



Department of
Student Affairs



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BLOCKCHAIN CLUB

Report

On

Solidity Session on Smart contracts

Conducted on

24-11-2023

Organized by

Department of Student Affairs

Association with

BLOCKCHAIN CLUB

Submitted by

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HoD



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Objective :

The objective of the Solidity session was to introduce participants to the fundamentals of programming smart contracts using the Solidity language within the Ethereum blockchain ecosystem.

Participants were expected to gain a basic understanding of Solidity syntax, data types, control structures, and functions, as well as concepts such as inheritance and modifiers.

Additionally, the session aimed to familiarize participants with common pitfalls and best practices in Solidity development to ensure **secure and efficient** smart contract deployment.

Outcome :

Participants gained a **foundational understanding of Solidity**, including the ability to write simple smart contracts and **deploy them on the Ethereum test network**.

They learned how to **interact with smart contracts through transactions** and how to read and interpret contract state changes on the blockchain.

By the end of the session, participants were able to **develop basic smart contracts** for tasks such as token creation, voting systems, and **simple decentralized applications (dApps)**.

Venue :

KGR CET / LAB S-319 & S-320

Date :



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NOVEMBER 24 2023



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Summary

The Solidity session began with an overview of blockchain technology and the role of smart contracts in decentralized applications.

- Participants were guided through hands-on exercises and coding examples to reinforce their understanding of Solidity syntax and concepts.

- Discussions centered around real-world use cases and examples of Solidity contracts, allowing participants to see how the language is applied in practical scenarios.

- Despite some initial challenges in grasping certain advanced concepts, participants demonstrated enthusiasm and engagement throughout the session.



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