

Report on Blockchain Session 1

Organizer: CSI Terna

Topic: Blockchain Seminar – Session 1

SpeakerS: Mr. Zeel Darji, Mr. Vishal Saroj and Mr. Jay Shitre from Montoq Labs

Date: 18th August 2025

Venue: Room 423, Terna Engineering College

Objective:

The primary objective of the session was to introduce participants to blockchain technology, its real-world applications, and future scope. The seminar aimed to enhance students' understanding of decentralized systems, smart contracts, and the role of blockchain in reshaping industries beyond cryptocurrencies.



Orientation of the Session

Workshop Highlights:

The session began with an introduction to blockchain fundamentals, including distributed ledgers, peer-to-peer networks, and consensus mechanisms like Proof of Work and Proof of Stake.

- Mr. Zeel Darji emphasized how blockchain differs from traditional centralized systems, highlighting its transparency, immutability, and decentralized control.
- Practical examples were shared, such as blockchain's use in supply chain tracking, secure digital identities, and financial transactions, which helped students connect theory with real-world applications.
- The importance of smart contracts was explained with simple case studies, showing how they automate agreements without the need for intermediaries.
- Participants were exposed to the broader ecosystem of Web3, including decentralized finance (DeFi), non-fungible tokens (NFTs), and decentralized autonomous organizations (DAOs).
- A live demonstration illustrated how a simple blockchain transaction is verified and recorded, making the concept more tangible for students.
- The session encouraged interaction, with students asking questions about blockchain's role in industries like healthcare, banking, and cybersecurity.
- Career guidance was also provided, with insights on the skills required for blockchain developers, resources for learning smart contract programming, and the demand for blockchain expertise in the job market.

**Practical Teaching of the Subject**

Outcome:

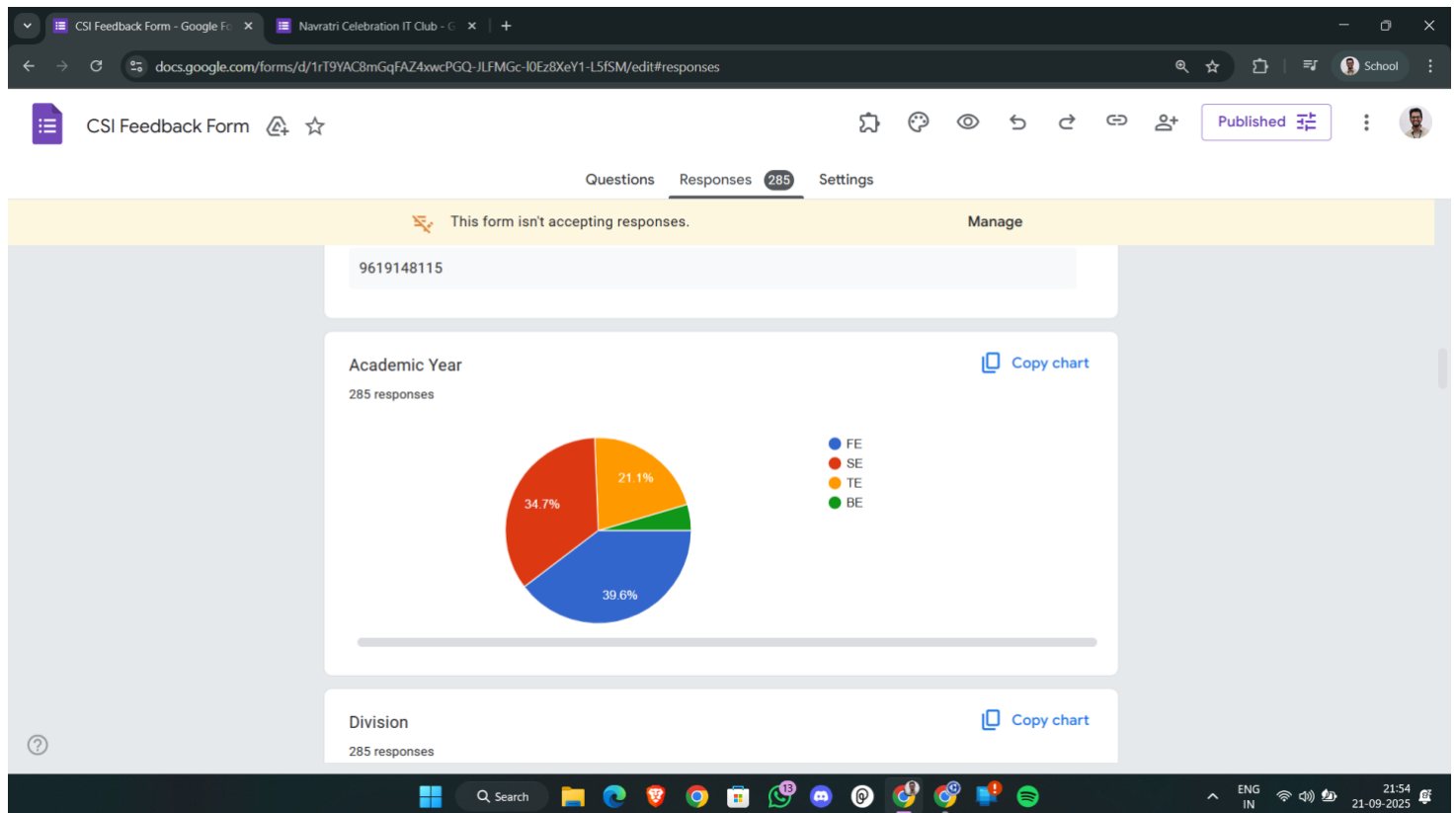
The seminar was organized with the purpose of equipping students with a clear understanding of blockchain technology and its role in the digital world. The intent was not limited to introducing theoretical aspects, but also to show how blockchain is practically applied across industries. The session focused on building familiarity with concepts such as decentralization, distributed ledgers, and cryptographic security, while also drawing attention to the larger ecosystem of Web3.

**Blockchain Session - 1**

By inviting an industry expert, the event aimed to bridge the gap between academic knowledge and industry practices, enabling students to see how blockchain solves real-world challenges in areas like finance and supply chain management.

Conclusion:

The blockchain seminar, conducted by CSI Terna with Mr. Zeel Darji from Montoq Labs, was highly informative and engaging. It not only broadened students' technical horizons but also encouraged them to pursue deeper exploration into blockchain and its emerging role in shaping the digital future. The event marked a strong beginning to the seminar series, setting the stage for advanced sessions ahead.



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