



**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE
(UGC – AUTONOMOUS)**



**DEPARTMENT OF
COMPUTER SCIENCE
& ENGINEERING**



CSE NEWS BULLETIN (2024–2025)

NEWSLETTER EDITORS

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**Madanapalle Institute of Technology & Science
(UGC- Autonomous)**

Department of Computer Science & Engineering

July - September, 2024

Volume-10, Issue-1

Highlights

- Conference/Workshop/Seminar(s) organized.
- Faculty Participation in Workshop/Seminar
- Research Activities
- Faculty Achievements
- Department Meetings

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)


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

 **IEEE**  **Alumni Guest Lecture**  **NBA**  **NAAC A+**
NATIONAL BOARD OF ACCREDITATION
CELEBRATING 25 Years ACADEMIC EXCELLENCE
GRADE INSTITUTION

on

Seeking career transition from Data Analyst to Junior Data scientist.
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. 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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Alumni Guest Lecture
on
Seeking career transition from Data Analyst to Junior Data scientist
Held on 14 August 2024


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

 **IEEE**  **Alumni Guest Lecture**  **NBA**  **NAAC A+**
NATIONAL BOARD OF ACCREDITATION
CELEBRATING 25 Years ACADEMIC EXCELLENCE
GRADE INSTITUTION

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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Alumni Guest Lecture
on
Mastering Technical Interviews: Tips and Tricks

Held on 3 September 2024

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

 **IEEE**  **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.





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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Alumni Guest Lecture
on
Building Your Professional Career: Strategic for Successful Placement


Held on 4 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, Gandipeet, Hyderabad, Telangana, 500075

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

Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C. Yuvaraj Principal	Co Chair Dr. M. Sreedevi HOD - CSE	Convener Mr. E. Rajesh Assistant Professor	Co-ordinator Mrs. B. Swarna Jyothi Assistant Professor
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Alumni Guest Lecture
on
Real Time Exposure on Analysis of Biological Data Using Machine Learning Techniques
Held on 4 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.

 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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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  **Guest Lecture**  **on** 

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 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	Co - ordinator Ms. Ramya Palaniappan Assistant Professor/CSE
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Alumni Guest Lecture
on
Harnessing Deep Learning Technique for Enhanced Microvasculature Segmentation
Held on 19 September 2024



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





Guest Lecture
on
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 Secretary & Correspondent	Mrs. Keerthi Nadella Executive Director	Dr. C. Yuvaraj Principal	Dr. M. Sreedevi Professor & Head/CSE	Mrs. V. Geetha Assistant Professor/CSE	Dr. R. Kiran Kumar Assistant Professors/ECE

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Alumni Guest Lecture
on
Sustainable Engineering: Challenges and Opportunities
Held on 20 September 2024

Faculty Participation in Workshop/Seminar

S. No	Faculty Name	Name of the Event	Event Type	Organized by
1	Mrs. Ramya Palaniappan	INNO TECH – Exploring Emerging Computer Trends-2024	FDP	Sathya Bama Institute of Science and Technology
2	Mrs. Ramya Palaniappan	Harnessing Artificial Intelligence for Healthcare Excellence	FDP	SRM Institute of Science and Technology
3	Mr. E. Rajesh	AI And Gen AI with Industry Application	FDP	MIT Academy of Engineering (MIT AOE)
4	Mr. E. Rajesh	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	FDP	MEASI Institute of Information Technology
5	Mr. E. Rajesh	Essential Skills for Professional Development in Higher Education	FDP	Star International Foundation for Research and Education
6	Mr. E. Rajesh	Enhancing Academic and Administrative Excellence Through Quality Initiatives	FDP	Park's College
7	Mr. E. Rajesh	The Future of Computing: Emerging Technologies & Trends	FDP	G. Pulla Reddy Engineering College
8	Mr. E. Rajesh	Internet Of Things for Emerging Technical Applications	FDP	M.P.N Achimuthu M.J Aganathan Engineering College
9	Mr. E. Rajesh	Intellectual Property Rights in the age of AI, ML, Cyber Security & Blockchain	FDP	Mangalmay Institute of Management & Technology
10	Mr. J Nagaraj	Writing Research Articles using LaTeX – Overleaf	FDP	Sri Chandrashekarendra Saraswathi Vishwa Mahavidyalaya
11	Mr. T Thangarasan	Writing Research Articles using LaTeX – Overleaf	FDP	Sri Chandrashekarendra Saraswathi Vishwa Mahavidyalaya
12	Mrs. V Geetha	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	FDP	MEASI Institute of Information Technology

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 Adhoc Network” 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.

Faculty Achievements

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 the Student Induction Program in the month of August 2024.

Department Meetings

Meeting Held on 27/08/2024 in the WB 308 at 12:15 P.M with Dr. M. Sreedevi, CSE/HoD as chair.

AGENDA:

1. DISCUSSION ON FILE PREPARATION FOR UPCOMING NBA VISIT
2. DISCUSSION ON EVENT ORGNIZING BY FACULTY MEMBERS
3. DISCUSSION ON CODETANTRA FOR IMPROVING PROBLEM SOLVING SKILLS OF STUDENTS
4. DISCUSSION ON FACULTY PUBLICATIONS

RESOLUTIONS:

The following points were discussed, and conclusions made accordingly.

1. It is informed that all faculties to complete the allotted files, for the upcoming NBA visit.
2. Dr. R. Nidhya & Dr. K. Sudhakar will act as NBA coordinators and criteria-wise coordinators are informed to guide the team to prepare files as per the requirements.
3. All faculty members were informed to start the process of drafting, submitting and publishing research articles in reputed journals (SCI and Scopus indexing) for the current AY: 2024-25.
4. Code Tantra platform can be used for improving the problem solving and logical skills of II- & III-year students.
5. All faculty members are insisted to organize Guest Lectures/ Seminars/ Webinars/ FDP / Workshops for enriching the knowledge of both the student and faculty community.

Meeting Held on 12/09/2024 in the WB 308 at 05:00 P.M with Dr. M. Sreedevi, CSE/HoD as chair.

AGENDA:

1. DISCUSSION ON FILE PREPARATION FOR UPCOMING NBA VISIT
2. DISCUSSION ON THEORY AND LAB ACTIVITIES
3. DISCUSSION ON CODETANTRA FOR IMPROVING PROBLEM SOLVING SKILLS OF STUDENTS
4. DISCUSSION ON FACULTY PUBLICATIONS
5. DISCUSSION ON EVENT ORGANIZING BY FACULTY MEMBERS

RESOLUTIONS:

The following points were discussed, and conclusions made accordingly.

1. Course coordinators have the following responsibilities regarding handling course in the current semester
 - Prepare 2 sets of question paper for mid exams & model exam after discussing with individual course instructor.
 - Ensure quality of QP with respect to OBE standards.
 - Frame Cos and verify the CO-PO attainment.
 - Mail QPs to HoD mam within the stipulated date following COs and blooms taxonomy as per standards needed for NBA audit.

2. Teaching Methodology for effective learning
 - All faculty members have to explain concepts in class with real time examples.
 - All faculty members have to concentrate more on important topics.
 - All faculty member has to guide the students to write down important concepts/formulas/syntax while handling the theory session.
3. Lab handling
 - All faculty members have to explain the logic used to solve the problem through algorithm and make the students to build program themselves.
 - All faculty members have to concentrate on the batch allotted to them to clear errors and understand the concept.
 - All faculty member has to guide the students to write down important concepts/formulas/syntax while handling the theory session.
4. NBA related works
 - All faculty members are informed to refer NBA manual and old SAR report to plan filing and evidence collection works for their allotted files.
 - All NBA criteria in charges are informed to guide and follow-up file completion of all the concerned file in charges.
5. All mentors and coordinators have to motivate and follow-up students to learn and build coding skills in Code Tantra platform.
6. All faculty members have to mark attendance on the same day for the classes and strictly mark present for the students who attended the class.
7. All faculty members are informed to conduct various activities under all professional bodies – IIC, IIIC, ED cell.
8. All faculty members are informed to apply for ATAL and JNTUA FDPs to enrich faculty community with recent technology for effective teaching.
9. All faculty members are motivated to publish a minimum of two research articles in Scopus and SCI indexed renowned journals.
10. All faculty members are instructed to get membership in professional bodies like ISTE, CSI, IEEE.
11. All faculty members are motivated to register for NPTEL courses and complete with good grade.
12. All faculty members are informed to provide video lecture E-contents regularly.

Meeting Held on 21/09/2024 in the WB 308 at 12:30 P.M with Dr. M. Sreedevi, CSE/HoD as chair.

AGENDA:

1. DISCUSSION ON FILE PREPARATION FOR UPCOMING NBA VISIT
2. DISCUSSION ON THEORY AND LAB ACTIVITIES
3. DISCUSSION ON FACULTY PUBLICATIONS

RESOLUTIONS:

The following points were discussed, and conclusions made accordingly.

1. NBA related works
 - All faculty members are informed to update allotted files in periodic intervals to make them ready for NBA audit.
 - Course Outcomes (Cos) and their mapping with POs have to be verified by all Course coordinators.
 - All faculty members are instructed to frame question paper based on OBE standards.
2. All faculty members are informed to submit idea proposals for MSME hackathon and file patents.
3. Mentoring Students
 - All mentors are informed to encourage students to participate in intra-college and inter-college level technical fest.
 - All mentors are informed to monitor and encourage all allotted mentees to carry out their academic and co-curricular activities at periodic intervals (once in 15 days).
 - All mentors are informed to motivate and follow-up II & III mentees to take up courses and learn coding skills in Code Tantra platform.
4. All faculty members are informed to follow up III years students to do mini-projects.
5. All mentors are informed to motivate their mentees to take up Industry certifications to add weightage to their resumes.
6. All faculty members are informed not to take mobile phones for lab and theory hours.
7. All faculty members are informed to make use of the lab session effectively to build problem solving and logical skills of students
8. All mentees are informed to conducted individual and group meetings are record the minutes of meeting in IMS.