



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

Computer Science & Engineering

NEWS LETTER

CSE News Bulletin



ACADEMIC YEAR : 2024-2025
VOLUME 10, ISSUE 2

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 “Mastering Microsoft Certifications and Applied Skills”

Held on 3rd October 2024.

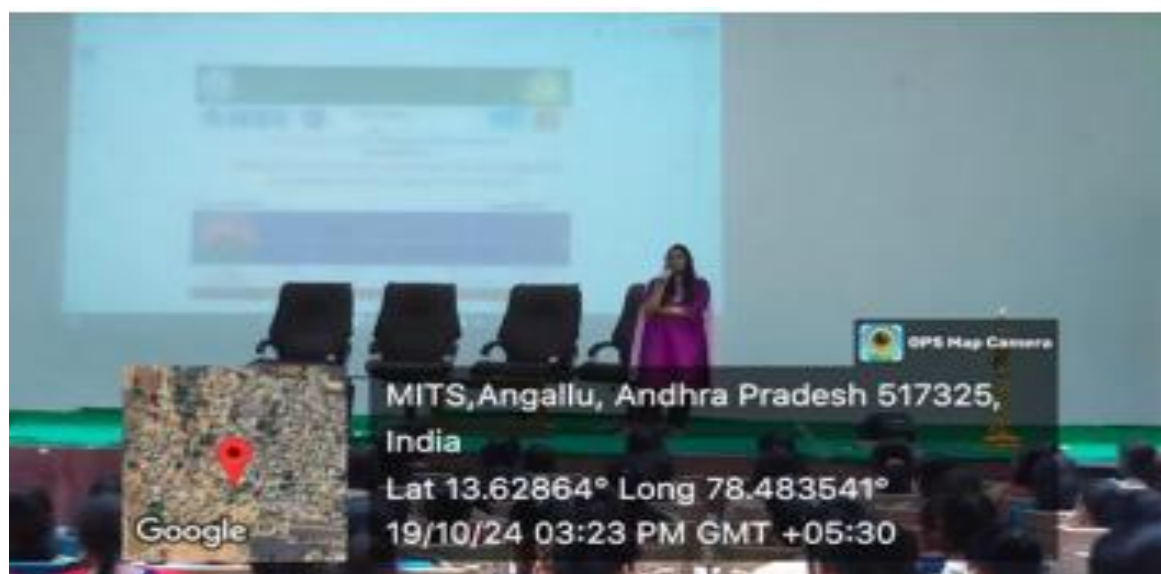


Resource Person: Mr. Janarthanan Selvaraj, Senior –Specialist, Eviden Expert AI, Eviden, Chennai.

Event-2

One Day Workshop on “From Logic to Code: Building Effective Programs”

Held on 19th October 2024.



Resource Person: Ms. Shaik Amreen Kousar (Alumnus of CSE 2019 – 2023 Batch), Full Stack Developer, Infobell IT, Bangalore.

Event-3

One Day Workshop on “Full Stack Web Development Boot camp”

Held on 19th October 2024.



Resource Person: Mr. Kovi Karthik (Alumnus of CSE 2019 – 2023 Batch), Full Stack Developer, Infobell IT, Bangalore.

Event-4

One Day Workshop on “Full Stack Development”

Held on 25th October 2024.



Resource Person: Mr. G. Jegan, Lead Software Engineer, Cognizant Limited, Chennai.

Event-5

Seminar on “Devops Journey for Engineers”

Held on 25th October 2024.



Resource Person: Mr. Pavan Kumar Natam, Senior Devops Engineer, Tredence Inc, Bangalore.

Event-6

One Day Workshop on “ Introduction to Development Environment”

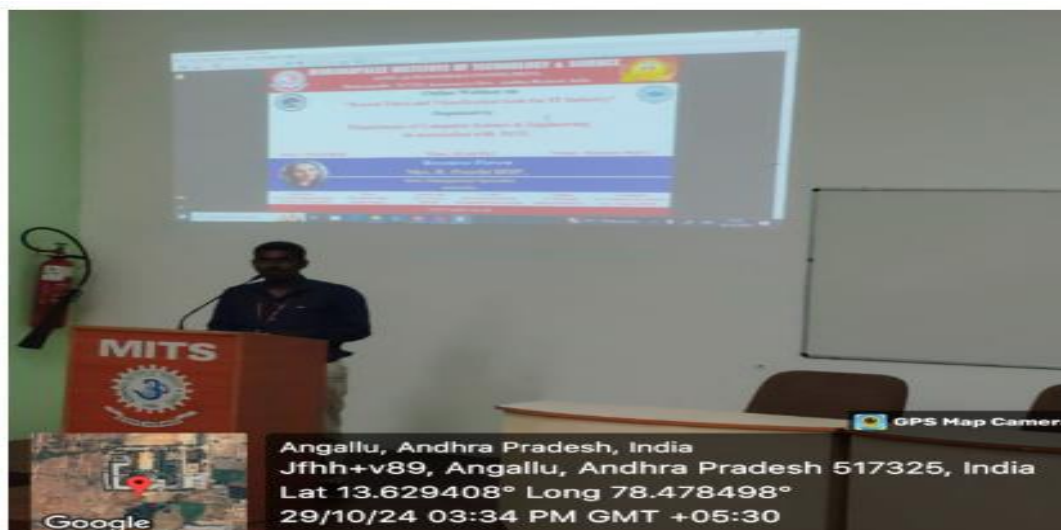
Held on 28th October 2024.



Event-7

Guest Lecture on “Recent Data and Visualization tools for IT Industry”

Held on 29th October 2024.

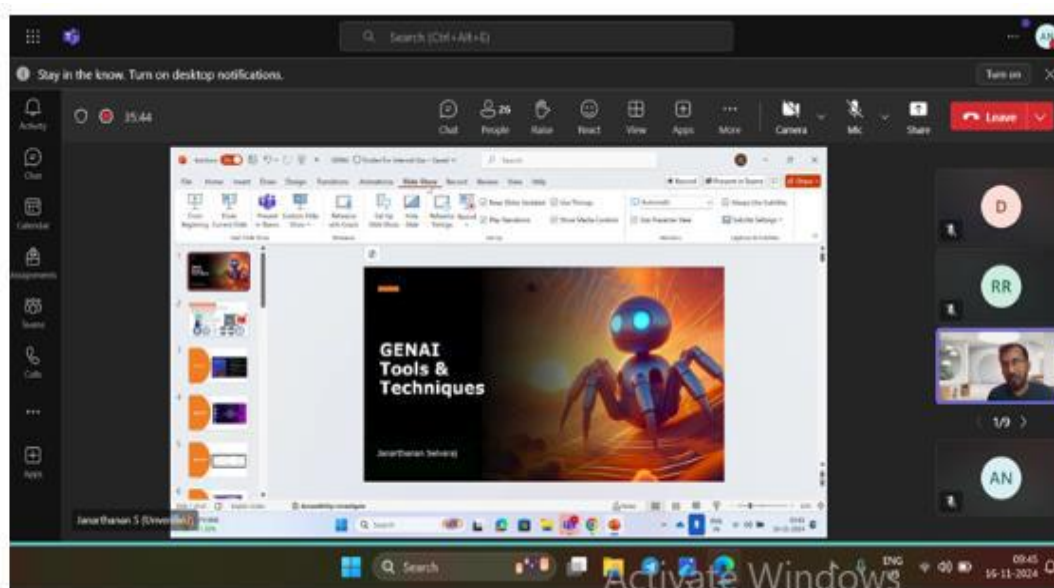


Resource Person: Mrs. R. Preethi , Data Management Specialist, BHP, Australia.

Event-8

One Week Short Term Training Programme on “Gen AI Tools and Techniques”

From 11th November 2024 to 16th November 2024.



Resource Person Details:

1. **Dr.Pradeep Kumar Roy**, Assistant Professor/Data Science & Information Systems, Indian Institute of Management, Nagpur.
2. **MrSakthivelSenthilkumar**, AI/ML Lead, Nunnari Labs Private Limited, Coimbatore.
3. **Dr. R.Krithiga**, Assistant Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Chennai.
4. **Dr.K.Venington**, Assistant Professor/CSE, National Institute of Technology, Srinagar.
5. **DrDiwakarTripathi**, Assistant Professor/CSE, National Institute of Technology, Jamshedpur.
6. **Mr.S.Janarathanan**, Senior Specialist &Eviden Expert AI, Eviden, Chennai.

Event-9

**Two Day's Workshop on “Empowering Real-time Solutions through IOT, AI, and Cloud Computing”
Held on 15th November 2024 & 18th November 2024.**



Resource Person: Mrs.A.Piriyyadarisani, Team Lead,CIC Private Limited, Tharamani, Chennai.

Event-10

**One Day Hands-on Training On “Virtual Reality and Its Applications”
Held on 20th November 2024.**



Resource Person: Mr.Ashok Kumar,Praya Labs, Thiruvannamalai.

Event-11

Alumni Guest Lecture On “Database Scalability: Handling Growing Data in Real-Time Systems”
Held on 20th November 2024.



Resource Person: Mr. C. Hanny (Alumnus of CSE 2018 – 2022 Batch), Software Engineer, TCS, Bangalore.

Event-12

Guest Lecture on “National Education Policy – 2020” held on 21st December 2024.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh

In Association with CSI

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Accredited by NAAC A+ Grade
Affiliation to JNTUA
ISO 9001:2015 Certified
MITS ranked in the band 261-300 - NIRF 2022

Department of Computer Science & Engineering
Organizing
Guest lecture
on
National Education Policy - 2020

Resource Person
Dr.R.Kalpna
Vice Principal – PG Program
Madanapalle Institute of Technology & Science
Madanapalle

Date: 21.12.2024 Time : 2.00 Pm – 5.00 Pm Venue : WB 308

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Mrs.Keerthi Nadella
Executive Director

Program Chair
Dr.C.Yuvraj
Principal

Convenor
Dr.M.Sreedevi.Ph.D.
Professor & Head, Dept. of CSE

Coordinators
Dr.R.Sudhakar
Associate Professor, CSE
Dr.G.Arun Kumar
Associate Professor, CSE

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Event-13

One Day National Level Hackathon, Held on 25th November 2024.



Resource Person: Mr. Krishna Kumar Thiagarajan, Vice President, Delta march Technologies, Bengaluru.

Event-14

Seminar On “Startup Success: Turning Ambition into Achievement”, Held on 5th December 2024.



Resource Person: Mr. Vallieswaran Vairavan, Founder in Neuu Labs, Bengaluru.

Faculty Participation in Workshop/Seminar

S.No	Event Type	Faculty Attended Events
1	FDP	48
2	STTP	42
3	Workshops/Webinar	4
4	Conference	1
Total		95

Research Activities

Details of Scopus Journals

S. No	Name of the Faculty	Title of the Paper	Name of the Journal
1	Mrs Sangeetha M	Improving the Performance of Machine Learning with Sequential Feature Selection and Grid Search	PRZEGLĄD ELEKTROTECHNICZNY, ISSN 0033-2097 (2024)
2	Mr Kaliyamoorthi P	Advancing Smart Cyber Physical System with Self-Adaptive Software	International Research Journal of Multidisciplinary Scope (IRJMS) , (2024)
3	Dr. K. Sudhakar	Enhancing radiographic image interpretation: WARES - PRS model for knee bone tumour detection	Network:Computation in Neural Systems, (2024)
4	Mrs Ramya Palaniappan	A novel approach to node coverage enhancement in wireless sensor networks using walrus optimization algorithm	Results in Engineering, Volume 24, 2024
5	Mr Kaliyamoorthi P	Biomedical Images Utilised To Analyse The Expression Of Death Receptor Ligands	In Journal of Environmental Protection and Ecology
6	Mrs Sangeetha M	Exploring Feature Relationships in Brain Stroke Data Using Polynomial Feature Transformation and Linear Regression Modeling	Journal of Machine and Computing
7	Mr Kumar A	Enhancing Flight Delay Prediction and Classification Using a Hybrid Bi-LSTM: Machine Learning	Communications on Applied Nonlinear Analysis
8	Mrs. R. Kavi Priya	Efficient Power-Aware Protocols For Green Cognitive Radio Networks In Industrial Communications	In Journal Of Environmental Protection And Ecology
9	Mrs B Swarna Jyothi	Remote Sensing–Based UAV Imaging in Heat Pattern Analysis Impact on Climate Change Detection Using Fuzzy Stacked Lasso Elastic-Net	Remote Sens Earth Syst Sci 7

		Model	
10	Mrs B Swarna Jyothi	Marine Life Analysis Based on Ocean Water Level Rise and Climate Change Using Underwater Imaging Techniques	Remote Sens Earth Syst Sci 7
11	Dr. M. Rajasekaran	Novel Routing Protocol To Overcome Packet Delay In Mobile Adhoc Network	Journal of Theoretical and Applied Information Technology., 2024
12	Dr. G. Arun Kumar	Weighted Majority Voting Ensemble for MRI-Based Brain Tumor Classification Using Capsule Networks and XGBoost	Applied Magnetic Resonance (2024)
13	Dr. G. Arun Kumar	Vocalnet: Revolutionizing Voice-Enabled Email For The Visually Impaired With Machine Learning And Iot Synergy	Frontiers in Health Informatics

Details of Conference Papers

S. No	Name of the Faculty	Title of the Paper	Name of the Conference
1	Mr. K. Sathish	A Deep Learning Approach for Sustainable and Secure Operations of Cloud Data Centres for Optimising the Energy Efficiency	International Conference on Expert Clouds and Applications, ICOECA 2024
2	Dr. D. J. AshpinPabi	Molecular Biomarkers for Personalized Diagnosis and Treatment of Gastric Cancer Using Deep Learning Techniques	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 2024
3	Dr. M. Sreedevi	A Support System Development for Healthcare System using FL and FC 4. Techniques	4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), (2024)
4	Mr. J. Nagaraj	Hate Speech Detection and Classification Using NLP	Second International Conference on Advances in Information Technology (ICAIT), 2024
5	Mr. Anandaraj. B	Parkinson's Disease Detection using Deep Learning	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024
6	Mr. Ch. Hemanand	The Influence of Mobile Commerce on Consumer Behavior: A FCM-RF DNN Analysis	International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), 2024
7	Mrs. G. B. Renuka	Integrating reliable AI to boost blockchain's transparency and accountability	1st International Conference on Advanced Computing and Emerging Technologies (ACET), 2024
8	Mr. Ch. Hemanand	Enhancing Patient Care: A Data-Driven Approach Using Decision Tree ELM Models for Improved Safety and Quality	3rd International Conference for Advancement in Technology (ICONAT), 2024
9	Mr. G. Muthugurunathan	Technological Innovations in IoT-Based Smart Agriculture Systems for Sustainable Crop Management	4th International Conference on Technological Advancements in Computational Sciences (ICTACS),2024
10	Mrs Ramya Palaniappan	Enhanced U-Net with Transformer-Driven Encoder for Medical Image Segmentation	International Conference on Brain Computer Interface & Healthcare Technologies (iCon-BCIHT), 2024

Details of Patents

- Mr. Anandaraj. B has published a patent with the title “SYSTEM AND METHOD FOR REAL-TIME MACHINE LEARNING IN DISTRIBUTED NETWORKS”, Indian patent in the month of November 2024.
- Dr. R. Nidhya has published a patent with the title “ADVANCED DEEP LEARNING FRAMEWORK FOR IDENTIFYING PLANT DISEASES FROM LEAF IMAGES”, Canadian – Copyright in the month of November 2024.
- Dr. R Sudhakar has published a patent with the title “METHODS AND COMPOSITIONS FOR ENHANCING PLANT STRESS TOLERANCE THROUGH GENETIC MODIFICATIONS”, Indian patent in the month of November 2024.
- Dr. G. Sreenivasulu, published a patent with the title “IOT and ML Based Elders support System For Independence in Daily Life” in the month of December 2024

Faculty Achievements

S. No	Name of the Faculty	Course Name	Certificate Type
1	Mrs Deepthi P	E Business	Elite+Silver (Topper of 1%)
2	Mrs Thripthi P Balakrishnan	Programming in Java	Elite+Silver (Topper of 5%)
3	Mr Kumar A	Introduction to Internet of Things	Elite+Silver
4	Mr Thangarasan T	Introduction to Industry 4.0 and Industrial Internet of Things	Elite+Silver
5	Dr Gunji Sreenivasulu	Introduction to Internet of Things	Elite+Silver
6	Mr Syed AbuThahir S	Introduction to Internet of Things	Elite+Silver
7	Mrs Geetha V	Introduction to Internet of Things	Elite
8	Mrs S SowmyaDevi	E-Business	Elite
9	Mr Kaliyamoorthi P	Data Structure and Algorithms using Java	Elite
10	Mr Thangarasan T	Programming in Modern C++	Elite
11	Mr Rajasekaran M	Introduction to Internet of Things	Elite
12	Mr J Nagaraj	Cloud Computing	Elite

13	Mr B Galeebathullah	Cloud Computing	Elite
14	Dr Gunji Sreenivasulu	Accreditation and Outcome Based Learning	Elite+Silver
15	Mr K H Shabeer Basha	Ethics in Engineering Practice	Elite
16	Mrs Ramya Palaniappan	Innovation, Business Models and Entrepreneurship	Elite
17	Mrs E Gayathri	Ethics in Engineering Practice	Elite
18	Dr G Sreenivasulu	Designing Learner-Centric E-Learning in STEM Disciplines	Elite
19	Mrs M Bommy	Introduction to Machine Learning	Elite+Gold (Topper of 2%)
20	Dr Nidhya R	Business Analytics & Text Mining Modeling using Python	Elite+Silver
21	Mr K Sathish	Business Analytics & Text Mining Modeling using Python	Elite+Silver
22	Mr Hemanand Chittapragada	Business Analytics & Text Mining Modeling using Python	Elite+Silver
23	Mr R Kavpriya	Research Methodolgy	Elite
24	Mrs Sangeetha M	Research Methodology	Elite
25	Mrs B Swrana Jyothi	Introduction to Machine Learning	Elite

List of Faculties Received Certificate of Appreciation

S. No	Name of the Faculty	Certificate Type
1	Mrs R Kavi Priya	Top Performing Mentor - Research Methodology
2	Mrs G B Renuka	Top Performing Mentor - Research Methodology
3	Mrs M Sangeetha	Top Performing Mentor - Research Methodology
4	Mrs G Vasundhara Devi	Top Performing Mentor - Research Methodology
5	Mr E Rajesh	Top Performing Mentor - Managing Intellectual Property in Universities
6	Mr K H Shabbeer Basha	Top Performing Mentor - Managing Intellectual Property in Universities
7	Mr Hemanand	Top Performing Mentor - Business Analytics and Text Mining Modeling using Python
8	Mr Muthugurunathan G	Top Performing Mentor - Business Analytics and Text Mining Modeling using Python
9	Dr Nidhya R	Top Performing Mentor - Business Analytics and Text Mining Modeling using Python

10	Mrs Ramya Palaniappan	Top Performing Mentor - Business Analytics and Text Mining Modeling using Python
11	Mrs Deepthi P	Top Performing Mentor - E Business
12	Dr Mohan M	Top Performing Mentor - E Business
13	Mr M S P DurgaRao	Top Performing Mentor - E Business
14	Mrs S SoumyaDevi	Top Performing Mentor - E Business
15	Mr B Anandaraj	Top Performing Mentor - Management Information System
16	Mr Galeebathullah	Top Performing Mentor - Management Information System
17	Mr J Nagaraj	Top Performing Mentor - Management Information System
18	Dr Rajasekaran M	Top Performing Mentor - Management Information System
19	Dr Mohan M	SIH Mentor
20	Mr AjayPradeep Natarajasivam	SIH Mentor
21	Dr Mohan M	IEEE Xtreme Programming Competiotion
22	Dr R Nidhya	Domain Certification - Data Science
23	Mr Kaliyamoorthi P	Domain Certification – Programming
24	Mr Thangarasan T	Domain Certification – Programming
25	Mr Muthugurunathan G	Domain Certification – Programming
26	Dr G Sreenivasuslu	Domain Certification - Faculty Domain Fundamental

Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks
1	19691A0559	Karthik Kovi	ISTE State Awards 2023	Aditya Institute of Technology and Management	25.10.2024	Best Student Innovator
2	22691A0587	Jaya Sai Pavan Gutta	Debugging	K.L.E Institute of Technology	30.11.2024 - 29.11.2024	3 rd Prize
3	22691A05J8	P. Santhosh Kumar	National Level Hackathon	Madanapalle Institute of Technology & Science	25.11.2024	1st Place
4	22691A0576	P.Hemasree	National Level Hackathon	Madanapalle Institute of Technology & Science	25.11.2024	3rd Place
5	22691A0585	A.Jaswanthi	National Level Hackathon	Madanapalle Institute of Technology & Science	25.11.2024	3rd Place
6	22691A0556	Divitha Y	Technical Quiz	CMR Engineering College	22.10.2024	1st Prize

Chief Editor

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Associate Editor

Mr. M S P Durgarao

Assistant Professor/CSE

Student Editors

K Naga Sai Karthik, III CSE

P Santhosh Kumar, III CSE

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