



**MIT'S**  
**MADANAPALLE**

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

# Computer Science & Engineering

NEWS LETTER

## CSE News Bulletin



**ACADEMIC YEAR : 2024-2025**  
**VOLUME 10, 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

Alumni Guest Lecture on “Seeking career transition from Data Analyst to Junior Data scientist”

Held on 14<sup>th</sup> August 2024.

The poster is for an Alumni Guest Lecture at Madanapalle Institute of Technology & Science (UGC-AUTONOMOUS INSTITUTION). The event is titled "Seeking career transition from Data Analyst to Junior Datascientist." and is organized by the Department of Computer Science & Engineering in association with IEEE. The date is 14/08/2024, time is 2:00 PM to 3:00 PM, and the venue is WB 303. The resource person is SIVA KUMAR ATHIGARI, a Power Automation Developer at Srinivasa Software Solutions Private Limited in Tirupati, Andhra Pradesh. The poster also lists several patrons and coordinators, including Dr. N. Vijaya Bhaskar Choudary, Mrs. Keerthi Nadella, Dr. C. Yuvraj, Dr. M. Sreedevi, Mrs. V. Geetha, and Dr. R. Kiran Kumar. The website www.mits.ac.in is provided at the bottom.

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

**IEEE** Alumni Guest Lecture **NBA** **NAAC A+**

**on**

**Seeking career transition from Data Analyst to Junior Datascientist.**  
Organized by  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
in association with **IEEE**

**Date : 14/08/2024** **Time : 2:00 PM to 3:00 PM** **Venue : WB 303**

**Resource Person**  
**SIVA KUMAR ATHIGARI**  
Power Automation Developer  
Srinivasa Software Solutions Private Limited - Tirupati, Andhra Pradesh

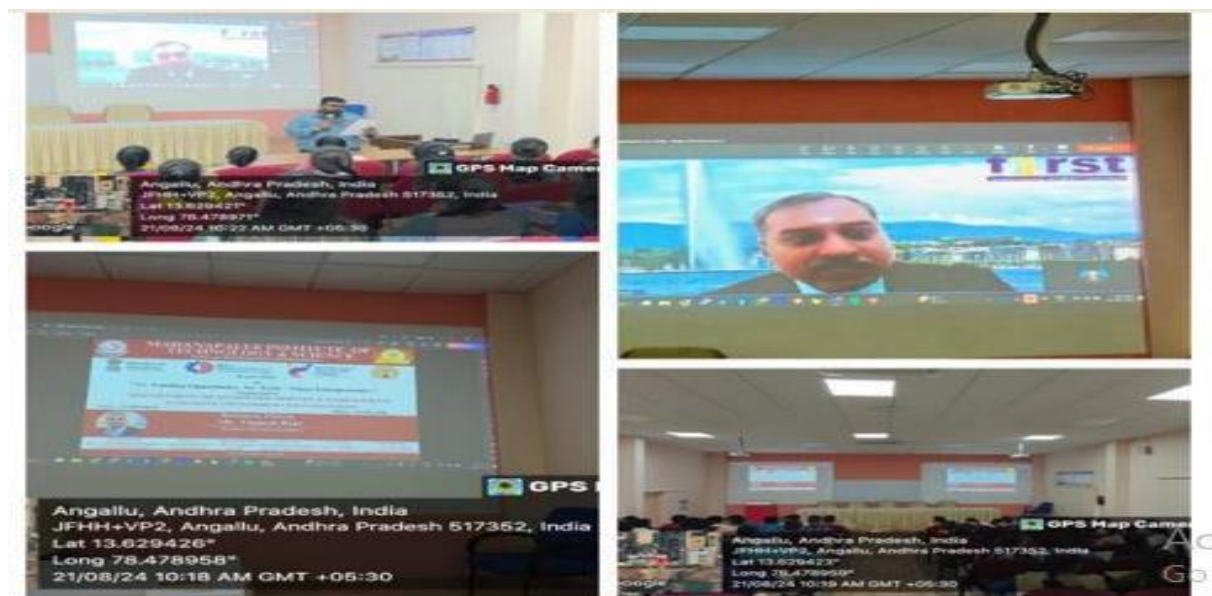
Chief Patron: Dr. N. Vijaya Bhaskar Choudary, Secretary & Correspondent  
Patron: Mrs. Keerthi Nadella, Executive Director  
Co - Patron: Dr. C. Yuvraj, Principal  
Convener: Dr. M. Sreedevi, HOD/ Dept. of CSE  
Alumni Coordinator: Mrs. V. Geetha, Assistant Professor/CSE  
Alumni Relation Officer: Dr. R. Kiran Kumar, Assistant Professors/ECE

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### Event-2

Online Expert Talk on “VC Funding Opportunity for Early- stage Entrepreneurs”

Held on 21<sup>st</sup> August 2024.



**Resource Person:** Mr.Vignesh Raja, Product Strategy Consultant.




### Event-3


**Department Level Hackathon organized by Department of Computer Science & Engineering**  
**Held on 28<sup>th</sup> August 2024.**



### Event-4

**Alumni Guest Lecture on “Mastering Technical Interviews: Tips and Tricks”**  
**Held on 3<sup>rd</sup> September 2024.**

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

**Alumni Guest Lecture**

**on**

**Mastering Technical Interviews : Tips and Tricks**  
Organized by  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
in association with **IEEE**

**Date : 03/09/2024****Time : 10:30 AM to 12:00 PM****Venue : Auditorium**

**Resource Person**  
**Mr. J. Paul Joseph**  
**AI/ML Engineer,**  
**Accenture , Bangalore.**

**Chief Patron**  
Dr. N. Vijaya Bhaskar Choudary  
Secretary & Correspondent

**Patron**  
Mrs. Keerthi Nadella  
Executive Director

**Co - Patron**  
Dr. C. Yuvaraj  
Principal

**Convener**  
Dr. M. Sreedevi  
HOD/ Dept. of CSE



**Alumni Coordinator**  
Mrs. V. Geetha  
Assistant Professor/CSE






**Alumni Relation Officer**  
Dr. R. Kiran Kumar  
Assistant Professors/ECE

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### Event-5

**Alumni Guest Lecture on “Building Your Professional Career: Strategic for Successful Placement”**  
**Held on 4<sup>th</sup> September 2024.**


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

**Alumni Guest Lecture**

**on**

**“Building Your Professional Career: Strategic for Successful Placement”**  
Organized by  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
in association with **IEEE**

**Date : 04/09/2024**      **Time : 2:00 PM to 3:00 PM**      **Venue : WB 303**



**Resource Person**  
**Ms. Sravani B**  
**Project coordinator**  
**MOURITech , Bangalore.**





<b>Chief Patron</b> Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	<b>Patron</b> Mrs. Keerthi Nadella Executive Director	<b>Co - Patron</b> Dr. C. Yuvaraj Principal	<b>Convener</b> Dr. M. Sreedevi HOD/ Dept. of CSE	<b>Alumni Coordinator</b> Mrs. V. Geetha Assistant Professor/CSE	<b>Alumni Relation Officer</b> Dr. R. Kiran Kumar Assistant Professors/ECE
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### Event-6


**Guest Lecture on “Real Time Exposure on Analysis of Biological Data Using Machine Learning Techniques”**  
**Held on 4<sup>th</sup> September 2024.**

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

**Seminar**

**on**

**REAL TIME EXPOSURE ON ANALYSIS OF BIOLOGICAL DATA USING MACHINE LEARNING TECHNIQUES**  
Organized by  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
in association with **ISTE**

**Resource Person**  
**Dr. SAMSON ANOSH BABU P**  
Assistant Professor, Department of Artificial Intelligence and Data Science  
Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana, 500075

**Date : 04/09/2024**      **Time : 02:00 PM to 04:00 PM**      **Mode : Online**      **Venue : Seminar Hall-B**

<b>Chief Patron</b> Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	<b>Patron</b> Mrs. Keerthi Nadella Executive Director	<b>Program Chair</b> Dr. C. Yuvaraj Principal	<b>Co Chair</b> Dr. M. Sreedevi HOD - CSE	<b>Convener</b> Mr. E. Rajesh Assistant Professor	<b>Co-ordinator</b> Mrs. B. Swarna Jyothi Assistant Professor
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### Event-7

**“IEEE Student Chapter - Intelligent Transport System” organized by Department of Computer Science & Engineering.**

**Held on 12<sup>th</sup> September 2024.**






**Resource Person:** Dr.Basabi Chakraborty, Dean and Professor, Department of Computer Science & Technology, Madanapalle Institute of Technology & Science, Madanapalle.

### Event-8



**Alumni Guest Lecture on “Top Tips for Excelling in Campus Placements”**

**Held on 17 September 2024.**


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

**IEEE**

**Alumni Guest Lecture**  
**on**  
**“Top Tips for Excelling in Campus Placements”**  
**Organized by**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**in association with MITS Alumni Welfare and IEEE**



**Date : 17/09/2024**  
**Time : 10:00 AM to 11:00 AM**  
**Venue : WB 308**

**Resource Person**  
**Mr. G. Revanth**  
**Software Engineer**  
**TCS , Bangalore.**

<b>Chief Patron</b> Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	<b>Patron</b> Mrs. Keerthi Nadella Executive Director	<b>Co - Patron</b> Dr. C. Yuvaraj Principal	<b>Convener</b> Dr. M. Sreedevi HOD/ Dept. of CSE	<b>Alumni Coordinator</b> Mrs. V. Geetha Assistant Professor/CSE	<b>Alumni Relation Officer</b> Dr. R. Kiran Kumar Assistant Professors/ECE
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### Event-9

**Guest Lecture on “Harnessing Deep Learning Technique for Enhanced Microvasculature Segmentation”**  
**Held on 19<sup>th</sup> September 2024.**

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

**IEEE** **Guest Lecture on** **NBA** **NAAC A+**

**Harnessing Deep Learning Technique for Enhanced Microvasculature Segmentation**  
**Organized by**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**in association with IEEE**

**Date : 19/09/2024 Time : 9:30 AM to 11:30 AM Venue : Seminar Hall-B Mode : Online**

**Resource Person**  
**Dr. M. Karthiga**  
Associate Professor, Department of Computer Science and Engineering  
Bannari Amman Institute of Technology, Tamil Nadu

**Chief Patron** **Patron** **Co - Patron** **Convener** **Co - ordinator**  
Dr. N. Vijaya Bhaskar Choudary Mrs. Keerthi Nadella Dr. C. Yuvaraj Dr. M. Sreedevi Ms. Ramya Palaniappan  
Secretary & Correspondent Executive Director Principal HOD/ Dept. of CSE Assistant Professor/CSE

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### Event-10

**Guest Lecture on “Sustainable Engineering: Challenges and Opportunities” Held on 20<sup>th</sup> September 2024.**

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

**IEEE** **Guest Lecture on** **NBA** **NAAC A+**

**Sustainable Engineering: Challenges and Opportunities**  
**Organized by**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**in association with MITS Alumni Welfare and IEEE**

**Date 20-09-2024 Time : 2:30 PM - 3:30 PM Venue: WB 308**

**Resource Person**  
**Ms. N. Pragathi**  
Graduate Engineer Trainee  
LTI MindTree - Bangalore.

**Chief Patron** **Patron** **Program Chair** **Convener** **Alumni Coordinator** **Alumni Relation Officer**  
Dr. N. Vijaya Bhaskar Choudary Mrs. Keerthi Nadella Dr. C. Yuvaraj Dr. M. Sreedevi Mrs. V. Geetha Dr. R. Kiran Kumar  
Secretary & Correspondent Executive Director Principal Professor & Head/CSE Assistant Professor/CSE Assistant Professors/ECE

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## Faculty Participation in Workshop/Seminar

S.No	Faculty Name	Name of the Event	Event Type	Organized by
1	Mr. E. Rajesh	AI And Gen AI with Industry Application	FDP	MIT Academy of Engineering (MIT AOE)
2	Mr. E. Rajesh	Exploring NewFrontiers inTeaching Tools, AI and Data Analytics	FDP	MEASI Institute of Information Technology
3	Mr. E. Rajesh	Essential Skills for Professional Development in Higher Education	FDP	Star International Foundation for Research and Education
4	Mr. E. Rajesh	Enhancing Academic and Administrative Excellence Through Quality Initiatives	FDP	Park's College
5	Mr. E. Rajesh	The Future of Computing: Emerging Technologies & Trends	FDP	G. Pulla Reddy Engineering College
6	Mr. E. Rajesh	Internet Of Things for Emerging Technical Applications	FDP	M.P.N Achimuthu M.J Aganathan Engineering College
7	Mr. J Nagaraj	Writing Research Articles using LaTeX– Overleaf	FDP	SriChandrashekarendra Saraswathi Vishwa Mahavidyalaya
8	Mr. T Thangarasan	Writing Research Articles using LaTeX– Overleaf	FDP	Sri Chandrashekarendra Saraswathi Vishwa Mahavidyalaya
9	Mrs. V Geetha	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	FDP	MEASI Institute of Information Technology
10	Mr. J. Nagaraj	Writing Research Articles using LaTeX– Overleaf	FDP	Sri Chandrashekarendra Saraswathi Vishwa Mahavidyalaya
11	Dr. D.J. Ashpin Pabi	Artificial Intelligence & Data Analytics	FDP	MITs, Madanapalle

## Research Activities

- Mr. J Nagaraj has published a research article in the Journal of Theoretical and Applied Information Technology, with the title“Improving the Cross-Layer Functionality to Overcome the Collision in Mobile AdhocNetwork”in the month of July 2024.
- Mr. T Thangarasan has published a research article in the South Eastern European Journal of Public Health (SEEJPH), with the title“Predicting Severity of Osteoarthritis Using Recurrent Convolutional Neural Networks (RCNN) And Medical Imaging Data”in the month of July 2024.
- Mrs. G B Renuka has published a research article in the Journal of Environmental Protection and Ecology,



with the title“Optimizing Energy Efficiency in Cloud based Big Data Environment Using Lstm-Dwn Reinforcement Learning”in the month of July 2024.

- Mr. M S P Durgarao has published a paper in International Conference on Knowledge Engineering and Communication Systems (ICKECS)-2024, with the title “A Security framework for 5G-enabled wireless sensor networks based on blockchain technology” in the month of August 2024.
- Dr. R Nidhya has published a book chapter in Artificial Intelligence-Enabled Digital Twin for Smart Manufacturing, 2025 with the title “Digital Twin-Enabled Smart Manufacturing: Challenges and Future Directions” in the month of September 2024.
- Dr. R Sudhakar has published a patent with the title “An Innovative E-Pilots System For Aircraft Hard-Landing Prediction Based On Deep Learning Technique”, Indian patent in the month of September 2024.

## Faculty Achievements

S. No	Name of the Faculty	Course Name	Certificate Type
1	Mr Ajaypradeep Natarajasivam	Design Thinking - A Primer	Elite + Silver
2	Mr E Rajesh	Managing Intellectual Property in Universities	Elite + Silver
3	Mr Muthugurunathan G	Technical Communication for Engineers	Elite + Silver
4	Mr K H Shabeer Basha	Managing Intellectual Property in Universities	Elite

## List of Faculties Received Certificate of Appreciation

- Mr. G Muthugurunathan has received Appreciation Certificate for his service as a resource person and conducting sessions on Universal Human Values in Student Induction Program in the month of August 2024.

## Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks
1	22691A05B7	Manasa N	Project Expo	Sathyabama Institute of Science and Technology	25.9.2024 - 27.9.2024	2 <sup>nd</sup> prize
	22691A0526	Bhargav Reddy M				
	22691A05D1	Mohan Vamsi V				

2	21691A05L1	Sree Charitha S	Coding	R V R & J.C College of Engineering	24.09.2024	1st Prize
3	22691A05F9	Poojitha B	Coding	R V R & J.C College of Engineering	24.09.2024	3rd Prize
4	21691A05M0	Sunanda P	Paper Presentation	Aditya Engineering College	11.9.2024-12.9.2024	Best Paper Award
	21691A05N1	Thanmayee P				
	21691A05P2	Vyshnavi E				
5	22691A05C2	Meghana	Poster Presentation	Adhiyamaan College of Engineering	12.9.2024-13.9.2024	1st Price
6	23691A0535	Deepika	Poster Presentation	RMK College of Engineering & Technology	12.8.2024	2nd Prize

*Congratulations!*





**Chief Editor**

**Dr. M. Sreedevi**

Professor & Head/CSE

**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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Madanapalle Institute of Technology & Science

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Annamayya District, Andhra Pradesh,

India



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