**Chief Patron**
**Dr. N. Vijaya Bhaskar Choudary**
Founder & Chancellor

**Patrons**
**Sri. Nadella Dwarakanath**
Pro-Chancellor

**Mrs. Keerthi Nadella**
Executive Director

**Program Chair**
**Dr. C. Yuvaraj**
Vice Chancellor (I/c)

**Co - chairs**
**Dr. D. Pradeep Kumar**
Registrar (I/c)

**Dr. P. Ramanathan**
Principal

**Dr. C. Kamal Basha**
Vice Principal Administration

## ORGANIZING COMMITTEE

**Convenor**
**Dr. S. Padma**
Assoc., Professor & Head, CSE (AI and ML)

**Co-ordinators**
**Dr. M. Rajeswari**
Assoc., Professor, Dept. of CSE (AI and ML)

**Mr. Subhas Das**
Assistant Professor, Dept. of CSE (AI and ML)

## ABOUT THE INSTITUTE

Madanapalle Institute of Technology & Science (Deemed to be University) was established in 1998 in the scenic surroundings of Madanapalle in a sprawling 26.17-acre campus. MITS - Deemed to be University is governed by the visionary and proactive leadership of Dr. N. Vijaya Bhaskar Choudary, the Founder and Chancellor.

With 27 years of academic excellence, MITS is recognized for its quality standards and contributions to higher education. The education at MITS conforms to the international standard with commitment and dedication to establish the institution as one of the premier centers of academic excellence in India.

## VISION

To serve our region, nation and world through academic excellence, research relevance, and community engagement while emphasizing the importance of the individuals

## MISSION

The MITS Deemed to be University is committed to providing a dynamic and inclusive learning environment that nurtures intellectual curiosity, promotes critical thinking, and cultivates ethical leadership. Our mission is to empower students with the knowledge, skills, and values necessary to thrive in a rapidly changing global society

## ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning) was established in 2023. The department offers four-year undergraduate degree program designed to be flexible and aligned with the evolving demands of the information technology industry. The College Academic Council and the department's Board of Studies are committed to deliver a high-quality education with an advanced curriculum, ensuring that students are industry-ready and prepared to excel in the modern business environment.

# MITS
## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University Under Section 3 of UGC Act, 1956)
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

### Dept. of Computer Science and Engineering (AI and ML)

ORGANIZING

SIX-DAY ONLINE

FACULTY DEVELOPMENT PROGRAM

ON

"Next Generation Cyber Defense with Deep Learning"

NAAC A+ GRADE INSTITUTION

MITS ranked in the band 201 - 300 - NIRF 2025

AICTE

TÜV SUD ISO 21001

**Date: 16th March to 21st March - 2026**

**Time: 6:00 PM to 7:30 PM**

**MODE : Virtual**

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## ABOUT THE FDP

Cyber threats are evolving rapidly with sophisticated attacks such as ransomware, advanced persistent threats (APT), and AI-driven malware. Traditional security mechanisms are no longer sufficient to defend modern digital infrastructures. This Faculty Development Program (FDP) on "Next Generation Cyber Defense with Deep Learning" aims to equip faculty members with cutting-edge knowledge of deep learning techniques applied in cyber security.

The program provides comprehensive coverage of critical areas such as intrusion detection systems, malware classification, network anomaly detection, adversarial machine learning, explainable AI, and AI-powered security operations. These domains represent the forefront of next-generation cyber defense strategies and are essential for addressing sophisticated, evolving cyber threats. By exploring deep learning techniques applied to real-world cybersecurity datasets such as NSL-KDD and CICIDS, the FDP emphasizes the strategic role of AI in strengthening digital infrastructures. The program highlights how intelligent models enhance threat detection accuracy, improve incident response efficiency, and contribute to building resilient, adaptive security frameworks for modern enterprises and academic research environments.

This FDP bridges theory, practical implementation, and research directions, enabling faculty to integrate AI-driven cybersecurity concepts into curriculum delivery, research projects, and industry collaborations

## FDP OUTCOMES:

By the end of the FDP, participants will be able to:
- Explain the role of deep learning in modern cyber defense systems
- Apply deep learning models for intrusion and malware detection.
- Analyze network traffic datasets to detect anomalies using DL techniques.
- Evaluate performance metrics of cybersecurity ML models.
- Design AI-driven cyber defense architectures for real-world environments.
- Assess adversarial threats and implement defensive mechanisms.

## REGISTRATION FEE DETAILS:

| Category | Amount |
|---|---|
| External Faculty | Rs. 200/- |
| Internal Faculty / PG Scholars /PhD Scholars | Rs. 100/- |

## DISTINGUISHED SPEAKERS:

**DAY 1: 16-03-2026 (MONDAY)**
**TIME: 6:15 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. E. GOLDEN JULIE
Assistant Professor(Sr.Grade),Department of CSE,
Regional campus, Annauniversity,
Tirunelveli.

**DAY 2: 17-03-2026 (TUESDAY)**
**TIME: 6:00 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. KAUSHLENDRA SHARMA
Assistant Professor,
IIIT Nagpur

**DAY 3: 18-03-2026 (WEDNESDAY)**
**TIME: 6:00 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. BALAJI RAJENDRAN
Associate Director at CDAC,
Bengaluru

**DAY 4: 19-03-2026 (THURSDAY)**
**TIME: 6:00 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. M. ROSHNI THANKA
Associate Professor,
Department of Data Science and Cyber Security,
Karunya University, Coimbatore

**DAY 5: 20-03-2026 (FRIDAY)**
**TIME: 6:00 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. SUBHAS BARMAN
HoD, CSE,
JGEC, West Bengal

**DAY 6: 21-03-2026 (SATURDAY)**
**TIME: 6:00 PM TO 7:30 PM, MODE: ONLINE (MS TEAMS)**

### DR. K K SOUNDRA PANDIAN
Scientist / Additional Director,
Ministry of Electronics & Information,
Technology (MeitY),
New Delhi.

## PROGRAM COMMITTEE MEMBERS:

Dr. Sandhya. E, Assistant Professor

Dr. R. Praveen Kumar, Assistant Professor

Mr. P. Udayakumar, Assistant Professor

Mr. B. S. H. Shayeez Ahamed, Assistant Professor

Mrs. R. Usha, Assistant Professor

Mrs. N. Geethanjali, Assistant Professor

Mr. V. Sivaraman, Assistant Professor

Mr. Tharakeswara Raju B, Assistant Professor

Mr. G. Nithin, Assistant Professor

## REGISTRATION LINK AND QR CODE

https://docs.google.com/forms/d/e/1FAIpQLScwI9yd9zKkIxPTMV0vy2s9kEOiLVLpL224zvYft6T4LZ5l4w/viewform?usp=header

UPI ID: subhas.ds@oksbi

Scan to pay with any UPI app

**PAYMENT QR CODE**

**REGISTRATION QR CODE**

**Note :** Whatsapp group and meeting links will be provided through E-Mail communication for the registered participants only.

**Certificate:** E-certificate will be provided to all the participants with 80% attendance in the FDP. Students will receive E-certificate as "Short Term Training Program"

## FURTHER DETAILS CONTACT :

Dr. M. Rajeswari
Assoc., Professor, Dept. of CSE (AI and ML)
drrajeswarim@mits.ac.in

Mr. Subhas Das
Assistant Professor, Dept. of CSE (AI and ML)
Ph no:- 7551817633, Subhasdas@mits.ac.in