





## **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 1

# Recent Trends in Blockchain Technology: Implementation Perspective

(Date: 15th April, 2023)

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

The resource person for this session was **Prof.** (**Dr.**) **Sudeep Tanwar** who is Professor at Nirma University, Ahmedabad.

### **Learning Objectives**

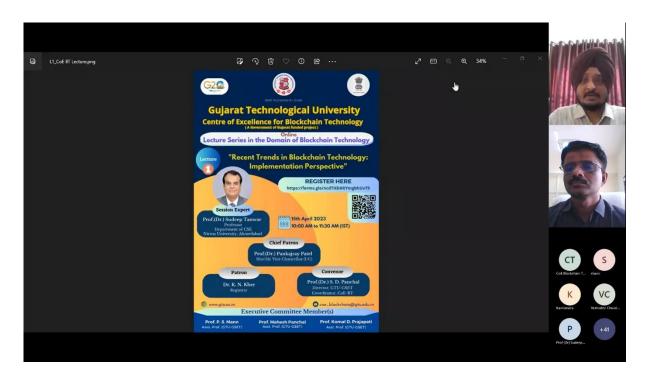
- To make the participants aware about nuts and bolts of blockchain technology.
- To provide insights of taxonomy of consensus protocols for permissioned blockchains.
- To cover the tools and techniques to develop a new consensus protocol.
- To provide the detailed guidelines of how to frame out a case study using blockchain technology.

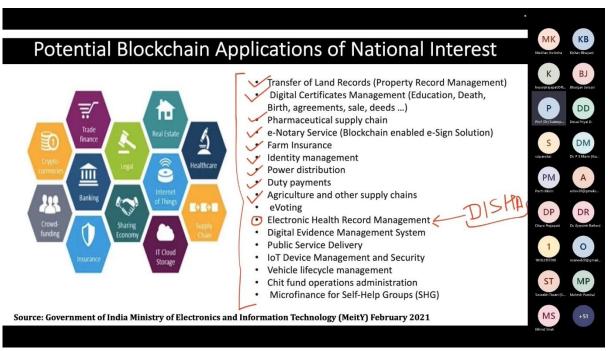
### **Participants**

Around 70 participants including PG students, research scholars, faculty members from different institutes across the state were joined and took advantage of this session.

### **Content covered**

1.	Decentralization and requirement of blockchain technology
2.	Types of blockchain
3.	Demonstration of creating a blockchain
4.	Creating a blockchain in Java
5.	Appropriate problems to be solved by blockchain
6.	Potential blockchain applications of national interest
7.	Research challenges and issues





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