



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



V.Pragatheesh & Revanth of third year CSE students has done a World Record Attempt on
"Vaccination Awareness" on 7th July 2021

Educate ~ Empower ~ Excel

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, Magazines and also connected with Internet Facility. The Department organizes Seminars, Workshops and Guest lectures 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.

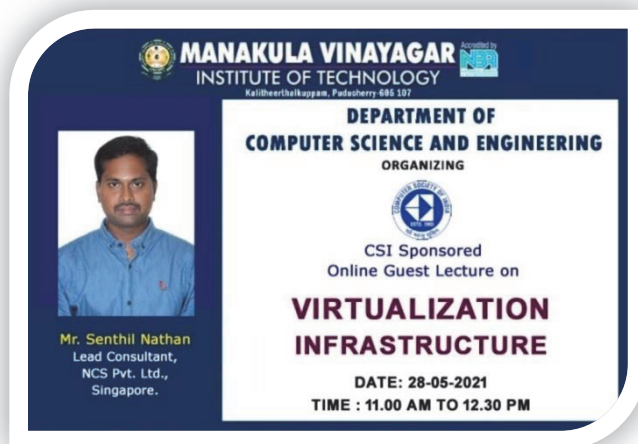
PEO2: Higher Education: Our Graduates shall be capable to pursue higher studies/research in the field of engineering and management.

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

- MSME-NICE sponsored Fifteen days Workshop on “Solar Water Pumping” for internal/External Faculties and Students



- CSI Sponsored Virtual Guest lecture on Virtualization Infrastructure by Mr.Senthil Nathan, Lead Consultant, NCS Pvt. Ltd., Singapore for II year and IV year CSE Students on 28th May 2021.
- Online Webinar on” Early Stage Entrepreneurs” by Mr. V.Vishnuvardhan, Chief Executive Officer, Atal Incubation Center,Pondicherry Engineering College for Ilyear and IVyear on 30th July 2021.
- Organized online FDP on “Multi Technology” National Youth Council of India, Brainovision solutions,India from 28th June to 3rd July 2021
- React JS Workshop National Youth Council of India, Brainovision solutions,India for IIIyear & IVyear from 5th to 10th July 2021.
- Guest lecture on “DevOps and AWS” by Mr.Aswin, Vgile Technology, Chennai for IIIyear and IVyear students on 27th April 2021.



Guest Lecture on “Version Control with GIT” by Mr. Mr.Manogajapathi Velmurugan, Senior Software Engineer Verizon, Chennai for Ilyear students on 28th April 2021



- Guest Lecture on “CICD in DevOps” by Ms. R.Daarani, Software Engineer, Saint-Gobian India Pvt. Ltd. Chennai for Ilyear and Ilyear students on 8th May 2021.
- Guest Lecture on “Cloud Computing -Spring Boot” by Mr.R.Balachandar, Senior Consultant Capgemini, USA for Ilyear students on 27th May 2021
- Guest Lecture on “Ethical Hacking and cyber security” Mr.Veeraragavel, Founder - CEO ,Techif Pvt Ltd for Ilyear and IVyear students on 3rd June 2021



- Guest Lecture on “Introduction to Android App Development” by Mr.B.Ezhilavan, MD, VEI Technologies, Chennai for IIIyear students on 5th June 2021.
- Guest Lecture on “How to Become an Entrepreneur” by Mr.Veeraragavel, Founder - CEO ,Techif Pvt Ltd for Ilyear students on 24th July 2021.
 - Conducted External Workshop on “Website creation using google site and conversion into mobile app” by Mr.S.Ashok Kumar, Assistant Professor, Department of CSE,MVIT in Dhanalakshmi Srinivasan Engineering College 1st & 3rd year students on 29th June 2021.
 - Mr.S.Ashok Kumar ,AP/CSE conducted Internal Workshop on “Website creation using google site and conversion into mobile app” for Ilyear CSE students on 19th June 2021.
 - Mrs.R.Saranya, AP/CSE conducted Internal Workshop on “Node Red Tool” for IV year students on 9th June 2021.
 - Conducted Seminar on “Blockchain Technology” for Ilyear & IIIyear Mailam Engineering College students on 30th July 2021.
 - Mrs.V.Selvi & Mrs.R.Indumathi Internal Workshop on “JFAP” an automata tool for Ilyear 30th July 2021.

FACULTY ACTIVITIES

- Dr.N.Palanivel, Assoc.Prof, Mrs.I.Varalakshmi, Asst.Prof, Mr.D.Lubin Balasubramanian Asst.Prof., has attended Five days AICTE sponsored FDP on “Internet of Things Applications” conducted by Abha Gaikwad-Patil College of Engineering, Nagpur from 2nd to 7th November 2020.

- Mrs.R.Saranya, Asst.Prof., has attended Five days AICTE-ISTE Sponsored online Induction/Refresher Programme “Internet of Things (IoT) Applications” from 2nd to 7th November 2020.
- Mrs.V.Selvi & Mrs.R.Indumathi Asst.Prof., has attended Five days ATAL FDP on “Augumented Reality(AR) / Virtual Reality(VR)” conducted by C.V. Raman Global University from 2nd to 6th November 2020.
- Mr.R.Rajbharath Assoc.Prof & Mr.R.Sathish kumar Asst.Prof has attended Five days ATAL FDP on “ROBOTICS” conducted by RGPV UNIVERSITY, MP from 3rd to 7th November 2020.
- Dr.N.Poonguzhali, Assoc.Prof has attended 2 weeks AICTE sponsored “E-Student Induction Programme” from 8th to 20th November 2020.
- Mr.P.Sathiyarayanan Asst.Prof has attended five days FDP on “Fundamentals of Kotlin (online Live FDP)”organized by ICTACT from 9th to 13th November 2020.
- Mrs.R.Saranya, Asst.Prof., has attended Five days ATAL FDP on “Internet of Things” conducted by JNTUA College of Engineering Kalikiri from 9th to 13th November 2020.
- Mr.D.Lubin Balasubramanian D Asst.Prof has attended five days FDP on “Cyber Security” conducted by Siddaganga Institute of Technology, Tumakuru from 9th to 13th November 2020.
- Mrs.V.Selvi, Mr. D. Lubin Balasubramanian Mrs.R.Indumathi, Asst.Prof has attended 2weeks ATAL FDP on “Ideas and Innovation in Block Chain Architecture Technology and its Research Applications” conducted by Syed ammal Engineering College from 16th to 29th November 2020.
- Mr.P.Sathiyarayanan Asst.Prof has attended Six days ATAL STTP on “Internet of Things and its Applications [Phase-II]” conducted by SRM Valliammai Engineering College from 16th to 21st November 2020.
- Mrs.R.Saranya, Asst.Prof., has attended Five days ATAL FDP on “Recent trends in IoT and IIoT for real world applications through LoRa and LoRaWAN” conducted by Bannari Amman Institute of Technology from 16th to 21st November 2020.
- Mr.R.Rajbharath, Dr. N.Palanivel Assoc.Prof & Mr.P.Sathiyarayanan, Asst.Prof. has attended Five days ATAL FDP on “Augumented Reality(AR) / Virtual Reality(VR)” conducted by GITAM university,Bangalore from 23rd to 27th November 2020.
- Mr.S.Ashok Kumar Asst.Prof., has attended Five days ATAL FDP on “Data Science using python” conducted by Government Polytechnic, Gandhinagar from 23rd to 27th November 2020.

- Mr.D.Lubin Balasubramanian D Asst.Prof has attended five days ATAL FDP on “Artificial Intelligence” conducted by CDAC Advanced Signal Processing Group from 23rd to 27th November 2020.
- Mrs.R.SARANYA Asst.Prof has attended five days ATAL FDP on “Blockchain Technology” Bangalore Institute of Technology, Bengaluru, Karnataka from 23rd to 27th November 2020.
- Dr. N.Palanivel Assoc.Prof has attended five days ATAL FDP on “Graphics Design” conducted by NITTTR, Chandigarh from 7th to 11th December 2020.
- Mr.S.Ashok Kumar,Mrs.R.Indumathi & Mrs.V.Selvi Asst.Prof has published an article entitled as “Jammer to detect and avoid hidden camera using EMP waves” in Solid State Technology on November 2020
- Dr.N. Poonguzhali Assoc.Prof has attended Six days AICTE-ISTE Refresher programme on “Data Science Analytics and Visualization Tools”from 21st to 26th December 2020.
- Dr.N. Poonguzhali Assoc.Prof has attended Five days Online Workshop on “Inculcating Universal Human Values in Technical Education” from 14th to 18th December 2020.
- Mr.A.Sankaran A Asst.Prof has attended five days Workshop on “Research Methodologies & Data Analysis” conducted by Arya Institute of Engineering & Technology”, Jaipur (Rajasthan) from 5th to 9th January 2021.
- Dr.S.Pariselvam,Prof has attended Five days ATAL FDP on “Cyber Security” conducted byUniversity College of Engineering, Osmania University from 18th to 23rd January 2021
- Mrs.I.Varalakshmi Asst.Prof has attended AICTE sponsored five days FDP on “Challenges and Research Directions for Blockchain in the Internet of Things” conducted by Sona College of Technology, Salem from 8th to 13th February 2021.
- Mr.R.Sathishkumar, Asst.Prof has attended Seminar on “Research Issue in medical Image Processing” conducted by St.Mother Thersa Engineering College ,Thukoodi on 20th February 2021.
- Mrs.R.Saranya, Asst.Prof has attended five days FDP on “Angular JS” conducted by ICTACT from 22nd to 27th February 2021.
- Mrs.R.Saranya, Asst.Prof has published an article entitled as “Blockchain Integration with IoT for Security and Privacy Issues” in International Journal of Mathematical Archive on February 2021 Volume 10, No.01, ISSN: 2305-7246

- Dr.N. Poonguzhali Assoc.Prof has attended five days FDP on “Advancement of Intelligent System and Computation” conducted by JIS College of Engineering, West Bengal from 20th to 24th April 2021.
- Mr.R.Raj Bharath, Assoc.Prof has attended One week AICTE sponsored online FDP on “IOT and its Application” conducted by Annamalai University from 12th to 18th May 2021.
- Dr.N.Poonguzhali Assoc.Prof has attended One week online STTP on "PCB Designing and Arduino Development" conducted by ARMIET from 17th to 23rd May 2021.
- Dr.N. Poonguzhali Assoc.Prof has attended One Week AICTE-ISTE Orientation/Refresher Programme on “Recent Challenges in Teaching Pedagogy” conducted by Chouksey Engineering College, Bilaspur, Chhattisgarh from 21st to 27th May 2021.
- Mr. Sankaran A, Asst.Prof has attended One day Workshop on “ Sources of Research Grants and Art of Writing Research Paper” conducted by RL JALAPPA Institute of Technology on 3rd June 2021.
- Mrs.R.Saranya, Asst.Prof has attended two days FDP on “Recent Advancements in Artificial Intelligence and Machine Learning” conducted by Arunai Engineering College from 10th & 11th June 2021.
- Dr.S.Pariselvam, Prof has attended “Effective Teaching Learning Methods towards OBE-Phase III” conducted by Velammal Institute of Technology from 14th June to 18th June 2021
- Mrs.R.Saranya, Asst.Prof has attended Three days FDP on “INSIGHTS OF MBA” conducted by Management Studies And Research, Thane FROM 28th to 30th June 2021.
- Dr.N.Palanivel, Assoc.Prof & Mrs.I.Varalakshmi Asst.Prof has attended AICTE sponsored Six days FDP on “Multi Technology” conducted by National Youth Council of India, Brainovision solutions, India from 28th June to 3rd July 2021.
- Mr. Sankaran A, Asst.Prof has attended one day FDP on “Outcome Based Education” conducted by Institute of Information Technology on 10th July 2021.
- Mr. Sankaran A, Asst.Prof has attended five days FDP on “Research Areas in Artificial Intelligence & Machine Learning with Case Studies” conducted by INTERNATIONAL SCHOOL OF TECHNOLOGY & SCIENCES FOR WOMEN from 14th to 20th June 2021.
- Mrs.I.Varalakshmi has presented a paper entitled as “Detection Of Distributed Denial Of Service Attack In An Internet Of Things Environment -A Review” in IEEE international Conference on Systems, Computation, Automation and Networking on 30th July 2021

- I.Varalakshmi published the book chapter entitled as “Human computer interaction for detection of hand Gesture using 3D convolutional neural network in Machine learning techniques” title of the book “Research Challenges in Science, Engineering and Technology” March 2021.
- A.Sankaran, S.Ashok Kumar,P.Sathiyarayanan submitted a chapter titled as “IoT applications and their implementations” and title of the book is “Internet of Things: Security and Privacy in Cyberspace” Published by Springer March 2021.
- A.Sankaran, submitted a chapter titled as “Machine Learning Forensics: A New Branch of Digital Forensics” and title of the book is “Confluence of AI, Machine, and Deep Learning in Cyber Forensics” published by IGI Global USA March 2021.
- Dr. N. Palanivel, submitted a chapter titled as “A Novel Adaptive Authentication Scheme for Securing Medical Information stored in Clouds” and title of the book is “A Novel Adaptive Authentication Scheme” published by River Publishers, Denmark April 2021.

STUDENT ACTIVITIES

- Mr.Srikanth & MOHAMMED SALEEM of Third year students has completed NPTEL certification on “DBMS” on 18th December 2020.
- Mr. YOGESHWARAN K of Third year students has completed NPTEL certification on “Python for Data Science” on 18th December 2020.
- PAVITHRA M of Second year students has completed NPTEL certification on “The Joy of computing using Python” on 19th December 2020.
- SAHANA ASHOK of Second year students has completed NPTEL certification on “Problem solving through programming in C” on 19th December 2020.
- SAHANA ASHOK of Second year students has completed NPTEL certification on “Constitutional Studies” on 19th December 2020.
- Mr.J.G. SRI BALAJI & V.P. PURUSHOTHAMAN, of Third year students has completed NPTEL certification on “DBMS” on 21st December 2020.
- Ms.Bhavadharani, Ms.R.Sasi ,Ms.Amala Margret & Ms.Dharaneeshwari of final year students are shortlisted for the National Convention of 4th AICTE-Chhatra Vishwakarma Awards 2020 for the project “Smart Accident Management System” held on 8th March 2021.
- Sahana Ashok of Ilyear student has completed internship at VI Solutions, Bangalore from 19th April to 21st May 2021

- Sahana Ashok of Ilyear student has undergone 10weeks internship at ShapeAI from 1st June 2021 onwards.
- Mr.Buvaneshwaran, Harishankaran, Mr.Madhavan and Mr. Ajay of Second year students are finalist of TOYCATHON '21 for the project “Grand Farm” 24th June 2021
- Mr.Meenatchisundaram, Mr.Yokeshwaran, Mr.DhineshKumar, Mr.Jayasuriya and Mr.AravindKumar of third year students are finalist of TOYCATHON '21 for the project “Ettu Kottai” held on 24th June 2021
- Ms.R.RAMYA won Second prize Kargil Vijay Diwas Video Making Competition (virtual mode) conducted by Manakula Vinayagar Institute of Technology on 26th July 2021.
- Sahana Ashok, Thirumurugan & Maha Lakshmi of II year CSE students undergone Two weeks Internship in GSK Technologies
- D.Vishvapriya,S.Kishor,S.Keerthana,S.Kalaiyarasan & Shithin Raj of Third year students undergone Internship through TCS Inframind .
- S.Vignesh of third year student got Internship offer through ZoHo.
- Balakumaran R of third year student got Internship offer through Learnly Technologies.



V.Pragatheesh & Revanth of third year CSE students has done a World Record Attempt on “Vaccination Awareness” on 7th July 2021

EDITORIAL BOARD

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