



IMITS
MADANAPALLE

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS INSTITUTION)

Computer Science & Engineering

NEWS LETTER

CSE News Bulletin



ACADEMIC YEAR : 2025-2026
VOLUME 11, ISSUE 1

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

Five-day Faculty Development Program on Quantum Neuromorphic Computing for Sustainable Generative AI ” Held from 23.06.2025 to 27.06.2025



Resource Person Details:

1. Dr B Surendiran Associate Professor/CSE, NIT Puducherry
2. Dr. S. Balakrishnan, Associate Professor & Head / Advanced Computing, VIT Vellore
3. Dr U Srinivasulu Reddy, Associate Professor/CSE, NIT Tiruchirapalli
4. Dr. Shashidhara R, Senior Chief Engineer/Block Chain, Samsung R&D Institute, Bangalore
5. Dr. Koppala Guravaiah, Assistant Professor/CSE, IIIT Kottayam
6. Dr. Aswath Babu H, Assistant Professor/Physics,IIIT Dharwad.
7. Dr. T. Kalaipriyan, Assistant Professor SG-2, VIT Chennai
8. Dr. K. Vijayaprabakaran, Assistant Professor SG-1, VIT Chennai
9. Dr. G. N. Vivekananda, Associate Professor/ SITE, VIT Vellore
10. Dr. Masilamani V , Professor/CSE, Indian Institute of Information Technology,Design and Manufacturing, Kancheepuram

Event-2

Guest Lecture on Generative AI & Reimagining Retail Supply Chains: Transformative Power of Agentic AI Held on 19.08.2025.



Resource Person Details:

- 1.Mr. Anand Chinnakannan, Staff Machine Learning Engineer, Walmart Global Tech, USA
- 2.Mr. Harshavardhan Nannur, Staff Data Scientist, Walmart Global tech, USA.

Event-3

Alumni Guest Lecture on Engineering Career in Pursuit of Growing Industry Opportunities Held on 22.08.2025



Resource Person Details:

Mr. A V Saikumar Reddy (2017-2021 Batch), Technical Officer in the Ministry of Home Affairs.

Event-4

Guest Lecture on Next-Gen Tech Mastery: Cloud, DevOps & AI Prompting Held on 26.08.2025.

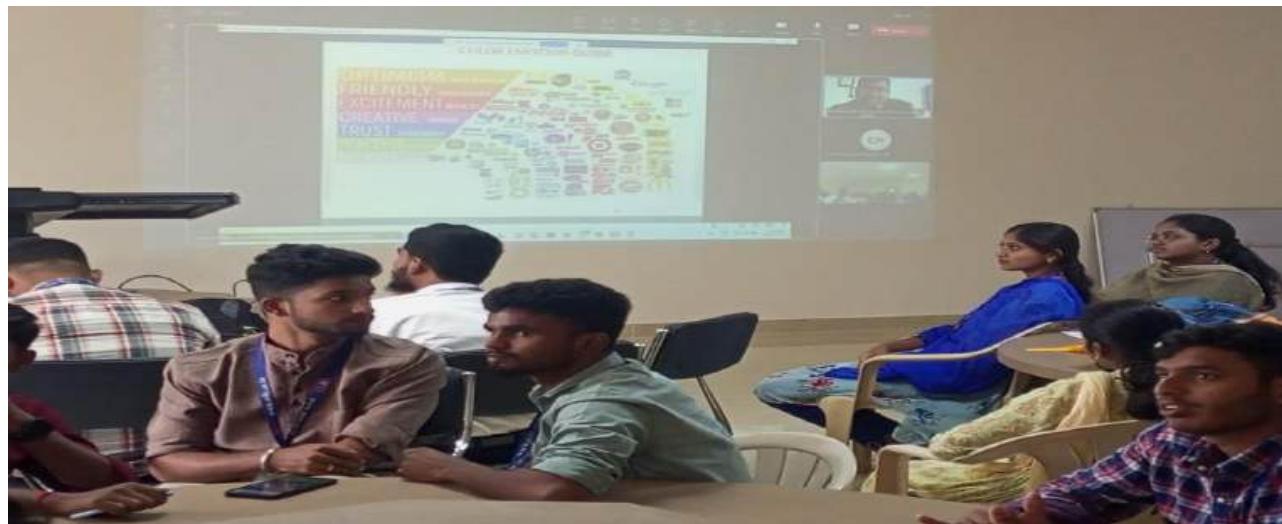


Resource Person:

Mr. Karanam Guruteja, Sr. Technical Trainer.

Event-5

Webinar on From Innovation to Startup: Transforming Ideas into Enterprises Held on 26.08.2025

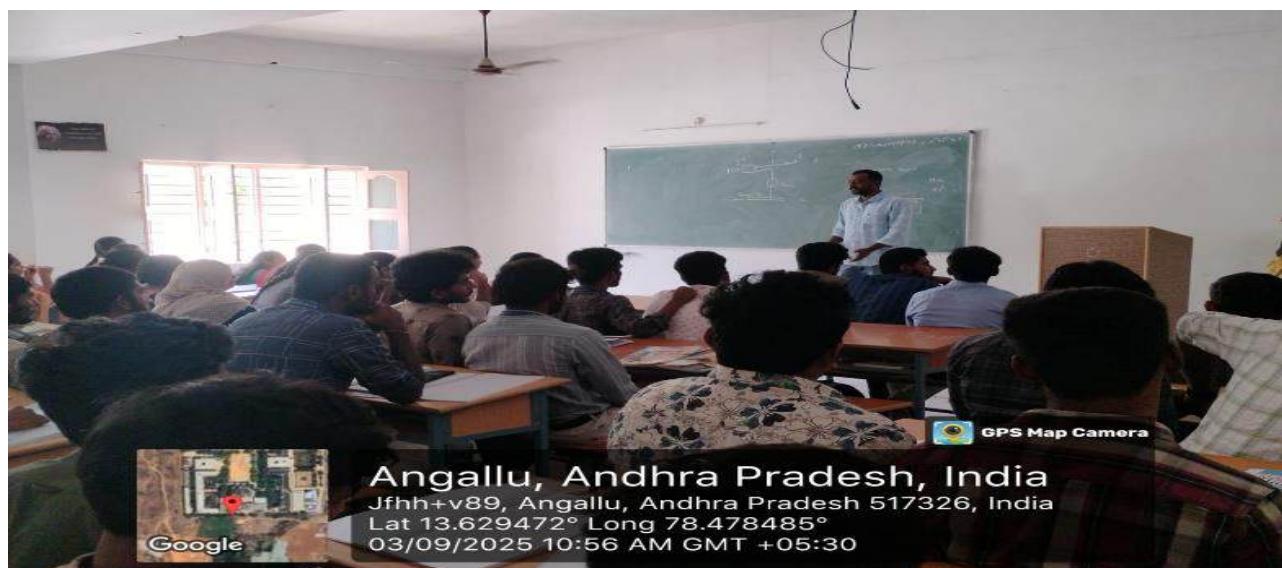


Resource Person Details:

Dr. Nagaraj. V ,Managing Director, Trueline Research Private Limited & Trueline Publisher, Tamil Nadu & Kerala

Event-6

Alumni Guest Lecture on Building a Successful Engineering Career: Tips from the Field Environment” Held on 03.09.2025.



Resource Person Details:

Mr. Y Rajasekhar (2018-2022 Batch), Data Engineer, BIRLA SOFT

Event-7

Smart India Hackathon - 2k25 Held on 12.09.2025



Resource Person Details:

1. Mr. M. Gangadhar Reddy, CEO, Kydre Software Solutions Private Limited, Bangalore.
2. Ms. Shaik Amreen Kousar, Full Stack Developer, Infobell IT, AMD Bangalore.

Event-8

National Level Article Presentation Contest on “PEN TO PODIUM” Held on 12.09.2025



Event-9

Workshop on The DevOps Vanguard: Tools, Tactics & Transformation Held on 19.09.25 and 20.09.25.



Resource Person Details:

Mr. B. Surendra Reddy, Software Developer, Capgemini Technology Chennai.

Event-10

Parent – Teacher Meeting Held on **15.11.2025**.



Event-11

Industrial Visit to National Atmospheric Research Laboratory (NARL)”, Gadanki, Pakala, Andhra Pradesh 517112 Held on 28.11.2025



Event-12

One day workshop on Human Centered Applied AI Research Held on 22.12.2025



Resource Person Details:

- 1.Er. B. Santosh Naik, CEO, BELLU AI.
2. Er. K. Sai Ganesh, Member, BELLU AI.

Event-13

Workshop on Quality Mindset and Test automation Held on 29.12.2025 & 30.12.2025.

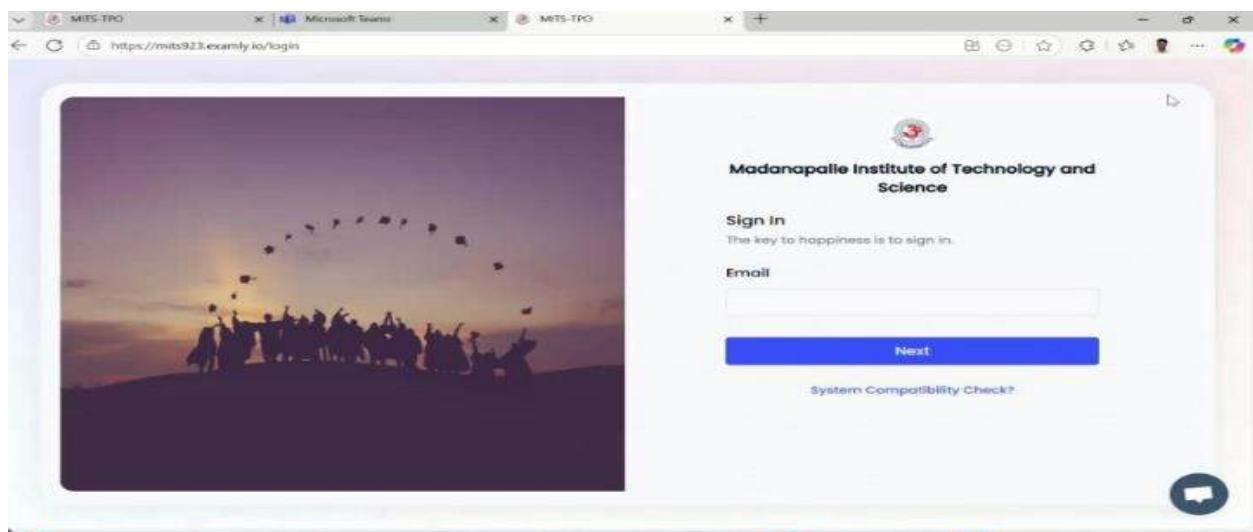


Resource Person Details:

Mr. Vinoth Kumar Bojaraja ,Manager, Consulting Delivery,CGI Inc., Chennai.

Event-14

Webinar on NeoPAT Online Orientation: Skill Assessment and Career Readiness held on 30.12.2025



Resource Person Details:

Mr. L. Sabhapathi, Associate Programme – Manager , NeoPAT – Bengaluru.

Faculty Participation in Workshop/Seminar

S.No	Event Type	Faculty Attended Events
1	FDP/ STTP	116
2	Workshop	5
3	Seminar/Webinar	4
4	Conference	25
Total		150

Research Activities

Details of Scopus Journals

S. No	Name of the Faculty	Title of the Paper	Name of the Journal
1	Ms. Ramya Palaniappan	MRI-based detection of multiple sclerosis using an optimized attention-based deep learning framework	Neurological Research
2	Mr. Thangarasan T	Non-contact Real Time Digital Distance Measurement System for Vehicle Applications.	Journal of Polymer and Composites.
3	Mr. B. Galeebathullah	Knowledge Improved Hybrid DNN–KAN Framework for Intrusion Detection in Wireless Sensor Networks	IEEE Access
4	Dr. R. Sudhakar	Artificial Intelligence Based on Modelling for Prediction of Alzheimer's Disease for Optimal Solution	International Journal of Basic and Applied Sciences
5	Dr. R. Nidhya	Alzheimer's Disease Detection Using Hybrid Structural Graph Discrete Hopfield Neural Network with Doll Maker Optimization Algorithm.	Biomedical Materials & Devices (2025)
6	Dr. R. Nidhya	Enhanced Multimodal Breast Cancer Diagnosis Using Random Graph Diffusion-Based Two-Branch Attention Adversarial Domain Adaptation with Improved Orca Predation Optimization	Biomedical Materials & Devices (2025)
7	Dr. G. Sreenivasulu	The Role of Machine Learning in 6G Wireless Networks: A Comprehensive Overview	International Journal of Basic and Applied Sciences.(2025)

8	Mrs. M. Bommy	An enhanced key schedule mechanism to improve the security strength of the data encryption standard algorithm	Bulletin of Electrical Engineering and Informatics
9	Dr. D. J. Ashpin Pabi	TSCE and CD-CATL Driven Framework for Robust and Real-Time Voice Disorder Detection and Classification	SSRG International Journal of Electronics and Communication Engineering
10	Mrs. Sangeetha.M	Split Ring Resonator Printed Microstip Based Antenna array for Satellite and Radar Applications	Journal of New Materials for Electrochemical Systems
11	Dr. G. Arun Kumar	Enhanced plant disease classification via wild horse optimizer and convolutional attention-bidirectional long short term memory	Signal, Image and Video Processing
12	Dr. R. Nidhya	Brain Tumor Segmentation and Severity of Tumor Classification using Lightweight Attention based MobileNetv2 Model	International Journal of System Assurance Engineering and Management, 2025
13	Mr. G. Muthugurunathan	Breast Cancer Detection from Mammograms Using an Optimized Multi-Instance Gates-Controlled Deep Unfolding Network	Biomedical Materials & Devices (2025)
14	Dr. R. Sudhakar	SCLe-Net: Siamese Convolutional Le-Network for Hand Bone Age Estimation Using X-Ray Image	X-Ray Spectrometry, 2025.
15	Dr. G. Arun Kumar	Optimized temporal inductive path neural network based early-stage detection of autism spectrum disorders	Pattern Recognition, Volume 172, Part D, 2026.
16	Dr. Senthil Kumar. K	Topology and knot theory applications in quantum field theory	Journal of Interdisciplinary Mathematics
17	Mr.Durgarao, M.S.P	A. Deep Learning-Based Volatility Forecasting, Portfolio Management, and Reinforcement Learning-Based Risk Optimisation. National Academy Science Letters	Springer Nature

Details of Conference Papers

S. No	Name of the Faculty	Title of the Paper	Name of the Conference
1	Mrs. S. Sowmyadevi	Improving Satellite Imagery using Artificial Intelligence	5th International Conference on Pervasive Computing and Social Networking (ICPCSN), 2025.
2	Dr. G. Arun Kumar	Ensemble classification for improved lung cancer detection: A comparative study.	AIP Conference Proceedings -2025.

3	Dr. G. Arun Kumar	AI-powered surveillance for detecting helmetless bike riders using YOLO.	AIP Conference Proceedings -2025.
4	Dr. G. Arun Kumar	Stolen mobile app detection on google play store using decision trees.	AIP Conference Proceedings -2025.
5	Dr. G. Arun Kumar	Cutting-Edge validation system: A safe methodology integrating facial and manuscript passwords, image lattices, searching info retrieval and login activity pursuing with efficient database connectivity	AIP Conference Proceedings -2025.
6	Mr. Thangarasan T	Enhancing Bayesian optimization with structural domain knowledge for efficient search	AIP Conference Proceedings -2025.
7	Mr. Thangarasan T	Advancing clinical diagnosis through intelligent artificial intelligence: A ResNet-based approach for cardiomegaly detection	AIP Conference Proceedings -2025.
8	Mr. P. Kaliyamoorthi	CodeLedger: a Blockchain-Based Framework for Secure Software Version Control	International Conference on Communication and Signal Processing (ICCSP)-2025
9	Dr. G. Sreenivasulu	Advancing Precision Ocular Health Assessment through Artificial Intelligence-Based Detection of Retinoblastoma from Fundus Images	International Conference on Inventive Research in Computing Applications (ICIRCA)-2025
10	Dr. G. Sreenivasulu	Parallel Processing based Image Enhancing Technique Implementation on Low Cost FPGA	International Conference on Augmented Intelligence and Sustainable Systems (ICAIS) - 2025
11	Mr. A. Natarajsivam	CodeLedger: a Blockchain-Based Framework for Secure Software Version Control	International Conference on Communication and Signal Processing (ICCSP) - 2025
12	Mr. A. Natarajsivam	Pap Smear Image Segmentation and Classification Methods For Cervical Cancer Detection Using Machine Learning	International Conference on Smart Technologies, Communication and Robotics (STCR) - 2025
13	Mr. Anandaraj B	Brain Tumor Detection using Machine Learning	Grenze International Journal of Engineering and Technology, 2025
14	Mr. Anandaraj B	Detection of Diabetes from Clinical Data using Machine Learning	Grenze International Journal of Engineering and Technology, 2025
15	Mr. Anandaraj B	Autonomous AI Controlled Cyber Attack Prediction System Design	International Conference for Emerging Technology (INCET)
16	Mrs. E. Gayatri	Deep Learning for Tomato Leaf Disease Detection and Classification	International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)
17	Mrs. S. Sowmyadevi	Plant Disease Detection using Convolutional Neural Networks (CNN) Algorithm	Grenze International Journal of Engineering and Technology, 2025

18	Mrs. S. Sowmyadevi	Automated Bone Marrow Cell Classification for Haematological Disease using Machine Learning	Grenze International Journal of Engineering and Technology, 2025
19	Dr. K. Sree Divya	Cloudburst Prediction System	International Conference on Advances in Computer Engineering and Communication Systems. ICACECS.
20	Dr. R. Nidhya	Interference-aware path optimization using PSO-LA for IoT in 5G networks	International Journal of System Assurance Engineering and Management, 2025
21	Dr. R. Nidhya	Blockchain-Based Secure Data Sharing Framework for Multi-Party Collaboration in Distributed Systems	International Conference on Computational Methods in Science & Technology (ICCMST'25)
22	Dr. R. Nidhya	Hybrid AI Models for Real-Time Intrusion Detection in Large-Scale Big Data	International Conference on Computational Methods in Science & Technology (ICCMST'25)
23	Mr. A. Kumar	Journey Craft: A Next-Gen Travel and Tourism Management System	International Conference on Advances in Computer Engineering and Communication Systems
24	Dr. D. J. Ashpin Pabi	Enhancing Tuberculosis Detection with Deep Learning: A CNN-Based Approach with Data Augmentation and Regularization	ICITSM-Part I 2025
25	Dr. D. J. Ashpin Pabi	An Advanced Experimental Intelligent Assistant for Knowledge Management	ICITSM-Part I 2025
26	Mr.M.K., Akuthota	Journey Craft: A Next-Gen Travel and Tourism Management System.	Fifth International Conference on Advances in Computer Engineering and Communication Systems. ICACECS 2024
27	Dr. D. J. Ashpin Pabi	IoT-based Renewable Energy Integration and Optimization in Smart Power Grids	International Conference on Electronics and Sustainable Communication Systems (ICESC)

Details of Book Chapter

S. No	Name of the Faculty	Chapter Title	Book Title
1	Mr. P. Kaliyamoorthi	Opening Up the Next Generation of Convolutional Neural Networks (CNN) for Palm Recognition	Real-Time Data Decisions With AI and ChatGPT Techniques,2025
2	Dr. R. Sudhakar	The Potential of Generative AI in Drug Development	Applications of Artificial Intelligence in Pharmaceuticals,2025

Details of Patents

1. **Mr.Anandaraj.B** has published a patent with the title “Wireless Blockchain Security Device Design” No: 467032-001 Date: 24/07/2025 The Patent office, Govt of India.
2. Dr. **K.Senthil Kumar** has published a patent with the title “ML Based Intelligent Fabric Selection and Pricing Tool for Fashion Startups Using Consumer Behavior Analytics”.Application No.202541096673 A Publication Date : 14/11/2025
3. **Ms Renuka** has published a patent with the title “Cloud-Assisted IIoT Framework for Skin Cancer Detection Using Machine Learning and Mobile Imaging “: Application Number: 202541087696, Publication Date :17/10/2025.
4. **Mr.Sathish Kumar** has published a patent with the title” A Method for Secure and Efficient Digital Payment Processing Using Blockchain Technology “: Application Number: 202541100396 A, Publication Date: 28/11/2025.
5. **Ms.R. Kavi Priya** has published a Design patent with the title “Ai Based Wireless Electricity Consumption Monitoring Device” Application Number : 474933-001, Publication Date : 25/09/2025.

Faculty Achievements

S. No	Name of the Faculty	Course Name	Certificate Type
1	Mr Aleemullakhan Pathan	Operating System Fundamentals	Elite (Topper of 5%)
2	Mr Muthugurunathan G	OBE and Accreditation	Elite+Silver
3	Mrs Bommy	Privacy and Security in Online Social Media	Elite+Silver
4	Mrs KaviPriya R	Privacy and Security in Online Social Media	Elite+Silver
5	Ms Thripti P Balakrishnan	Privacy and Security in Online Social Media	Elite
6	Mr Aleemullakhan Pathan	Privacy and Security in Online Social Media	Elite

7	Mr Thangarasan T	Privacy and Security in Online Social Media	Elite
8	Mrs Renuka G B	Privacy and Security in Online Social Media	Elite
9	Mrs Deepthi P	Privacy and Security in Online Social Media	Elite
10	Mr K H Shabbeer Basha	Privacy and Security in Online Social Media	Elite
11	Dr Arun kumar G	Privacy and Security in Online Social Media	Elite
12	Ms Thriphthi P Balakrishnan	Introduction to Internet of Things	Elite
13	Mr C H Hemanand	Introduction to Large Language Models(LLMs)	Elite
14	Mr Kaliyamoorthy P	Management Information System	Elite
15	Mr K Sathish	Management Information System	Elite
16	Ms Thriphthi P Balakrishnan	Data Structure and Algorithms using Java	Elite
17	Mrs Sangeetha M	Programming in Modern C++	Elite
18	Mr Murali T	The Joy of Computing using Python	Elite
19	Dr Sree Divya K	Big Data Computing	Elite + Gold (Topper of 5%)
20	Ms Ramya Palaniappan	Big Data Computing	Elite + Gold (Topper of 5%)
21	Dr Nidhya R	Ethics in Engineering Practice	Elite+Silver
22	Mrs Swarna Jyothi	Business Analytics & Text Mining Modeling using Python	Elite+Silver
23	Dr D J Ashpin Pabi	Robotics	Elite
24	Mr E Rajesh	Data Base Management System	Elite
25	Dr Gunji Sreenivasulu	Introduction to Operating Systems	Elite
26	Mr K Sathish	Introduction to Machine Learning	Elite
27	Mr Ramalingam D	Business Analytics & Text Mining Modeling using Python	Elite
28	Mrs G vasundhara Devi	Data Base Management System	Elite

29	Mr Ajaypradeep Natarajasivam	Technical Communication for Engineers	Elite
30	Dr Nidhya R	Technical Communication for Engineers	Elite+Silver
31	Mrs E Gayatri	Python for Data Science	Elite+Silver
32	Mr Muthugurunathan G	Teaching and Learning in General Programs: TALG	Elite

List of Faculties Received Certificate of Appreciation

S. No	Name of the Faculty	Certificate Type
1	Mr Sathish K	NPTEL Discipline Star
2	Mr Aleemullakahan Pathan	NPTEL Discipline Star
3	Mr Thangarasan T	NPTEL Discipline Star
4	Mrs Thriphthi P Balakrishnan	NPTEL Discipline Star
5	Mrs Sangeetha M	NPTEL Discipline Star
6	Mrs Renuka G B	NPTEL Discipline Star
7	Mr Kumar A	NPTEL Discipline Star
8	Mrs G Vasundhara Devi	Domain Certification - Programming
9	Dr Nidhya R	Top Performing Mentor - Business Analytics and Text Mining Modelling using Python
10	Mrs Deepthi P	Top Performing Mentor - Privacy and Security in Online Social Media
11	Mrs Renuka G B	Top Performing Mentor - Privacy and Security in Online Social Media
12	Mr Aleemullakahan Pathan	Top Performing Mentor - Privacy and Security in Online Social Media
13	Mr K H Shabbeer Basha	Top Performing Mentor - Big Data Computing
14	Ms Ramya Palaniappan	Top Performing Mentor - Big Data Computing
15	Mr Sathish K	Top Performing Mentor - Management Information System

Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks	
1	22691A05B5	Mahesh Kumar Vaileti	Project Expo	RNS Institute of Technology ,Bangalore	28.8.2025	III Prize	
	22691A0595	Karthik Pamuri					
	22691A0584	Jaswanth Kumar Podamekala					
	22691A0575	Hemanth Babu K					
2	23691A05B2	Musthaq Thonakanicheruvu M	Paper Presentation	Kongu Engineering College	15.9.2025	II Prize	
3	23691A05B3	Naga Hinduja Thallapu Reddy					
	23691A05A2	Meenakshi Kapili					
	23691A0587	Koushik Gopavaram					
	23691a05h7	Sagar Y.N	Quiz	Andhra Pradesh State Council of Higher Education	27.9.2025	II Prize	
4	23691a0585	Kesava Reddy Kondur	Poster Presentation	Sri Sai Institute of Technology and Science	13.10.2025	II Prize	
	23691a0570	Hima Bindu Sampathi					
	23691a0590	Lahari Daggupati					
	23691a0591	Lahari G					
5	22691a0513	Amrutha Kotareti	Project Expo	Jawaharlal Nehru Technological University, Kakinada	16.10.2025	III Prize	
	22691a0516	Apurva Middi					
	22691a0522	Balu Nemalla			- 17.10.2025		
	22691a0523	Bhanu Prakash Butra					

Chief Editor

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Professor & Head/CSE

Associate Editor

Mrs. P Jayaselvi

Assistant Professor/CSE

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MITs
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