Computer Science & Engineering

NEWS LETTER

CSE News Bulletin

Highlights

➢ Conference/Workshop/Seminar(s)organized

➢ Faculty Participation in Workshop/Seminar

➢ Research Activities

➢ Faculty Achievements

➢ Student Achievements

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

Guest Lecture on "Foundations of Machine Learning with Scikit-Learn"

Held on 6th October 2023.

Event-2

A Five Days Workshop on "AI & Computer Vision for Robotics Applications"

From 9th October 2023 to 13th October 2023.

Event-3

Workshop Organized by MITS WEB CLUB On"Web Development- Front End"in Association with Computer Society of India (CSI) organised byDr. R.Nidhya, Professor/CSE, Web Club Coordinator, MITS.
Held on 4ᵗʰ November 2023.

Event-4

Guest Lecture on "Exploratory Data Analysis Using Python & SQL"
Held on 21st October 2023.

Event-5

Technical Talk on "Advanced Software Testing: Transaction Flow & Domain Testing"

Held on 10th November 2023.

Event- 6

Guest Lecture titled "Crafting Embedded Systems with C/ C++: Getting into Open BMC Project"Organized by Department of Computer Science & Engineeringin association with Institution Innovation cell (IIC)

Held on 16th November 2023.

Resource Person: Mr. Mohanraj R, M. Tech., Tech Lead (Software) VVDN Technologies, Bangalore.

Event-7

A Guest Lecture titled "Neural Network and Deep Learning "Organized byDepartment of Computer Science & Engineering in Association with ISTE Student Chapter, Held on 16th November 2023.

Resource person: Dr. D. Pavithra, Assistant Professor (S.G) Department of Information Technology, Dr. N. G. P Institute of Technology, Coimbatore.

Event-8

Workshop Organized by MITS WEB CLUB on "Full Stack Development" in Association with Computer Society of India (CSI) organised byDr. R. Nidhya, Professor/CSE, Web Club Coordinator, MITS

Held on 18th November 2023.

Guest Lecture on"Post Quantum Cryptography", Held on 20th November 2023.

Resource Person: Dr. Dharminder Chaudhary, Assistant Professor (S.G), Department of Mathematics & Computer Science, Amrita Vishwa Vidyapeetham, Chennai.

Event-10

Alumni Guest Lecture on "Challenges in Developing Mobile Apps"
Held on 22nd November 2023.

Resource Person: Mr. Mohan Babu Raja (Alumnus of CSE 1999-2003 Batch), Working as System Architect at HID Mobile Apps Team, Chennai.

Event-11

Guest Lecture on "Software Product Management"Organized by Department of computer Science & Engineering in association with Indian Society for TechnicalEducation (ISTE)

Held on 22nd November 2023

Resource Person: Mr. Lokesh Kannaiyan B.E., MBA, SeniorProduct Manager, Progress Software, Bangalore.

Event-12

Webinaron"Research Opportunities in Integration of IOT and Blockchain forSmart Applications"Organized by Department of Computer Science & Engineering in association with Computer Society of India(CSI)

Held on 22nd November 2023.

Event-13

Guest Lecture on "Employability Initiative for Next GenerationUsing BusinessIntelligence"Organized by Department of Computer Science &Engineering

Held on 29th November 2023.

Resource Person: Dr. Ch. Raja Ramesh, Associate Professor, Vlgnan Institute of Technology andScience, Hyderabad.

Event-14

Guest Lecture Organized byDepartment of Computer Science & Engineering on "Machine Learning with Kaggle" in Association with Google Developers Educator Program India,

Held on 29th November 2023.

Event-15

Guest Lecture on "Data Science for Engineers" Organized by Department ofComputer Science & Engineering in association with Computer Society of India(CSI)

Held on 2ⁿᵈ December 2023.

Resource Person: Dr. K. Veningston, Assistant Professor, NIT, Srinagar.

Event-1 6

Alumni Guest Lecture on"Career Progression Journey towards Successful Employment"Organized by Department of Computer Science & Engineering and association with MITS Alumni Welfare Association 2ⁿᵈ December 2023.

Event-17

Two Day IEEE "International Conference on Optimization Techniques for Learning (ICOTL'23)" Organized by School of Computers, MITS

Held on 7ᵗʰ December 2023 to 8ᵗʰ December 2023.

Two Day IEEE "International Conference on Optimization Techniques for Learning (ICOTL'23)" Organized by School of Computers, MITS

Faculty Participation in Workshop/Seminar

S.No	Event Type	Faculty Attended Events
1	FDP	44
2	Workshops	4
4	Conference	1
	Total	**49**

Research Activities

Details of Journal Papers

S.No	Name of the Faculty	Title of the paper	Published Journal	Published Month
1	Dr. R. Kalpana	Internet of Things(IOT) Based Machine Learning Techniques for Wind Energy Harvesting	Electric PowerComponents andSystems - Taylor & Francis.	Dec 2023
2	Mr. S. Srinivas Kumar	Optimized Fuzzy C-Means (Fcm) Clustering For High-Precision BrainImage Segmentation And DiagnosisUsing Densenet Features	Journal ofTheoretical andApplied InformationTechnology	Dec 2023
3	Mr. B. Bhaskar	Protectors of the Android Domain: Research into Mobile Malware Detection and Defense	International Journal of Intelligent Systems And Applications In Engineering	Dec 2023
4	Ms. RamyaPalaniappan	Unveiling The Complexity: Understanding Cleft Lip Anomalies: A Review	Community Practitioner	Dec 2023
5	Dr. R. Sudhakar	Classification of brain tumours from MRI images using deep learningenabled hybrid optimization algorithm	Network:Computation inNeural Systems	Nov 2023
6	Dr. K. Sudhakar	Optimised feature selection-driven convolutional neural network using gray level co-occurrence matrix for detection of cervical cancer	Open Life Sciences	Nov 2023

7	Mr. Mohan.M	XAutn: Blockchain-based cross domain authentication for digital certificates in the educationsector	Journal of Intelligent & FuzzySystems/IOS Press	Nov 2023
8	Dr. G. Arun Kumar	LCO–EGC: levy chaotic optimization- based enhanced graph convolutional network for monitoring health of sports athletes	Wireless Networks	Oct 2023
9	Dr. R. Sundar	Heart Disease Detection by Machine Learning System	International Journal on Recent and Innovation Trends in Computing and Communication	Oct 2023
10	Dr. R. Sundar	Detection of Breast Cancer Using Deep Learning Techniques	International Journal on Recent and Innovation Trends in Computing and Communication	Oct 2023

Details of Conference Papers

S.No	Name of the Faculty	Title of the paper	Name of the Conference
1	Mr. K. Sathish	Gesture Controlled VirtualMouse usingMedia Pipe	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
2	Mrs. V. Nirupa	Chatbot Based on Emotions using Deep Learning	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
3	Mr.Shayez Ahamed	Multi Objective Evaluator Model Development for Analyze the Customer Behavior	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
4	Mrs. R. Usha	Integrating the Bigdata and Deep Learning Analysis Human Movement to Improve the Sports	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
5	MrThangarasan T	Code word Based Bi-Server Authentication and Key Exchange Encryption Technique	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
6	Dr.D.J.Ashpin Pabi	Password Authentication Key Exchange Protocol With Two Servers by IBE In Data Analytics	2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)
7	Dr .S Elango	Ultra Wideband Frequency Selective Surface for Microwave Band Applications	2023 9th International Conference on Smart Structures and Systems (ICSSS)
8	Dr .S Elango	Microwave Metamaterial Absorber for X,C and Ku Band Applications	2023 9th International Conference on Smart Structures and Systems (ICSSS)
9	Dr .S Elango	Determination of Leaf Diseases Using Deep Learning	2023 9th International Conference on Smart Structures and Systems (ICSSS)

10	Dr.R.Sundar	Evaluating the Solution to predict the impact of Lung Cancer with an Advanced Computing	5th international Conference on Smart system and inventive Technology

Details of Book Chapters

S.No	Name of the Faculty	Book Chapter Title	Publisher
1	Mr. Gandi Ramakrishna	Navigating Green Computing Challenges and Strategies for Sustainable Solutions	IGI Global
2	Mr. J Nagaraj	Enhancing Intelligent Video Surveillance: Deep Learning Approaches for Human Anomalous Behavior Recognition	Advances in Data-Driven Computing and Intelligent Systems
3	Mr. G. Muthugurunathan	An Analysis of AI in Healthcare: A Comprehensive Study on India	IGI Global Publishing

Details of Patents

➤ Mr. S. Srinivas Kumar, published a patent with the title "Artificial Intelligence And Cognitive Language, Vision, And Emotion-Based Approaches To Dealing With Stress During Workplace Stress Management" in the month of December 2023.

➤ Ms. Ramya Palaniappan, published a patent with the title "Artificial Intelligence-Enhanced Prosthetic Limb For Intuitive Operation And Sensory Feedback" in the month of December 2023.

Faculty Achievements

S. No	Name of the Faculty	Course Name	Certificate Type
1	Mr K Hazee Shabbeer Basha	Research Methodology	Elite
2	Dr Nidhya R	Learning Analytics Tools	Elite+Gold (Topper of 1%)
3	Mrs Sangeetha M	Programming in Java	Elite+Gold (Topper of 1%)
4	Mr K Sudhakar	Introduction to Internet of Things	Elite+Gold (Topper of 5%)
5	Dr R Sudhakar	Introduction to Internet of Things	Elite+Gold (Topper of 5%)
6	Mr Mohan M	E-Business	Elite+Silver (Topper of 5%)
7	Mr Galeebathullah	Management Information systems	Elite+Silver (Topper of 5%)
8	Ms Komala Anamalamudi	Programming in Java	Elite+Silver (Topper of 5%)
9	Mr Aleemullakhan Pathan	Cloud Computing	Elite+Silver

10	Mr Anandraj	Management Information systems	Elite+Silver
11	Mr Hemanand	Programming in Java	Elite+Silver
12	Mr Thangarasan	Programming in Java	Elite+Silver
13	Mr Thangarasan	Data Structure and Algorithms using Java	Elite+Silver
14	Ms Nirupa	The Joy of Computing Using Python	Elite+Silver
15	Mr Kumar	Joy of Computing using Python	Elite+Silver
16	Dr G Arun Kumar	Introduction to IOT	Elite+Silver
17	Mr K Sudhakar	Programming in Java	Elite+Silver
18	Mr Bhaskar	E-Business	Elite
19	Mr Aleemullakhan Pathan	E-Business	Elite
20	Mr M S P Durgarao	Privacy and Security in Online Social Media	Elite
21	Ms Usha	Cloud Computing	Elite
22	Mr BSH Shayeez Ahamed	Joy of Computing using Python	Elite
23	Mr S Srinivas Kumar	Privacy and Security in Online Social Media	Elite
24	Ms Nirupa	Data Structures and Algorithms using Java	Elite
25	Mrs V Geetha	Joy of Computing using Python	Elite
26	Mr K Sathish	E-Business	Elite
27	Mrs M Bommy	Programming in Modern C++	Elite
28	Ms Arya Surendran	Programming in modern C++	Elite
29	Dr Nidhya R	Introduction to Machine Learning	Elite+Gold (Topper of 1%)
30	Mr Muthugurunathan G	Business Analytics & Text Mining Modeling Using Python	Elite+Gold (Topper of 5%)
31	Mrs Ramya Palaniappan	Business Analytics & Text Mining Modeling Using Python	Elite+Gold (Topper of 5%)
32	Mrs M Bommy	Data Base Management System	Elite+Silver (Topper of 5%)
33	Ms Arya Surendran	Introduction To Machine Learning	Elite+Silver (Topper of 5%)
34	Dr Elango S	Business Analytics & Text Mining Modeling Using Python	Elite+Silver
35	Dr D J Ashpin Pabi	Business Analytics & Text Mining Modeling Using Python	Elite+Silver
36	Mr R Sundar	Business Analytics & Text Mining Modeling Using Python	Elite+Silver

37	Mrs G B Renuka	Data Base Management System	Elite+Silver
38	Mr Syed Abuthahir S	System Design Through Verilog	Elite
39	Mr R Sundar	Data Base Management System	Elite
40	Mr Mohamed Yousff A R	System Design Through Verilog	Elite
41	Mrs Sangeetha M	Introduction to Machine Learning	Elite
42	Mr Kaliyamoorthi	Data Base Management System	Elite
43	Mrs S Soumyadevi	Data Base Management System	Elite

List of Faculties Received Incentives

S. No	Name of the Faculty	Event/Type	Course Name
1	Dr R Sudhakar	NPTEL Topper	Introduction To Internet of Things
2	Dr Nidhya R	NPTEL Topper	Learning Analytics Tools
3	Dr K Sudhakar	NPTEL Topper	Introduction To Internet of Things
4	Mrs Komala Anamalamudi	NPTEL Topper	Programming In Java
5	Mrs Sangeetha M	NPTEL Topper	Programming In Java
6	Ms Arya Surendran	NPTEL Topper	Introduction To Machine Learning
7	Mr Mohan M	NPTEL Topper	E-Business
8	Mr Galeebathullah	NPTEL Topper	Management Information System
9	Dr R Sudhakar	Paper Publication	

Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks
1	21691A0570	S.R.Jahanavi	Paper Presentation	Viswam Engineering College	17.11.2023 - 18.11.2023	1st Price
2	21691A0570	S.R.Jahanavi	Project Expo	Viswam Engineering College	17.11.2023 -18.11.2023	2nd Price

Chief Editor

Dr R Kalpana

Professor & Head/CSE

Associate Editor

Mrs G.Vasundhara Devi

Assistant Professor/CSE

Student Editors

K Yashwanth Kumar   III CSE

M Sivamani   III CSE

D Surendra   III CSE

mits.ac.in

Madanapalle Institute of Technology & Science

Post Box No: 14, Kadiri Road

Angallu (V), Madanapalle-517325

Annamayya District, AndhraPradesh,

India