Department of Information Technology

Guest Lecture On "Blockchain Technology – Efficiency for The Future"

Target Audience: III Year Student of IT.

Venue: Lab 5

Resource Person: Dr. B. Srinivas, Associate Professor, Department of Information Technology.

Objective of Program: To impart knowledge in a decentralized/distributed and public digital ledger that is used to record transactions across many computers and record cannot be altered in block chain.

Topics Covered:

- Block chain technology and Bit coin crypto currency
- Concepts and relevance of Block chain
- Block chain network
- Introduction to Bit coin mining
- Performing transactions using Block chain
- Introduction to smart contracts
- Languages used in Block chain contracts
- Deploying transactions on the Block chain node
- Working on real-world Block chain projects

Outcomes of the Event:

- Familiarize the functional/operational aspects of crypto currency ECOSYSTEM.
- Understand emerging abstract models for Block chain Technology.
- Identify major research challenges and technical gaps existing between theory and practice in crypto currency domain.