Asst.Prof has attended two weeks ATAL FDP on Accreditation and outcome based pedagogic principles for effective teaching from 14th Nov to 25th Nov 2022.
- Mrs.D.Mohanapriya, Asst.Prof has published journal entitled on “Fire ant optimization future selection method for Breast Cancer Prediction” in International Journal of Computer Application and Technology. Vol.69, Issue No:2, ISSN No.0952-8091 Nov 2022.
- Mrs.I.Varalakshmi Asst.Profhas attended five days Advance Training Program on “BigData” conducted by Wipro Talentnext from 12th Dec to 16th Dec 2022.
- Dr.N.Palanivel Assoc.Profhas presented a paper entitled as “Improving remote sensing using Solar-powered Unmanned Aerial Vehicle” in International Conference on Innovative and Cutting edge technologies in Electrical, Electronics, Computer Engineering and Information Technology (ICICEECT’22) organized by Mailam engineering college from 14th Dec to 15th Dec 2022.
- Mr.R.Rajbharath Asst.Profhas presented a paper entitled as “Identification of Sign language using FLEX Sensors” in International Conference on Innovative and Cutting edge technologies in Electrical, Electronics, Computer Engineering and Information Technology (ICICEECT’22) organized by Mailam engineering college from 14th Dec to 15th Dec 2022.
- Mrs.I.Varalakshmi Asst.Profhas presented a paper entitled as “Earlier Detection of Distributed Denial of Service Attack using EDDA Algorithm in SDN_IoT” in International Conference on Disruptive Technology for achieving Sustainable Development Goals organized by Tulsiramji Gaikwad-Patil College of Engineering & Technology (IC-DTSDG-22) from 22nd and 23rd Dec 2022.
- Mr.D.Lubin Balasubramanian Asst.Prof has published paper entitled as “Enhanced seagull optimization based node localization scheme for wireless sensor networks” in International Journal of advanced technology and engineering exploration. Issue 97, Vol.9 Dec 2022.Scopus Indexed.
- Mr.R.Sathish Kumar Asst Prof has published paper entitled as “New modern approach to predict users sentiment using CNN and BLSTM” in International Journal of Informatics, Information System and Computer Engineering. Dec 2022.

- Mr.D.Lubin Balasubramanian has published paper entitled as “Energy aware farmland fertility optimization based clustering scheme for wireless sensor networks” in Microprocessors and Microsystems Vol.97, Jan 2023.
- Mr.Imrankhan, Asst Prof has published paper entitled as “Web Application for cardiovascular diagnosis using Data Science” in International Journal of Innovative Research in Technology. ISSN No.2349-6002, Vol.9. Issue 8 Jan 2023.

STUDENT ACTIVITIES

- Third year students visited “Tech by Heart Solutions, Cochin” for Industrial visit on 2nd Dec 2022.
- Third year students visited “InfoCom Software, Cochin” for Industrial visit on 3rd Dec 2022.
- Second year students visited “CodeBlind Technologies, Coimbatore” for Industrial visit on 24th Dec 2022
- LIENA.P and LINA.R of final year students has conducted a session on recent technologies for St. Joseph's Matriculation Higher Secondary School, Convent Street, Cuddalore Students on 23rd Nov 2022.
- MONISHA.N and YUVALAKSHMI.G of final year students has conducted a session on recent technologies for Holy Flowers Higher secondary school and New Modern Matriculation Higher Secondary School, Puducherry Students on 25th Nov 2022.
- AZAR SHERIFF .I SANTHOS KUMAR HARI SHANKAR SYED IN AMULHASSAN of final year students has conducted a session on recent technologies for Blessed Mother Teresa Model Higher Secondary School and Seventh Day Adventist Higher secondary school, Puducherry Students on 3rd & 4th Dec 2022
- PAVITHRA M MONISHA. K and SURYA G of final year students has conducted a session on recent technologies for Sacred heart Central School Pondicherry Students on 29th Nov 2022.
- DHIVYA SRI R JOTHIKA P and MEGHA G of final year students has conducted a session on recent technologies for Sri Sankara Vidhyalaya Higher Secondary School, Villiyanur, Puducherry Students on 2nd Dec 2022.

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