



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 Guest Lecture under AICTE DPS Scheme on
"Knowledge and Skills for the AI-Driven World"
Organized by Department of CSE (AI and ML)
on 10.04.2026



Report Submitted by: Mr. V. Sivaraman, Assistant Professor, Department of CSE (AI and ML)

Resource Person Details: Shri Lalit Kumar Yagnik, Chief Digital Officer, Cnetric Global, Bangalore-Singapore

Participants: CSE (AI and ML) & CSE (Networks) – 281 Students

Venue: Seminar Hall - B

Mode of Conduct: Offline

Report Received on 16.04.2026.

Department of Computer Science and Engineering (AI and ML) organized a Guest Lecture on “A Guest Lecture under AICTE DPS Scheme on Knowledge and Skills for the AI-Driven World” on 10.04.2026 (Friday).

Welcome Address:

Mr. Tharakeswara Raju B, Assistant Professor, Department of CSE (AI and ML) at Madanapalle Institute of Technology & Science (MITS), Madanapalle, delivered a warm welcome address to the Resource Person, Registrar and all attendees as the event commenced at 10:00 AM.

Keynote Address

Dr. S. Padma, Associate Professor and Head of the Department of CSE (AI & ML) at Madanapalle Institute of Technology & Science (MITS), Madanapalle, warmly welcomed the students with her keynote address. She emphasized the importance of such initiatives in shaping students’ futures and appreciated their active participation. She encouraged students to embrace innovation by adopting emerging technologies that align with current industry demands. Furthermore, she highlighted the importance of continuous learning and skill enhancement as key factors in building successful and sustainable professional careers. She expressed her sincere gratitude to AICTE for enriching the students skills through AICTE DPS scheme.

The gathering was addressed by Dr. D. Pradeep Kumar, Registrar, MITS Deemed to be University. He stressed the session's significance. The registrar urged students to engage actively in the expert session, connect with the speaker, and acquire Knowledge and Skills for the AI-Driven World. He inspired students to concentrate on resource person’s lecture to improve their AI skill sets to attain success in competitive spheres. He highlighted that the Artificial Intelligence (AI) is transforming the world by automating tasks, improving efficiency across industries and enables smarter decision-making through data analysis using Machine Learning techniques in sectors like healthcare and transportation, advanced diagnostics and autonomous systems.





Resource Person Details:

Shri Lalit Yagnik, Chief Digital Officer, Cnetric Global, Bangalore-Singapore

- Transformational technology leader with ~30 years at IBM across Australia, ASEAN, India, USA and global markets
- Led enterprise-wide digital transformation initiatives, combining deep technology expertise with measurable business impact
- Currently driving adoption of AI, data, cloud, and AR/VR to enable next-generation education, workforce ecosystems, innovation, and entrepreneurship
- Works at the intersection of industry, education, and government, building scalable models for institutional transformation and skills development
- Collaborates with universities, enterprises, startups, and policymakers to translate emerging technologies into practical, high-impact outcomes at scale
- A Distinguished Professional (recognized by AICTE, Ministry of Education); Professor of Practice (University Grants Commission portal)
- Engaged with global education providers to transform Indian education (universities, schools, and trades) with advanced digital capabilities
- Passionate about reimagining education in India to align learning, employability, and innovation in an AI-driven world

Resource Person Lecture:

Shri Lalit Kumar Yagni, Chief Digital Officer, Cnetric Global, Bangalore-Singapore, shared his insights related to Guest Lecture on **Knowledge and Skills for the AI-Driven World** for CSE (AI and ML) & CSE (Networks) students.

The Guest Lecture covered the following:

Data, AI & the Engineers

- Traditional Software/Product Lifecycle
 - Phases of SDLC
 - Limitations of rule-based systems
- AI-Powered Software Lifecycle
 - Role of data and models
 - MLOps and continuous learning
 - Comparison with traditional lifecycle
- Evolution of AI in Development
 - Traditional Development
 - Applied AI Development
 - Agentic AI Systems
- Agentic RAG Workflow
 - Concept of Retrieval-Augmented Generation
 - Workflow and components
 - Advantages in real-world applications
- Data Stack Architecture
 - Data sources and ingestion
 - Storage (Data lakes, warehouses)
 - Data processing and serving
- Business and System View
 - Data lake and data sources
 - Modularized system design
 - Context objects in AI
 - Strategic / AI-driven objects

