

Report on Expert Lecture on Building Smart Solutions: AI, Apps & Networks

Date: 02/03/2026

Time: 2 PM to 3 PM

Department: Information Technology (IT Dept)

Participants: 58

Introduction

The Information Technology Department organized Expert Lecture on Building Smart Solutions: AI, Apps & Networks on 02/03/2026. The Expert Lecture was conducted with the objective to provide students with exposure to emerging technologies and their integrated applications in real-world systems.

The session aimed to create awareness about how Artificial Intelligence (AI), modern software development practices, and networking technologies collectively contribute to building intelligent, scalable, and connected systems in today's digital era.

Objectives of the Seminar

The main objectives of the session were:

- To provide foundational and advanced knowledge of Artificial Intelligence.
- To understand the integration of AI techniques in application development.
- To explore the importance of networking infrastructure in AI-enabled systems.
- To bridge the gap between academic curriculum and industry requirements.
- To motivate students towards research, innovation, and career opportunities in emerging domains.

Key Highlights of the Session

The expert elaborated on the following key areas:

Artificial Intelligence

- Basics of Machine Learning and Deep Learning
- AI applications in healthcare, finance, education, and automation
- Ethical considerations and challenges in AI

Application Development

- Evolution from traditional apps to AI-driven applications
- Integration of AI APIs in web and mobile apps
- Real-time data processing and user personalization

Networking

- Importance of networking in cloud computing and IoT

- Role of 5G and high-speed networks in AI applications
- Secure data transmission and cybersecurity considerations

The session emphasized how AI-powered applications rely heavily on strong networking infrastructure for real-time data processing and seamless connectivity.

Conclusion

The Expert Lecture on **“Building Smart Solutions: AI, Apps & Networks”** was highly beneficial and informative. It successfully highlighted the interconnected nature of emerging technologies and their impact on the future of digital transformation.

The session provided valuable industry exposure and inspired students to upgrade their technical skills to meet evolving technological demands.

Photo:



Mapping with Programme Outcomes:

Addressed	PO-1 Engineering knowledge
Not Addressed	PO-2 Problem Analysis
Not Addressed	PO-3 Design / development of solution
Not Addressed	PO-4 Engineering Tools, Experimentation & Testing
Not Addressed	PO-5 Engineering Practices for society, Sustainability and Environment
Not Addressed	PO-6 Project Management
Addressed	PO-7 Life-long learning solution