



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(Deemed to be University)



Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi  
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)  
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

**A Report on Technical Event on "Demo Verse: Multidisciplinary Projects"**  
**Organized by Department of CSE-Artificial Intelligence & Machine Learning**  
**In Association with IEEE Information Theory Society Student Chapter**  
**on 03.02.2026**



**Report Submitted by: Mrs. R. Usha, Assistant Professor, Department of CSE (AI and ML)**

**Reviewed by: Dr. Anantha Raman. L, Assistant Professor, Department of Mechanical Engineering.**

**No of Batches Presented: 09**

**Participants: II Year CSE (AI and ML) – 86 Students**

**Venue: Seminar Hall - B**

**Mode of Conduct: Offline**

**Report received on 05.02.2026.**

The Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) organized a Technical Event “Demo Verse: Multidisciplinary Projects” on 03.02.2026. The event aimed to promote interdisciplinary learning by integrating AI & ML with EEE, Civil, and Mechanical Engineering Domains.

**Welcome Address:**

Dr E. Sandhya, Assistant Professor, Department of CSE (AI and ML) at Madanapalle Institute of Technology & Science (MITS), Madanapalle, delivered a warm and engaging welcome address to “Demo Verse: Multidisciplinary Projects,” a technical event organized by the Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), in association with the IEEE Information Theory Society Student chapter commenced at 03:00 PM.

The objective of this program is to encourage students to think beyond conventional boundaries, explore emerging technologies, and apply AI-driven approaches across diverse engineering domains. This platform provides you with an opportunity to showcase your creativity, share ideas, and gain valuable insights through interaction and peer learning.

**Keynote Address:**

Dr. S. Padma, Associate Professor and Head, Department of CSE (AI and ML), Madanapalle Institute of Technology & Science (MITS), Madanapalle, welcomed the students with her keynote address, highlighting the importance of evolving technological landscape, Artificial Intelligence and Machine Learning are no longer confined to computer science alone. They have become powerful tools transforming every engineering discipline — from smart power systems in EEE, intelligent infrastructure in Civil Engineering, to predictive maintenance and automation in Mechanical Engineering. This event is a perfect example of how interdisciplinary collaboration can lead to innovative and impactful solutions.

The purpose of Demo Verse is to encourage students to think creatively, integrate knowledge across domains, and develop project ideas that address real-world challenges. Such multidisciplinary exposure helps you build critical thinking, teamwork, and problem-solving skills that are essential for your professional journey.

**Objectives**

- Encourage interdisciplinary project development
- Promote innovative thinking among students
- Enhance presentation and communication skills
- Apply AI & ML to real-world engineering problems

## Event Proceedings

III B. Tech students of CSE (AI and ML) actively presented their interdisciplinary projects, showcasing innovative integration of Artificial Intelligence and Machine Learning with core engineering domains such as Electrical and Electronics Engineering, Civil Engineering, and Mechanical Engineering. Each team explained the problem statement, proposed methodology, system architecture, and expected outcomes of their projects. The presentations highlighted real-world applications including smart automation, intelligent infrastructure, predictive maintenance, and data-driven engineering solutions. Faculty members evaluated the projects and provided constructive feedback regarding technical feasibility, implementation strategies, and future enhancements. The session encouraged collaborative learning, critical thinking, and creativity among students, enabling them to gain practical exposure to multidisciplinary problem-solving approaches.



The reviewer Dr Anantha Raman. L, Assistant Professor Dept of ME, appreciated the students' efforts in presenting interdisciplinary projects that effectively integrated Artificial Intelligence and Machine Learning with EEE, Civil, and Mechanical Engineering domains. They commended the originality of ideas, clarity in problem identification, and relevance of proposed solutions to real-world challenges.

The reviewers highlighted the importance of strengthening technical implementation, data validation, and system design in future projects. Students were encouraged to enhance documentation, improve presentation skills, and explore scalable solutions with practical feasibility. Overall, the reviewers expressed satisfaction with the students' enthusiasm and innovative approach and emphasized that such multidisciplinary platforms significantly contribute to skill development and industry readiness.



## Vote of thanks:

The event concluded with a Vote of Thanks expressing sincere gratitude to the Management, Vice Chancellor, Registrar, Principal, Vice Principal Administration, and HoD Dr. S. Padma for their continuous support and guidance. Heartfelt thanks were extended to Dr. E. Sandhya, faculty members, and reviewers for their valuable contributions and feedback. Special appreciation was conveyed to the students for their active participation and to the organizing team and volunteers for their dedicated efforts in making the event a success.

## Outcomes:

Students were able to:

- Identify interdisciplinary applications of AI & ML
- Develop innovative project concepts
- Improve technical communication skills
- Apply problem-solving strategies
- Work collaboratively in teams

UN–SDG Mapping

SDG 4 – Quality Education

SDG 9 – Industry, Innovation and Infrastructure

SDG 17 – Partnerships for the Goals