



**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 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.

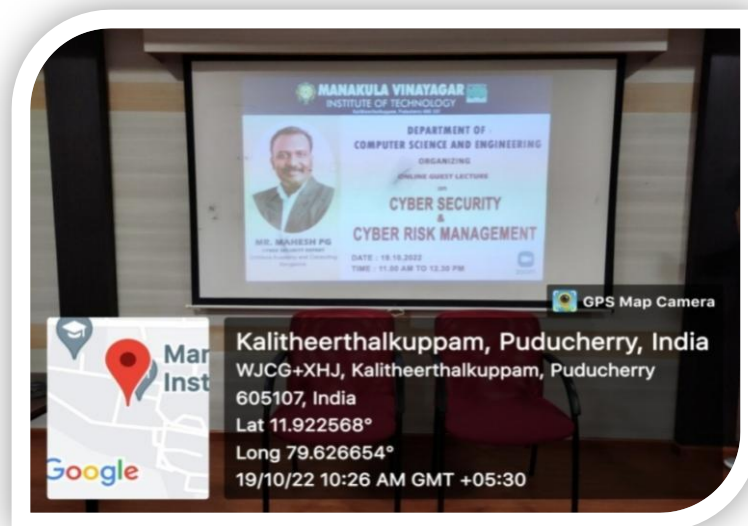
**PEO4: Ethical:** Our Graduates cultivate professional and ethical attitudes with effective communication skills, team work and multidisciplinary approach related to engineering issues.

## DEPARTMENT ACTIVITIES

- Workshop conducted on EDC And DSD Work Design Models for Second year Students by Mr. Raja, Raja electronics, Cuddalore from 13<sup>th</sup> Oct to 14<sup>th</sup> 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 19<sup>th</sup> 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 14<sup>th</sup> to 15<sup>th</sup> Nov 2022.



- Guest Lecture conducted on Competitive coding for Third year students by Mr.Lokesh, Software Architect, Atlassian on 23<sup>rd</sup> 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 28<sup>th</sup> 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 5<sup>th</sup> Sep to 9<sup>th</sup> Sep 2022.
- Mrs.G.Sharmila Asst.Prof has attended Five days FDP on Smart Manufacturing from 26<sup>th</sup> Sep to 1<sup>st</sup> Oct 2022.

- Mrs.R.Indumathi Asst.Prof has attended Five days FDP on “Cyber Security Analytics” organized by Bangalore Institute of Technology, Bangalore from 27<sup>th</sup> Sep to 1<sup>st</sup> Oct 2022.
- Mr.R.Sathishkumar Asst.Prof has attended two weeks ICTACT FDP on “Microsoft Philanthropy CSR Cyber Security” from 7<sup>th</sup> Nov to 16<sup>th</sup> 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 14<sup>th</sup> Nov to 25<sup>th</sup> 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 12<sup>th</sup> Dec to 16<sup>th</sup> 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 14<sup>th</sup> Dec to 15<sup>th</sup> 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 14<sup>th</sup> Dec to 15<sup>th</sup> 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 22<sup>nd</sup> and 23<sup>rd</sup> 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 2<sup>nd</sup> Dec 2022.
- Third year students visited “InfoCom Software, Cochin” for Industrial visit on 3<sup>rd</sup> Dec 2022.
- Second year students visited “CodeBlind Technologies, Coimbatore” for Industrial visit on 24<sup>th</sup> 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 23<sup>rd</sup> 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 25<sup>th</sup> 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 3<sup>rd</sup> & 4<sup>th</sup> 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 29<sup>th</sup> 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, Villianur, Puducherry Students on 2<sup>nd</sup> Dec 2022.

## **EDITORIAL BOARD**

### **STUDENT EDITORS**

LIENA.P –IV -B

PAVITHRA.M– IV-A

ARAVINTAKSHAN – III-B

ASHWIN KUMAR -III –A

HARIHARAN-II-A

OVIYA- II-B

### **Faculty in Charge**

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### **Contact Us**

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