Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Accredited by NAAC with the HIGHEST GRADE A++

NEWSLETTER

SCHOOL OF COMPUTING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2024 JULY - 2024 SEP   / VOLUME 10 / ISSUE 1

VISION AND MISSION OF THE DEPARTMENT

VISION

To produce intellectual graduates who could contribute significantly in the analysis, design, development, operation and maintenance of complex software systems for meeting the ever-changing requirements of service systems and to compete globally towards professional excellence.

MISSION

M1: Design curricula for imparting training in adapting newer computing methods and technologies for providing effective and efficient solutions to the existing / new problems.

M2: Emphasizing in-depth knowledge of the subjects by employing Information and Communication Technology (ICT) based pedagogy methods.

M3: Creating a conducive research environment for making technological innovations by the faculty and students.

M4: Providing leadership skills and professional ethics thereby making a prolific career in academics and industry.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Formulate, solve and analyze Computer Science and Engineering problems using necessary mathematical, Scientific and engineering fundamentals.

PEO2: Demonstrate the impact of cutting-edge technologies to accomplish social and professional responsibilities.

PEO3: Demonstrate critical thinking, communication, teamwork, leadership skills and ethical behavior necessary to function productively and professionally.

PEO4: Pursue higher education at reputed institution in India and abroad, work in product development companies and engage in lifelong learning.

PROGRAM OUTCOMES (POs)

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design / Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

NEWSLETTER

The Department of Computer Science & Engineering (CSE) was established in the year 1997. The department has grown to current strength of 4205 students from a humble beginning with 250 students. The department is equipped with the latest state-of the art laboratories. The department has a dedicated team of faculty members with 37 Professors, 63 Associate Professors and 213 Assistant Professors. Our students are having the membership in professional societies like CSI, IEEE-CS, IEEE-PCS, IEEE-WIE, ACM & ISTE. Our students have been placed with leading MNC's like Amazon, Cisco, Accenture, Capgemini, Virtusa, Wipro, ZOHO, KAAR technologies, TCS, Microsoft, Infosys, Cognizant, HP and Verizon. For further details: www.veltech.edu.in/cse

EVENTS			
TECHNICAL EVENTS	STUDENTS ACHEIVEMENTS	PLACEMENT RECORD	RESEARCH PUBLICATIONS

INSTITUTION LEADERSHIPS

Col. Prof. Vel. Dr. R. Rangarajan
B.E. (Elec), B.E. (Mech), M.S. (Auto), D.Sc.,
Founder President & Chancellor

Dr. Sagunthala Rangarajan
MBBS
Foundress President

Mrs. Rangarajan Mahalakshmi Kishore
B.Tech, M.Tech, MBA(UK),
Chairperson & Managing Trustee

Prof. Dr. Rajat Gupta
Vice-Chancellor

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M.Tech, Ph.D
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Associate Dean - SOC

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Professor & Head

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HoD - CSE

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Assistant Professor(SG) - CSE

Dr.N. Malarvizhi
Professor/CSE

STUDENT EDITORS

BODDU SWAPNAMADHURI
VTU23242

HONEYSH V
VTU25423

SRI DHANAM M K
VTU26284

INFOSYS SPRINGBOARD IDEATHON 2024

Kamalesh T (VTU21442), along with his fellow Computer Science and Engineering (CSE) students—Sanjai A (VTU21510) , T Fabio Mugilan (VTU22423), Ari Hara Sudhan V (VTU23457), and Madhumita Kannan (VTU22364)—achieved significant recognition by winning1st prize in the InfosysSpringboard Ideathon contest organized by Infosys Springboard in Bangalore. Infosys Springboard is an initiative designed to promote skill development and foster innovation among students and professionals.

Project Mentor: Dr G.Anurekha, Asst. Prof.-CSE(DS) ,TTS 3653
Title: BLOCKCHAIN AND VR INTEGRATION IN HYBRID WORK MODEL
Domain: Future of Hybrid Work
Date of Event: 23th August, 2024

TECHNICAL EVENT
DMX 2K24

Surapet, Tamil Nadu, India
New Admin Block, Surapet Main Rd, Surappattu, Kolathur, Surapet, Chennai, Tamil Nadu 600066, India
Lat 13.149192°
Long 80.191818°

Tejashree TR (VTU21891), B. Jahnavi (VTU21889), and A.R. Jayanth (VTU21519), third-year students from the Department of Artificial Intelligence and Data Science (AI&DS), achieved an impressive milestone by securing 2nd place in the paper presentation contest at DMX 2K24. Their presentation focused on their research paper titled "Hyper-Personalized Product Recommendation System." The event, DMX 2K24, is a National Level Technical Symposium organized by the Department of Mechanical Engineering at Velammal Engineering College. This accomplishment showcases their innovative approach and understanding of advanced data science techniques in developing personalized solutions in the field of product recommendation.

Title: Hyper-Personalized Product Recommendation System
Date of Event: 31st August, 2024

Music competition
Samuel Jimrys S (VTU20360), Dhivyesh KN (VTU23167), Dev Harris L (VTU19469), Dev Harol L (VTU19468),
Chaitanya Kumar(VTU19303), Danny Navis (VTU24361)

Organizer: Government Kilpauk Medical College (KMC)
Event: Battle of Bands Prize: Rs.15000/-

Music competition
Organizer: Pondicherry Institute Of Medical College (PIMS)
Event: Battle of Bands Prize: Rs.15000/-

Hasna K H and Anoop Sachin K from the Department of Computer Science and Engineering (CSE) secured First Prize at the technical fest AI-ZYPHER'24. The event provided a platform for students to demonstrate their knowledge and creativity in the field of artificial intelligence and emerging technologies. Through active participation in various technical activities and competitions, they showcased strong problem-solving skills and innovation. Their achievement reflects dedication, teamwork, and technical excellence, bringing recognition to their department and inspiring fellow students to actively participate in such academic events.

Event Details
 • Event Name: AI-ZYPHER'24
 • Date: 26–27 September 2024
 • Venue: SRM Institute of Science and Technology, Ramapuram Campus

SOFTWARE TESTING IN MEDICAL DEVICES

An alumni interaction session was organized for 3rd-year Computer Science and Engineering (CSE) students, where Mr. Sundheep V.H., a 2013 VTU alumnus and Lead Engineer at L&T, Chennai, delivered an insightful talk on "Software Testing in Medical Devices." During the session, he explained the importance of software testing in ensuring the safety and reliability of medical devices. He highlighted key aspects such as risk-based testing, test automation, and regulatory standards followed in the medical technology industry.

Event Details
 • **Session Title: Software Testing in Medical Devices**
 • **Date: 10 September 2024**
 • **Venue: Block 33, Room 33139**

JAVA BASICS AND CORE CONCEPTS

An informative technical session titled "Mastering Java Basics" was conducted for 2nd-year Computer Science and Engineering (CSE) students by Mr. Dhamodharan Ranganathan, Director of Staminal Technologies Pvt. Ltd. and a 2009 VTU alumnus.During the session,he explained key topics such as control flow statements, loops, and conditional structures while highlighting Java's role in enterprise application development. Students were guided through problem-solving exercises and encouraged to write clean, efficient, and reusable code.

Event Details
• **Session Title:** Mastering Java Basics
• **Date:** 19 September 2024
• **Speaker:** Mr. Dhamodharan Ranganathan, Director, Staminal Technologies Pvt. Ltd

ENGINEERING TO BUSINESS ROLES

An alumni interaction session was conducted for 3rd-year Computer Science and Engineering (CSE) students, where Mr. Aravind, a 2018 VTU alumnus and Senior Business Analyst at Aspire Systems, Bangalore, shared his insights on transitioning from technical roles to business-oriented careers. During the session, he discussed the differences between engineering and business functions and emphasized the importance of skills such as communication, decision-making, and collaboration. He also suggested certifications like **CBAP, PMP,** and **Agile** to support career growth in this field.

Event Details
- **Session Title: Engineering to Business Roles**
- **Date: 21 September 2024**
- **Venue: Block 33, Room 33302**

TELECOMMUNICATION NETWORKING PRODUCTS

Morai, Tamil Nadu, India
53GW+6WR, Morai, Tamil Nadu 600055, India

An alumni session was conducted for 3rd-year Computer Science and Engineering (CSE) students, where Ms. S. Akchaya, a 2018 VTU CSE alumna and Assistant Manager at VOIS, Bangalore, shared insights on emerging trends in telecommunication networking. The session highlighted the impact of 5G technology and the growing need for high-speed and reliable communication networks.She also discussed key networking technologies such as routers, switches, (SDN) and N (NFV), along with industry challenges like cybersecurity and infrastructure upgrades.
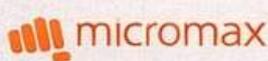
EVENT DETAILS
 • **SESSION TITLE:** TELECOMMUNICATION NETWORKING TRENDS
 • **DATE:** 23 SEPTEMBER 2024
 • **VENUE:** BLOCK 33, ROOM 33301

PLACEMENT ACTIVITIES
2024 – 2025

S.No.	Company	Count	CTC
1	Zoho (Internship)	3	25k/Mon
2	Mu Sigma	14	5
3	CISCO	1	17.9
4	Infosys	1	9.5
5	ADP India	5	8.8
6	Trane Technologies	1	6
7	Sasken Technologies	1	5
8	Pascalcase	6	4
9	Amadeus Labs	1	12.6
10	Micromax	1	6
11	o2h Technology	1	12k/month

BEST PAPER AWARD

CERTIFICATE OF APPRECIATION

This is to certify that

Dr./Mr./Ms **Kujani T** from **Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology** has presented a paper titled **Quantum Resnet18 for Classifying and Predicting the Maize Leaf Diseases**, co-authored with **-** and won the BEST PAPER award in the 3rd International Conference on **RECENT ADVANCES IN ELECTRICAL, ELECTRONICS, UBIQUITOUS COMMUNICATION AND COMPUTATIONAL INTELLIGENCE (RAEEUCCI - 2024)**, TECHNICALLY CO-SPONSORED BY THE IEEE, held from 17th & 18th August 2024, organized by the Department of Electronics and Communication Engineering, SRMIST, Kattankulathur, Tamil Nadu, India

Dr. Kujani T from Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology presented a research paper titled "Quantum ResNet18 for Classifying and Predicting Maize Leaf Diseases." The paper was presented at the 3rd International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI-2024).The conference brought together researchers and academicians to share innovative ideas and recent advancements in technology. Dr. Kujani's research work, co-authored with colleagues, received the Best Paper Award, recognizing the quality and impact of the study

Event Details
 • **Conference: RAEEUCCI-2024**
 • **Date: 17–18 August 2024**
 • **Venue: SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu**

BEST PAPER PRESENTER

Dr. T. Kujani from Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology received the Best Paper Presenter Award at the International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS). The recognition was awarded for a research paper on skin lesion classification using transfer learning models, highlighting innovative applications of artificial intelligence in dermatological analysis.The conference brought together researchers and academicians to discuss recent advancements in computational intelligence and related technologies.

Event Details
 • **Conference: IACIS**
 • **Date: 23–24 August 2024**
 • **Organizer: Navkis College of Engineering, Hassan, Karnataka**

ANDROID GAME DEVELOPMENT

A short course titled "Android Game Development" was conducted from 22 to 24 July 2024 by Dr. Jey Chelladurai from East Stroudsburg University, USA. The session introduced participants to the fundamentals of developing games for the Android platform.

During the course, students learned about setting up the development environment using Android Studio and Java, designing game loops, implementing graphics and animations, handling touch inputs, and integrating audio features. The program also highlighted techniques for optimizing game performance across different devices and encouraged students to explore additional learning resources for further development in game design.

Event Details
- **Course Title: Android Game Development**
- **Date: 22–24 July 2024**

GAME DEVELOPMENT FOR ANDROID

A short course on "Natural Language Processing (NLP)" was conducted from 19 to 23 August 2024 under the guidance of Dr. Kasturi Dewi Varathan, Associate Professor at the University of Malaya. The program introduced students to the fundamentals of NLP and its applications in modern data analysis.The course covered key topics such as text preprocessing, language models, part-of-speech tagging, named entity recognition, sentiment analysis, and machine translation. Participants also engaged in hands-on activities using relevant tools and programming techniques, helping them gain practical understanding of NLP concepts and their real-world applications.

Event Details
- **Course Title: Natural Language Processing**
- **Date: 19–23 August 2024**

VEHICULAR AND MOBILE NETWORKS

A short course on "Vehicular and Mobile Networks" was conducted from 22 to 24 August 2024 by Dr. Lamia Chaari Fourati, Professor at the Computer Science and Multimedia Higher Institute (ISIMS), Sfax University, Tunisia. The program introduced students to modern communication technologies used in connected and automated vehicles.

The course covered topics such as vehicle-to-everything (V2X) communication, network protocols, Quality of Service (QoS), and security in vehicular networks. Participants also engaged in practical sessions using simulation tools to understand network performance and emerging research trends in vehicular communication systems.

Event Details
 • **Course Title: Vehicular and Mobile Networks**
 • **Date: 22–24 August 2024**

SYMBOLIC AND CONNECTIONIST AI

Objective:
To provide participants with a strong foundation in Symbolic AI and Connectionist AI, enabling them to understand logic-based reasoning systems and neural network models, and to explore their practical applications in solving real-world problems.

Outcome:
Participants gained in-depth theoretical knowledge and hands-on experience in implementing AI techniques. They developed a clear understanding of the strengths and limitations of both Symbolic and Connectionist approaches, equipping them with the analytical skills required to apply AI solutions effectively in diverse domains.

Resource Person:
Dr. Marco Castellani
Senior Lecturer, Mechanical Engineering
University of Birmingham
Date of Event: 16.09.2024 to 20.09.2024

7 HABITS OF SUCCESSFUL LEADERS

Objective: To provide participants with practical insights and actionable strategies based on the seven key habits that successful leaders embody, fostering personal and professional growth.

Outcome: Participants gained a deeper understanding of the essential habits of successful leaders, equipping them with the skills and mindset to enhance their leadership effectiveness and drive positive results within their organizations.

Resource Person: Mr.Narasimha Rao. B
Soft Skill Trainer,
Fincare Finance Bank, Chennai

Date of Event: 15.07.2024 and 16.07.2024

GEN AI WITH PROMPT ENGINEERING

Objective: The workshop aims to providea comprehensive learning experience, beginning with an introduction to GenerativeAI and its applications, followed by sessions designed to enhance written, verbal, and non-verbal communication skills.

Outcome: By the end of the workshop, participants had a solid foundational understanding of generative AI and its applications— the ability to craft effective resumes that showcase their skills and experiences.

Resource Person: Girish Karadalli
Project manager, Agile coach inbosch Bangalore

Date of Event: 19.07.2024

Resource Person: Mr. Saravana Prabhu Subramaniyan
SQC Specialist, KLA (Ex Amazon)Co-Founder of Waren VM3 Inc, Coimbatore

Date of Event: 19.07.2024

Objective: To get the awarenessof the strategies to approach the programmingInterview questions and how to crack those interview questions.

Outcome: The students understood the steps and strategies to solve programming problems along with the eight pillars of programminglanguage.

CYBER SECURITY AFTER THE RISE OF AI

Objective: Aim to provide participants with a comprehensive understanding of the intersection between AI and cybersecurity.

Outcome: The outcomes of the seminar would equip participants with the knowledge, skills, and strategies needed to navigate the evolving cybersecurity landscape in the age of AI, fostering a proactive and informed approach to cybersecurity challenges and opportunities.

Resource Person: Dr.Sibi Chakkaravarthy Sethuraman,
Associate Professor & Research Head – AI VIT-AP University, Andhra Pradesh

Date of Event: 19/07/2024

CLOUD SECURITY AND DATA DEDUPLICATION

Resource Person: Dr.Sibi Chakkaravarthy Sethuraman,
Associate Professor & Research Head – AI VIT-AP University, Andhra Pradesh

Date of Event: 26.7.2024

Objective: Aim to provide participants with a comprehensive understanding of the intersection between AI and cybersecurity.

Outcome: The outcomes of the seminar would equip participants with the knowledge, skills, and strategies needed to navigate the evolving cybersecurity landscape in the age of AI, fostering a proactive and informed approach to cybersecurity challenges and opportunities.

LOCALIZATION TECHNIQUES FOR IOT

Resource Person: Dr. R.Preeth
Assistant Professor
Dept. of Computer Science and Engineering Indian Institute of Information Technology Design and Manufacturing, Kancheepuram

Date of Event: 30.07.2024

Objective: Localization in IoT environments and precision systems is crucial for applications ranging from asset tracking to autonomous vehicles.

Outcome: GPS and UWB offer high accuracy in outdoor and indoor environments respectively, making them suitable for precision applications like autonomous drones or robotics.

NO SQL AND MONGO DB DATABASE

Resource Person: Dr.A.Martin
Professor, Department of CS
 Central University of Tamil Nadu, Thiruvarur

Date of Event: 14.8.2024

Objective: To train participants in the practical use of NoSQL databases, with a focus on MongoDB, including data management, schema design, performance optimization, and security practices.

Outcome: Participants gain hands-on experience in MongoDB: by Performing CRUD operations and managing data effectively. Handling Real-World Data: Managinglarge datasets and distributed databases.

BUSINESS INTELLIGENCE USING POWER BI

Resource Person: Mr. S.Thamizhselvan
Engineering Manager Circana Inc, Pune

Date of Event: 09.08.2024

Objective: To enhance the operational practices with more strategic and business-oriented approaches used in Power BI with Hands-On Training.

Outcome: Students were able to convert unrelated sources of data into coherent, visually immersive, and interactive dashboards. Students experienced the use of tools like PowerBI Desktop and demo programs for Business Analysis Applications.

AWARENESS PROGRAMME ON CYBER CRIME

Resource Person: Ms.Premila, Inspector of Police &
Mr.Aravind Gnanan Baskaran

Date of Event: 06.08.2024

Objective: Individuals to protect personal data and devices. Businesses to safeguard sensitive information and maintain customer trust.

Outcome:
1. Career opportunities in cyber security and related fields.
2. Leadership roles in promoting cyber awareness and onlinesafety.
3. Community engagement and education on cyber safety.
4. Development of innovative solutionsto combat cyber-crimes.
5. Lifelong learning and adaptation to emergingcyber threats.

AWARENESS PROGRAMME ON CYBER CRIME

Date of Event: 12.08.2024

Objective: To encourage creativity and innovation in visualizingAI concepts and ideas.To provide a platform for participants to showcase their understanding of AI and its applications.

Outcome: Increase awareness and understanding of AI concepts, applications, and benefits among participants, viewers, and the wider community. Spark inspiration and creativity in participants and viewers, encouraging them to explore AI and its potential.

Prize/Winner:
First Prize: S.MONISH (VTU19950) & M.SAI CHARAN (VTU20261)
Second Prize: KK.SOMNATH (VTU24560)& S.KISHORE (VTU24452)
Third Prize: ALTAF SARWAR (VTU23782) & SAIHARUN (VTU22147)

CHATTY CATERPILLAR CHALLENGE

Date of Event: 13.08.2024

Objective: To equip them with essential skills such as communication, critical thinking, teamwork, and leadership, which are invaluablefor their personal and professional development.

Outcome: Participants demonstrated improved communication skills through articulate expression of ideas and opinions. Critical thinking abilities were evident as participants analyzed diverse perspectives and formulatedwell-reasoned arguments.

Prize/Winner:
First Prize: VTU 22302 - M. Akhil Kumar Reddy (Rs. 5000/-)
Second Prize: VTU 21891 - R. Tejashree (Rs. 3000/-)
Third Prize: VTU 23909 - Anoop Sachin. K (Rs. 1000/-) & VTU 22611 - Jaya Soorya (Rs. 1000/-)

Date of Event: 03.09.2024

Objective: To encourage participants to devise innovative hardware and software solutions that address real-world problems, aligned with India's national development priorities in health, agriculture, education, and sustainability.

Outcome: Students enhance their technical, collaboration, and critical thinking skills, preparing them for future industry or research roles.

BUILDING SMART APPLICATION USING IOT

Resource Person: Mr.A.Kesavan,
CEO, Quantanics Techserv Pvt Ltd Madurai

Date of Event: 03/09/2024

Objective: The objective of a hands-on workshop focused on building smart applications using IoT is to provide participants with a practical understanding of designing and deploying IoT-enabled solutions.

Outcome: Participants gained hands-on experience with IoT hardware (sensors,microcontrollers, communication modules.

REINFORCEMENT LEARNING

Resource Person: Dr.V.MAHENDRAN
Assistant Professor IIT Tirupati.

Date of Event: 06/09/2024

Objective: To Enlighten the students about the uses of Reinforcement Learning in Hands-OnTraining.

Outcome: Students were able to understand, the uses of Reinforcement Learning used in industry effectively.

PALO ALTO CLOUD SECURITY FUNDAMENTALS

Resource Person: Mr. SIVA GOPAL K
Technical Trainer – Training and Development, ICT Academy, TamilNadu.

Date of Event: 09.09.2024 to 13.09.2024

Objective: To initially set up andconfigure containers on a docker bridge network and test the containersecurity through the use of vulnerability scans and reports.

Outcome: Identify cloud native security including Kubernetes security, DevOps, and DevSecOps, and visibility, governance, and compliance challenges.

PERSNOL DEVLOPMENT FOR ENGINEERS

Resource Person: Ms. Rita Glades Mary
Senior Manager HR and L&D Lead Synergy Maritime Pvt. Ltd.
 Chennai.

Date of Event: 04.09.2024

Objective: To empower engineers with essential personal and professional development skills that enhance their technical expertise and foster holistic growth.

Outcome: Attendees will identify and develop key leadership traits, preparing them to take on greater responsibilities and lead teams confidently.

SMART HEALTHCARE WITH AI AND IOT

Resource Person: Dr. P.Kumaran,
Assistant Professor
National Institute of Technology Karaikal, Pondicherry.

Date of Event: 06.09.2024

Objective: To Enlighten the students about the various novelties used in healthcare applications.

Outcome: Students effectively understood the latest technologies used in the healthcare sector. They experienced the use of IoT sensors in the healthcare applications. Students were also made aware of "AIoT in healthcare."

BLOCKCHAIN TECHNOLOGY USING REMIX AND GANACHE

Resource Person: Mrs. Vijayalakshmi
Senior Developer Advocate Open Weaver India Private Ltd., Chennai.

Date of Event: 20.09.2024

Objective: The objective of this workshopis to provide participants with a practical understanding of Blockchain technology by developing smart contracts and deploying them using Remix IDE and Ganache.

Outcome: Gain practical experience in writing, testing, and deployingsmart contracts using Solidity programming language in Remix IDE.

RECENT TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Resource Person: Dr. A.Kannan,
Former Professor & Head, Dept. of Information Science and Technology,
CEG Campus, Anna University, Chennai.

Date of Event: 26.09.2024

Objective: To familiarize students with the fundamental concepts of Artificial Intelligence (AI) and Machine Learning (ML) principles.

Outcome: Students now understand the core principles and foundational concepts of AI and machine learning.

INNOVATE TO ELEVATE: EMPOWERING NEW INDIA

Date of Event: 26.09.2024

Objective: To encourage students to develop creative and innovative solutions to address key challenges in India across sectors such as education, healthcare, agriculture, disaster management and women safety.

Outcome:
- Increased innovative and problem solving skills
- Showcase of InnovativeIdeas for National Growth
- Continuous improvement through constructive feedback
- Enhanced confidence in critical thinking and Q&A handling

EDITOR IN CHIEF

Dr. S P. Chokkalingam
Dean - School of Computing

Prof. Dr. V. Dhilipkumar
Associate Dean - SOC

Prof. Dr. N. Vijayaraj
Professor & Head

Dr. M. S. Muralidhar
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"

You automatically lose the chances you don't take. Remember this: Be kind to your mind. Be yourself.

The harder you work for something, the greater you will feel when you achieve it.