

ABOUT MITS DEEMED TO BE UNIVERSITY

Madanapalle Institute of Technology & Science (MITS) was established in 1998 in the scenic and serene surroundings of Madanapalle. The institute is ideally situated on a spacious 26.17-acre campus in the Madanapalle–Anantapur Highway (NH-42), near Angallu, approximately 10 km from Madanapalle. MITS was founded under the Ratakonda Ranga Reddy Educational Academy, under the leadership of Late Sri N. Krishna Kumar, M.S. (U.S.A.), the then President, and Dr. N. Vijaya Bhaskar Choudary, Ph.D. the visionary leader of the Academy.

With 28 years of academic excellence, MITS has earned NAAC A+ accreditation and NBA recognition for its programs. In recognition of its quality standards and contributions to higher education, the Government of India has conferred MITS the status of a Deemed to be University under Section 3 of the UGC Act, 1956. vide Notification No. 9-1/2025-U.3(A) dated 15th July, 2025.

MITS - Deemed to be University is now governed by the visionary and proactive leadership of Dr. N. Vijaya Bhaskar Choudary, the founder and Chancellor. Redefining the education in the international standard, MITS Deemed to be University, now continues to strive with a total commitment and dedication to establish the institution as one of the foremost centers of academic excellence in India. With well-defined strategies and action plans that align with the evolving needs of the globe, MITS Deemed to be University has set forth its educational Odyssey.

ABOUT THE PROGRAMME

Artificial Intelligence and Machine Learning are transforming education, research, healthcare, manufacturing, finance, and numerous other sectors. This Faculty Development Programme is designed to provide participants with a strong foundation in AI and ML concepts while exploring practical applications and future trends.

The programme will offer expert lectures, demonstrations, case studies, and discussions that enable participants to integrate AI and ML technologies into teaching, research, and industrial applications.

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Founder & Chancellor

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Co-Coordinator

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MITS
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University under section 3 of UGC Act, 1956)
Madanapalle-517325, Annamaya Dist., Andhra Pradesh, India.
www.mits.ac.in



MITS DEEMED TO BE UNIVERSITY (Under Section 3 of UGC Act, 1956)

One Week Online Faculty Development Programme (FDP)

On

**"AI and Machine Learning for All:
Foundations, Applications, and Future
Trends"**

Organized by

**Department of Computer Science and
Engineering
(Artificial Intelligence and Machine
Learning)**

From 20th July 2026 – 25th July 2026

www.mits.ac.in

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) and Computer Science and Engineering (Networks) was established in 2023 with a vision to nurture skilled professionals and researchers in emerging computing technologies. The department offers B.Tech programmes in Artificial Intelligence & Machine Learning and Computer Science & Engineering (Networks), an M.Tech programme in Artificial Intelligence & Machine Learning, and a Ph.D. programme in Computer Science and Engineering. The curriculum is designed to be flexible, industry-oriented, and aligned with the rapidly evolving demands of the IT sector. Through a blend of academic excellence, research, innovation, industry collaborations, and experiential learning opportunities, the department is committed to preparing students to excel in academia, research, entrepreneurship, and the global technology workforce.

OBJECTIVES

- Understand fundamental concepts of Artificial Intelligence, Machine Learning, and Deep Learning.
- Identify opportunities for AI adoption in teaching, research, and administration.
- Apply machine learning techniques to solve real-world problems.
- Explore Generative AI and Large Language Models.
- Understand ethical, legal, and societal implications of AI.
- Develop AI-enabled educational and research initiatives.

ELIGIBILITY TO PARTICIPATE

Faculty Members of AICTE/UGC Recognized Universities and Engineering Colleges, Research Scholars, PG Students, and Industry Professionals.

TOPICS TO BE COVERED

Day 1

Topic: Anomaly Detection and Causal Effect Analysis in Modern AI Systems for Intelligent Decision-Making

Resource Person: Dr. Sudhir Kumar Mohapatra, Professor, Sri Sri University, Cuttack, Odisha

Day 2

Topic: Identify opportunities for AI adoption in teaching, Research and administration

Resource Person: Dr. Ch. Ramesh Babu, Associate Professor, MGIT, Hyderabad

Day 3

Topic: Application of ML and DL for Civil Engineering, Mechanical Engineering and Law

Resource Person: Dr. Ramakanta Mohanty, Professor MITS Deemed to be University

Day 4

Topic: Application of AI/ML on Medical Image Processing

Resource Person: Ms. Aishwarya Priyadarshini, Research Scientist, Samsung R & D, Delhi NCR

Day 5

Topic: AI Tools for Research, Teaching, and Industry

Resource Person: Dr. Sudhakar T, Assistant Professor MIT Campus, Anna University, Chennai

Day 6

Topic: Future Trends, Ethics, and Responsible AI

Resource Person: Dr. Rahul Semwal, Assistant Professor, IIT Nagpur

Mode of Conduct

Online (Google Meet / Microsoft Teams)

E-Certificate

E-Certificates will be issued to participants satisfying attendance requirements.

REGISTRATION DETAILS

Internal Faculty Members/Research Scholar/UG/PG

Students: ₹100

External Faculty Members: ₹150

Industry Participants: ₹200

REGISTRATION FORM LINK

Internal: <https://11nq.com/7f3q9h6>

External: <https://11nk.dev/odoh98m>

PAYMENT QR CODE



CONTACT INFORMATION

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