

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2024-25, Semester- II

**Guest Lecture on
"Blockchain Unraveled: Merits, Challenges, and Real-World Impact"**

Academic Year: 2024-25

Name of the Event: Guest Lecture on "Blockchain Unraveled: Merits, Challenges, and Real-World Impact"

Date & Time of the Event: Saturday, 12th April 2025 at 10.30 am to 12.00 noon

Name of the Speaker: Mr. Rajat Gupta

Designation: C-DAC/ Scientist-D

Name of the Company / Institution with Address: ,C-DAC,Pune

Targeted Audience: BE IT

Venue: Offline PPCRC 202

Event Coordinator: Dr. Sonali Patil

Number of Participants: 90

Activity Description:

The Department of Information Technology is organized an expert session on "Blockchain Unraveled: Merits, Challenges, and Real-World Impact" on Saturday, 12th April 2025 at 10.30 am to 12.00 noon for BE IT (Both A and B Divisions) students. The duration of the event was 1.5 hours started at 10.30 AM.

The guest lecture offered a comprehensive overview of blockchain technology, beginning with its foundational concepts such as decentralized ledgers, cryptographic security, and consensus mechanisms. The speaker delved into the key merits of blockchain, including enhanced transparency, data integrity, and trustless transactions. Challenges such as high energy consumption, scalability limitations, interoperability issues, and regulatory uncertainties were also critically examined. Real-world case studies were presented, showcasing blockchain's application in finance, supply chain management, healthcare, and digital identity verification. The session concluded with a forward-looking discussion on the evolving landscape of blockchain and its potential to revolutionize traditional systems.

A total of 90 students have attended the session.

Outcomes of the Session: Following were the outcomes of this expert session:

EO1: Students were able to understand blockchain fundamentals, including its benefits, risks, and real-world applications.

EO2: Students were able to analyze security threats, legal challenges, and regulatory aspects of blockchain.

EO3: Students were able to apply blockchain concepts in industries like finance, healthcare, and supply chain management.

Event Photos:





Event Coordinator

Dr. Sonali Patil

Head of Department

Dr. Jyoti Surve