



B.M.S COLLEGE OF ENGINEERING

Autonomous Institute, Affiliated to VTU

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(IOT & CYBERSECURITY INCLUDING BLOCKCHAIN)**

**Workshop
on**

MST Blockchain

23rd April 2026

DATE AND TIME: 23rd April 2026, 2:00 PM – 5:00 PM

VENUE: Audi 2, PJ Block, B.M.S.C.E

SPEAKER: Mr. Ashish Kumar Jain, Ms. Mrinalini K,
MST Blockchain,
Masterstroke Technosoft Pvt. Ltd.

FACULTY COORDINATOR: Prof. Krupa K S

PARTICIPANTS: 4th and 6th semester students, Faculty members.

OBJECTIVE:

The main objectives of the workshop were:

- To introduce the fundamentals of Blockchain technology, decentralized systems and distributed ledger concepts.
- To create awareness about cryptocurrencies and digital assets.
- To demonstrate the working of Blockchain transactions, mining processes and DApps.
- To explore industrial applications of Blockchain technology.
- To encourage research and innovation in Blockchain-based solutions.

OVERVIEW OF THE SESSION:

The workshop began with an overview of Blockchain technology, including its origin, evolution, and importance in the digital era. Participants learned about decentralization and the difference between traditional databases and Blockchain systems. The speaker explained how distributed ledgers function across multiple systems without relying on a central authority. The importance of consensus mechanisms was also discussed. Participants were introduced to the structure of blocks, hashing techniques, cryptographic security, and chain validation methods used in Blockchain networks. The session covered cryptocurrencies such as Bitcoin and Ethereum, including transaction validation, mining concepts, wallets, and digital signatures. Development and use of

decentralized applications built on Blockchain platforms and various real-world use cases were presented in areas such as Banking and Finance, Healthcare, Supply Chain Management, Cybersecurity etc.

The workshop also discussed Blockchain security features, scalability issues, regulatory concerns, and implementation challenges.

A practical demonstration session was conducted to help participants understand:

- Creation of Blockchain transactions
- Wallet generation
- Basic smart contract concepts
- Working of Blockchain platforms
- Transaction verification mechanisms

Interactive Quiz was conducted to actively engaged participants in the activities and goodies were given as a token of appreciation and encouragement.

OUTCOMES:

At the end of the workshop, participants were able to:

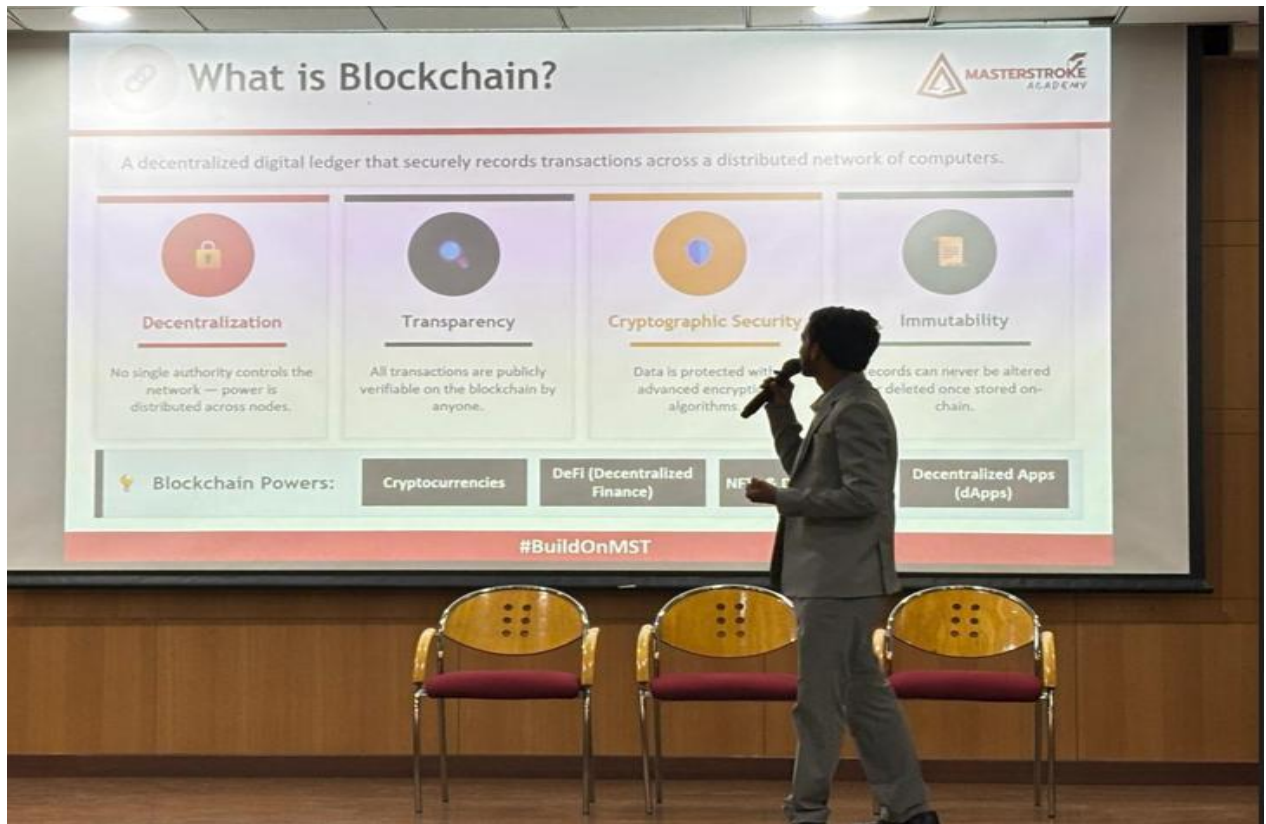
- Understand the core concepts of Blockchain technology.
- Identify the advantages of decentralized systems.
- Explain the role of Blockchain in ensuring transparency and security.
- Recognize industrial applications of Blockchain technology.
- Gain awareness about smart contracts and cryptocurrencies.
- Develop interest in research and career opportunities related to Blockchain.

PARTICIPANT INTERACTION AND FEEDBACK:

The workshop included interactive discussions, question-and-answer sessions, and practical demonstrations. Participants actively interacted with the resource persons and clarified their doubts regarding Blockchain implementation and future opportunities. Feedback from participants was highly positive. They appreciated the practical examples, industry-oriented explanations, and hands-on exposure provided during the workshop.

PHOTOS:





MST Blockchain on Instagram:
"Today at BMS College of...
[www.instagram.com](https://www.instagram.com/p/DXelSUPft4e/?img_index=1&igsh=MTUza2QyOHllZGRwCA==)

Today at **BMS College of Engineering, Bangalore** – CampusVerse in action! 🎓

Students exploring blockchain, asking questions, and stepping into the world of Web3. 🌐

This is how India builds the future – one campus at a time. 💡

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