Computer Science & Engineering

NEWS LETTER
CSE News Bulletin

Highlights

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➢ FacultyParticipationinWorkshop/Seminar

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➢ FacultyAchievements

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Department Vision & Mission

Vision

To excel in technical education and research in area of Computer Science &Engineering and to provide expert, proficient and knowledgeable individuals with high enthusiasm to meet the Societal challenge.

Mission

M1: To provide an open environment to the students and faculty that promotes professional and personal growth.

M2: To impart strong theoretical and practical background across the computer science discipline with an emphasis on software development and research.

M3: To inculcate the skills necessary to continue their education after graduation, as well as for the societal needs.

Conference/Workshop/Seminar(s) Organized

Event-1

One Day Workshop On "Social Information Network - Data Analysis and Visualization" Organized by Department of Computer Science & Engineering in association with Institute of Electrical and ElectronicsEngineers (IEEE)

Held on 06th January 2024.

Resource Person:: Dr. R. Rajkumar, Professor, School of Computer Science andEngineering, Vellore Institute of Technology, Vellore.

Event-2

Three Days Workshop on "Robotics & AI: Building Intelligent Machines" Organized by MITS Skill Development Cell in association with Department of CSE.

Held on 29th January 2024 to 31st January 2024.

Event-3

Webinar on "Exploring the Landscape of Machine Learning Algorithms: A Comprehensive Overview"

Held on 31ˢᵗ January 2024.

Event-4

International Online Faculty Development Programme Organized by Department of Computer Science & Engineering

On "Emerging Tools & Techniques in Machine Learning and Data Science" in Association with Computer Society of India

(CSI) Held on 5ᵗʰ February 2024 to 10ᵗʰ February 2024.

Event-5

Three Days Hand's on Training Program on "Cloud Computing with Amazon Web Services" Organised by Department of Computer Science & Engineering In Association with ISTE Chapter, MITS

Held on 19ᵗʰ February to 21ˢᵗ February 2024.

Event-6

Guest Lecture on "Bottom-Up Parsing & Syntax Translation with YACC"

Held on 5ᵗʰ March 2024.

Event-7

Internal Project Expo –2024 Organized by Department of Computer Science & Engineering In Association with Institute Innovation Council (IIC)

Held on 18th March 2024.

Event-8

A Two Day Hands-on Workshop on "Smart and Sustainable IoT"

Held on 21st March 2024 & 22nd March 2024.

Event-9

One Week Online National Level Faculty Development Programmeon "Impact of Emerging Technologies in AI/ML and Data Science" organized by Department of Computer Science & Engineering In Association with Computer Society of India (CSI)

Held on 26th February 2024 to 2nd March 2024.

Faculty Participation in Workshop/Seminar

S.No	Event Type	Faculty Attended Events
1	FDP	74
2	STTP	1
3	Workshops	1
4	Conference	7
	Total	**83**

Research Activities

Details of Journal Papers

S.No	Name of the Faculty	Title of the paper	Published Journal	Published Month
1	Mrs.Sangeetha Murugan	Early prediction of chronic heart disease with recursive feature elimination and supervised learning techniques	IAES-International Journal of Artificial Intelligence (IJ-AI)	March 2024
2	Mrs. V. Nirupa	Detection and Classification of Diabetic Retinopathy Using Inception V3 and Xception Architectures	International Journal of Nutrition, Pharmacology, Neurological Diseases.	March 2024
3	Dr. R. Sundar	Future directions of artificial intelligence integration: Managing strategies and opportunities	Journal of Intelligent & Fuzzy Systems	March 2024
4	Dr. R. Sundar	Cloud computing encrypted image retrieval strategy in cloud computing using a hybrid optimization algorithm	Journal of Intelligent & Fuzzy Systems	March 2024
5	Mr.M.Rajasekaran	White Hole Attacker Detection In Mobile Adhoc Network	Journal of Theoretical and Applied Information Technology	March 2024
6	Mr.M.Rajasekaran	A Review of Power Management Approaches for Mobile Ad Hoc Networks	Journal Européen des Systèmes Automatisés	February 2024
7	Dr. R. Kalpana	Analysis on quantum reinforcement learning algorithms for prediction of protein sequence	Optical and Quantum Electronics	January 2024
8	Mr. MohamedYousuff A.R	Leveraging deep learning models for continuous glucose monitoring and prediction in diabetes management: towards enhanced blood sugar control	International Journal of System Assurance Engineering and Management	January 2024
9	Mr.G.Muthugurunathan	Predictive Analytics in Stock Markets: Unleashing the Power of IoT	International Journal Of Intelligent Systems And Applications In	January 2024

		and Machine Learning	Engineering	
10	Mr. K H Shabbeer Basha	Analysis of Voltage Source Inverter with Photovoltaic Renewable Energy Source for Improving Power Quality in Solar	International Journal of Intelligent Systems and Applications in Engineering	January 2024
11	Mrs. Deepthi. P	Comparative study on Machine learning and Fuzzy logic based approach for enhancing Credit Card Fraud Detection.	International Journal of Intelligent Systems and Applications in Engineering	January 2024
12	Mrs.ThripthiP. Balakrishnan	Enhancing the Food Processing in Industry 5.0 based on Artificial Intelligence.	International Journal of Intelligent Systems and Applications in Engineering	January 2024

Details of Conference Papers

S.No	Name of the Faculty	Title of the paper	Name of the Conference
1	Mrs.M Bommy	Prediction of Agricultural Surplus Labor Transfer Trend Based on Big Data Fuzzy Algorithm	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)
2	Mr.Thangarasan T	Research and Application of Boundary Optimization Algorithm of Forest Resource Vector Data based on Conventional Neural Metwork	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)
3	Mr. A. Kumar	Enhancing Lung Segmentation Through Preprocessing of Medical Data Using Convolutional Neural Networks	2023 IEEE 5th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA)
4	Mr. A. Kumar	Machine Learning Models for Classification of Sensitive Financial Documents	2023 IEEE 5th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA) ICCAMS-2023)
5	Mrs. R. Usha	Development of CNN Model to Avoid the Food Spoiling Level	

6	Mr.G.Muthu Gurunathan	Smart Conversations: Enhancing User Engagement through NLP in IoT Environments	ICRITO 2023
7	Mrs.M Bommy	Mobile Ad Hoc Networks Supporting Adaptive Threat Detection through Intrusion Detection Effective Use of Machine Learning for Cyber Defense	ICSES 2023
8	Dr.Sreenivasulu G.	Efficiency and Precision: Control Systems Empowered by Smart Image Processing	2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023

Details of Book Chapters

S.No	Name of the Faculty	Book Chapter Title	Publisher
1	Dr. G. Arun Kumar	Detecting Healthcare Issues Using a Neuro-Fuzzy Classifier	Wiley Online Library
2	Dr. G. Arun Kumar	Development of the Fuzzy Logic System for Monitoring of Patient Health	Wiley Online Library
3	Dr. G. Arun Kumar	Management of Trust Between patient and IOT using Fuzzy Logic theory	Wiley Online Library
4	Dr.R.SUNDAR	Achieving balance between innovation and security in the cloud with artificial intelligence of things: Semantic web control models	Wiley Online Library

Details of Patents

➤ Mr. S. Srinivas Kumar, published a patent with the title "Smart Inter -Tranfer Data Drive" in the month of March 2024

➤ Dr S Elango, published a patent with the title "Automated Home Control Device" in the month of March 2024

➤ Mr. S. Srinivas Kumar, published a patent with the title "Statistical Algorithms and Machine Learning Techniques for Predicting Stock Market Movements" in the month of March 2024

➤ Mrs.V. Nirupa, published a patent with the title "Embedded Technology Based Patient Drips Level Monitoring System" in the month of March 2024

➤ Mrs. G. B. Renuka, published a patent with the title "Embedded Technology Based Patient Drug Level Monitoring System" in the month of March 2024

➤ Mr.M.Mohan, published a patent with the title "Infrared Projector For Vein Detection" in the month of March 2024

➤ Mr. Gandi Ramakrishna, published a patent with the title "Patient Behavioral Analysis System Based On Intelligenthealthcare And Internet Of Things System" in the month of January 2024

➤ Mr. G.Muthugurunathan, published a patent with the title "Smart Device For Network Intrusion Detection" in the month of January 2024

Faculty Achievements

S. No	Name of the Faculty	Course Name	Certificate Type
1	K H Shabbeer Basha	Teaching And Learning in Engineering	Elite
2	K H Shabbeer Basha	Effective Writing	Elite
3	Dr G Sreenivasulu	Effective Writing	Elite

List of Faculties Received Best Paper Award in Conference

S. No	Name of the Faculty	Title	Conference
1	Mr Mohan M	Enhancing Accessibility: Integrating Sign Language Keyboards and Smart Technology for Seamless Communication Among Deaf Users	7th International Conference on Intellegent Computing (IConIC)
2	Mr Kumar A	Face Detection and Crowd Monitoring System in Public Places	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024)
3	Mr Kumar A	Facial Biometrics for Seemless Attendance Tracking in Educational Institutions	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024)
4	Mr BSH Shayeez Ahamed	Evaluation Ensembles of Machine Learning Models for the Prediction of Smart Phone Addiction	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024)
5	Mr BSH Shayeez Ahamed	Diabetes Prediction using Supervised and Unsupervised Machine Learning	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a

			Transformative Future (EDH 2024)
6	Mrs R Usha	Deep Learning based Emotion Recognition System with Depression Detection Capability	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024)
7	Mrs R Usha	Evaluating Ensemble Machine Learning Approached for Accurate Flight Pricing Predictions	International Conference of Embrasing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024)

List of Faculties Received Certificate of Appreciation

S. No	Name of the Faculty	Certificate Type
1	Mr Anandraj	Resource Person (Boot Camp on Innovation & Incubation)
2	Mr A Kumar	Feedback
3	Mr BSH Shayeez Ahamed	Feedback
4	Ms Usha	NPTEL Discipline Star
5	Mrs Renuka Golla Bala	NPTEL Discipline Star
6	Mr BSH Shayeez Ahamed	NPTEL Discipline Star
7	Ms Nirupa	NPTEL Discipline Star
8	Mr Kaliyamoorthi	NPTEL Discipline Star
9	Ms Bommy	NPTEL Discipline Star
10	Ms Arya Surendran	NPTEL Motivated Learner
11	Mr BSH Shayeez Ahamed	NPTEL Motivated Learner
12	Dr Nidhya R	Top Performing Mentor
13	Dr D J Ashpin Pabi	Top Performing Mentor
14	Mr Mohamed Yousff A R	Top Performing Mentor
15	Mrs Ramya Palaniappan	Top Performing Mentor
16	Mr Anandraj	Top Performing Mentor
17	Mr Galeebathullah	Top Performing Mentor
18	Mr Muthugurunathan G	Top Performing Mentor

List of Faculties Received Incentives

S. No	Name of the Faculty	Event/Type	Course Name
1	Mr Muthugurunathan G	NPTEL Topper	Business Analytics & Text Mining Modeling Using Python
2	Mrs Ramya Palaniappan	NPTEL Topper	Business Analytics & Text Mining Modeling Using Python
3	Mrs Bommy M	NPTEL Topper	Data Base Management System
4	Dr Nidhya R	NPTEL Topper	Introduction To Machine Learning

Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks
1	21691A0532	R.Deepika	Code Fest	Rajeev Gandhi Memorial college of Engineering & Technology	5.3.2024 & 6.3.2024	3rd Prize
2	21691A05K0	V.Saran	UX Scape	Dr. N.G.P Institute of Technology	4.3.2024 - 5.3.2024	2nd Prize
3	21691A05M9	G.Teja				
4	21691A05P1	B.Vivek	UX Scape	Dr. N.G.P Institute of Technology	4.3.2024 - 5.3.2024	3rd Prize
5	21691A0558	G.Harsha Vardhan Sai				

List of Students Received Best Paper Award in Conference

S No.	Roll No	Name of the Student	Name of the Conference	Title of the Paper	Organized by	Date	Remarks
1	20691A0516	Blessy Manogna. D	International Conference on Innovative approaches in Engineering & Technology (ICIAET-24)	Identification of Twins using Deep Learning	Chaitanya Bharathi Institue of Technology	5.4.2024 - 6.4.2024	Best Paper Award
	20691A0529	Dinesh. L					
	20691A0531	Eswar Sai. B					

	20691A0551	Jona Rufus. E					
2	21695A0501	Deekshitha. K	International Conference on Intelligent Computing (IConIC)	Enhancing Accessibility :Integrating sign Language Keyboard and Smart Technology for Seamless Communication among Deaf Users	Panimalar Engineering College	22.3.2024-23.3.2024	Best Paper Award
	21695A0507	Nithin.U					
	21695A0508	Sindhu. S					
	21695A0511	Syam Prasad. K					
3	20691A05B6	Padmalatha. A	International Conference of Embracing The Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future(EDH 2024)	Deep Learning-Based Recoginition System with Depression Detection Capability	Loyala College of Arts & Science	13.3.2024-14.3.2024	Best Paper Award
	20691A0574	Lokesh. B					
	20691A05A0	Naresh. P					
	20691A05B8	Revanth. G					
4	20691A0561	Jagadeesh. G	International Conference of Embracing The Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future(EDH 2024)	Evaluation ensembles of Machine Learning Models for the Prediction of Smart Phone Addiction	Loyala College of Arts & Science	13.3.2024-14.3.2024	Best Paper Award
	20691A0569	Lepakshi Reddy. M					
	20691A0570	Likhitha. C					
	20691A0572	Lochana. M					
5	20691A05A8	Niharika. K	International Conference of Embracing	Facial Biometrics for Seamless	Loyala College of Arts &	13.3.2024-14.3.2024	Best Paper Award

	21695A0519	Narasimhulu. S	The Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future(EDH 2024)	Attendance Tracking in Educational Institutions	Science		
	21695A0520	Pavan Krishna. S					
	21695A0521	Ravindra Sai					
6	20691A05I2	Dinesh. G	International Conference on Embracing The Digital Horizon:Pioneering Commerce and Management Strategies for a Transformative Future(EDH 2024)	Evaluating Ensemble Machine Learning Approaches for accurate Flight Pricing Predictions	Loyala College of Arts & Science	13.3.2024-14.3.2024	Best Paper Award
	20691A05J7	Sumanth. L					
	20691A05K9	Vamsi Kumar. E					
	20691A05M1	Venkateswar Reddy. P					
7	20691A05I3	Fazeelunnisa. S	International Conference on Embracing The Digital Horizon:Pioneering Commerce and Management Strategies for a Transformative Future(EDH 2024)	Diabetes Predicition Using Supervised and unsupervised Machine Learning	Loyala College of Arts & Science	13.3.2024-14.3.2024	Best Paper Award
	20691A05I7	Noor Mohammed. V					
	20691A05M3	Vinisha. O					
	20691A05M9	Yeswanth. K					

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