



MIT'S

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (Deemed to be University under section 3 of UGC Act, 1956)



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Madanapalle-517325, Annamaya Dist., Andhra Pradesh, India.



Department of Computer Science & Engineering (Artificial Intelligence)

PRESENTS

An innovation-driven exhibition titled "AI Powered Solution Expo: Demo Day for AI / Industry 4.0 Prototypes"

Who Can Participate

- Open to UG & PG students
- Team Size: 2 members
- Registration Fee: ₹100 per team (Non-refundable)

General Guidelines

- Each team must register with a unique team name
- Select one problem statement only
- Problem statements must align with approved themes
- Teams may refine the problem statement based on their approach, but the core intent of the theme must remain unchanged.
- Teams must present a working prototype or minimum viable product (MVP).
- Solutions may include software, hardware, or hybrid prototypes.
- Participants are encouraged to utilize emerging technologies such as:
 - Artificial Intelligence / Machine Learning
 - Data Analytics
 - Internet of Things (IoT)
 - Cloud Computing
 - Automation Technologies
- All solutions must adhere to ethical AI practices, data privacy, and sustainability principles.
- Each team will present their prototype to the jury panel and resource persons.
- The demonstration must clearly explain:
 - Problem Statement
 - Proposed Solution
 - Technology Used
 - Real-world Impact
- Prototypes will be evaluated based on:
 - Innovation and Creativity
 - Technical Implementation
 - Practical Applicability
 - Presentation and Demonstration
 - Impact and Scalability
- Participants must maintain discipline and professional conduct throughout the event.
- Any form of plagiarism or misconduct will lead to disqualification.



THEMES & PROBLEM STATEMENTS

Theme 1: Cyber Security & Digital Trust

- PS-CYB-01: AI-Based Phishing Detection System
- PS-CYB-02: Deepfake Detection Tool
- PS-CYB-03: Smart Authentication System
- PS-CYB-04: Privacy-Preserving Data Sharing Platform

Theme 2: Smart Mobility & Transportation

- PS-MOB-01: Driver Drowsiness Detection System
- PS-MOB-02: Smart Parking Management System
- PS-MOB-03: Public Transport Optimization System
- PS-MOB-04: Accident Detection & Emergency Response System

Theme 3: Digital Business & FinTech

- PS-FIN-01: AI-Based Fraud Detection System
- PS-FIN-02: Smart Expense Management App
- PS-FIN-03: Credit Score Prediction System
- PS-FIN-04: Blockchain-Based Secure Payment System

Theme 4: Human-Computer Interaction & UX Innovation

- PS-HCI-01: Voice-Controlled Smart Assistant
- PS-HCI-02: Gesture-Based System Control
- PS-HCI-03: AI Chatbot for Student Support
- PS-HCI-04: Emotion Recognition System

Theme 5: Bioinformatics & Health Tech Innovation

- PS-BIO-01: DNA Sequence Analysis Tool
- PS-BIO-02: Early Cancer Detection using AI
- PS-BIO-03: Wearable Health Monitoring System
- PS-BIO-04: Personalized Medicine Recommendation System

Theme 6: Digital Inclusion & Assistive Technologies

- PS-DIG-01: AI-Based Sign Language Translator
- PS-DIG-02: Smart Navigation for Visually Impaired
- PS-DIG-03: Speech-to-Text for Regional Languages
- PS-DIG-04: AI-Based Learning Tool for Disabled Students

Extra High-Impact Theme (Optional)

Theme 7: Generative AI & Future Technologies

- PS-GEN-01: AI Content Generation Tool
- PS-GEN-02: AI Code Assistant
- PS-GEN-03: Synthetic Data Generator
- PS-GEN-04: AI Video/Audio Generator

Note: Any AI-based solution addressing real-world problems is allowed.



Date: 7th April 2026.

Time : 9:00 AM - 5:00 PM

Venue : Seminar Hall - A

*(Candidates Can Register Through the Link or above QR code <https://aisprint2k26.netlify.app/>)

Merit certificates and Cash prize for winners & E-certificates for all participants will be provided

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