



Government of Gujarat

Gujarat Technological University

(Accredited with A+ grade by NAAC)

Centre of Excellence in Blockchain Technology

(A Government of Gujarat Funded Project)

LECTURE SERIES IN THE DOMAIN OF BLOCKCHAIN TECHNOLOGY

A Report on Lecture 3

Blockchain Technology from It's Genesis

(Date: 17th June, 2023)

The session was organized by GTU-Graduate School of Engineering and Technology under CoE in Blockchain Technology.

The resource person for this session was **Dr. Kaushal Shah** who is Assistant Professor at Dept. of Comp. Science and Engg, Pandit Deendayal Energy University (PDEU).

Learning Objectives

- To provide understanding of blockchain components.
- To provide practical insights of creation of blockchain.
- To explore the applications of blockchain technology.

Participants

Around 26 participants including PG students, research scholars, faculty members from different institutes across the state had participated and took advantage of this session.

Content covered

1.	Genesis of blockchain
2.	Length and breadth of blockchain
3.	Steps of creating blockchain
4.	Application of blockchain
5.	Demonstration of blockchain creation

Blockchain Technology from its Genesis

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17-06-2023

Block No.	Nonce	TXN Data	Hash	Prev. Hash	Difficulty
1	1075	Enter transaction data	000a6db31b2543430417b9e2e979a05874e8d1197a5ef7c20a0d160082042wd	00000000000000000000000000000000	3 Leading zeros
2	7967	Enter transaction data	000cd23b18cdd423bd23d99f81e286cd6f9e3cbdd3877744172b4e7a558	000a6db31b2543430417b9e2e979a05874e8d1197a5ef7c20a0d160082042wd	3 Leading zeros
3	596	Enter transaction data	000cd23b18cdd423bd23d99f81e286cd6f9e3cbdd3877744172b4e7a558	000cd23b18cdd423bd23d99f81e286cd6f9e3cbdd3877744172b4e7a558	3 Leading zeros
4	7835	Enter transaction data	000e968ea76d91a5882f240e8939e8e33c40820270c76710e8fa04398288	000cd23b18cdd423bd23d99f81e286cd6f9e3cbdd3877744172b4e7a558	3 Leading zeros

Coordinated and Planned by Executive Committee Members

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