

Date : 20 /03/2023

## DEPARTMENT OF COMPUTER ENGIEERING

# **Activity Report**

TITLE : One Week Online Faculty Development Program On "Block Chain Technology

DATE: 13th to 17th March 2023

Mode: Online

**PARTICIPANTS :** 

- Teaching faculty members from AICTE approved institutes from all disciplines
- Research Scholars
- Industry Personnel

## **EXPERT NAME :**

- Mr. Amey Tambe Director, Softtech Data Securities, My3dworld FDM
- Dr.Sagar Rane , Associate Professor , Army Institute of Technology , Pune

The department of Computer Engg. has organized one week FDP on "**Blockchain Technology**" from 13/03/2023 to 17/03/2023 in online mode. This workshop was intended to disseminate the knowledge of block chain technology among students, researchers and academicians and to discuss the current status of the block chain development and research work in India and across the world for Teaching faculty members from AICTE approved institutes from all disciplines , Research Scholars and Industry Personnel

The Contents of FDPs are

- Getting Started with Block chain Technology
- Block chain fundamental
- Blockchain Intuition Hands-On
- Mathematical Foundation for Blockchain
- Hash Function
- Digital Signature



Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development." Mission:- "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."



- Merkle Trees
- Layers of Blockchain
- Consensus Algorithms
- Blockchain Platforms
- Cryptocurrency
- Crypto Wallets
- Smart Contracts
- Solidity
- Truffle
- Ghanache
- Blockchain Applications and Case Studies

#### Contents Covered Day wise

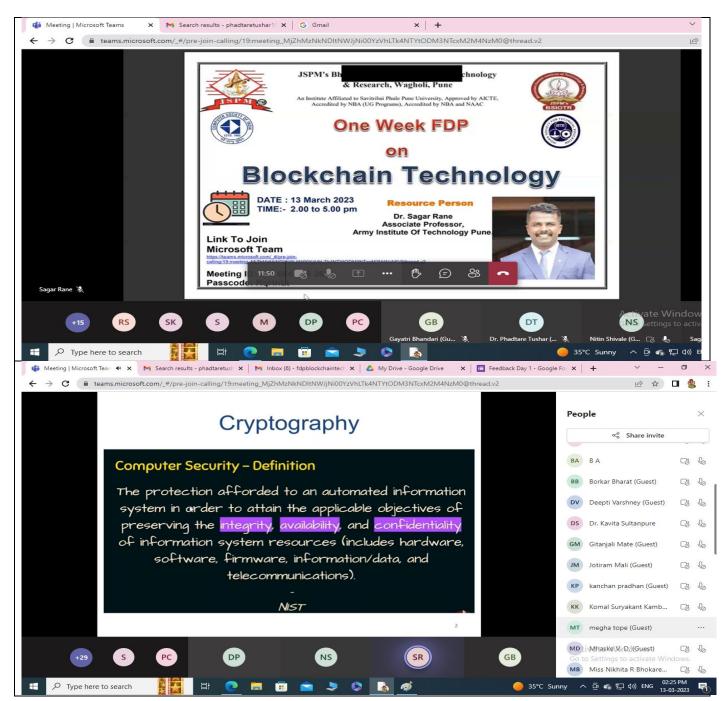
| Day | Date      | Topics to be covered                                       | Expert name    |
|-----|-----------|--|----------------|
| 1   | 13/3/2023 | Mathematical Foundation for Blockchain, Hash Function      | Dr.Sagar Rane  |
| 2   | 14/3/2023 | Digital Signature, Merkle Trees, Layers of Blockchain      | Dr.Sagar Rane  |
| 3   | 15/3/2023 | Consensus Algorithms, Blockchain Platforms, Cryptocurrency | Dr.Sagar Rane  |
| 4   | 16/3/2023 | CryptoWallets, Smart Contracts, Solidity, Truffle          | Mr. Amey Tambe |
| 5   | 17/3/2023 | Ghanache, Blockchain Applications, and Case Studies.       | Mr. Amey Tambe |



Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development." Mission:- "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."

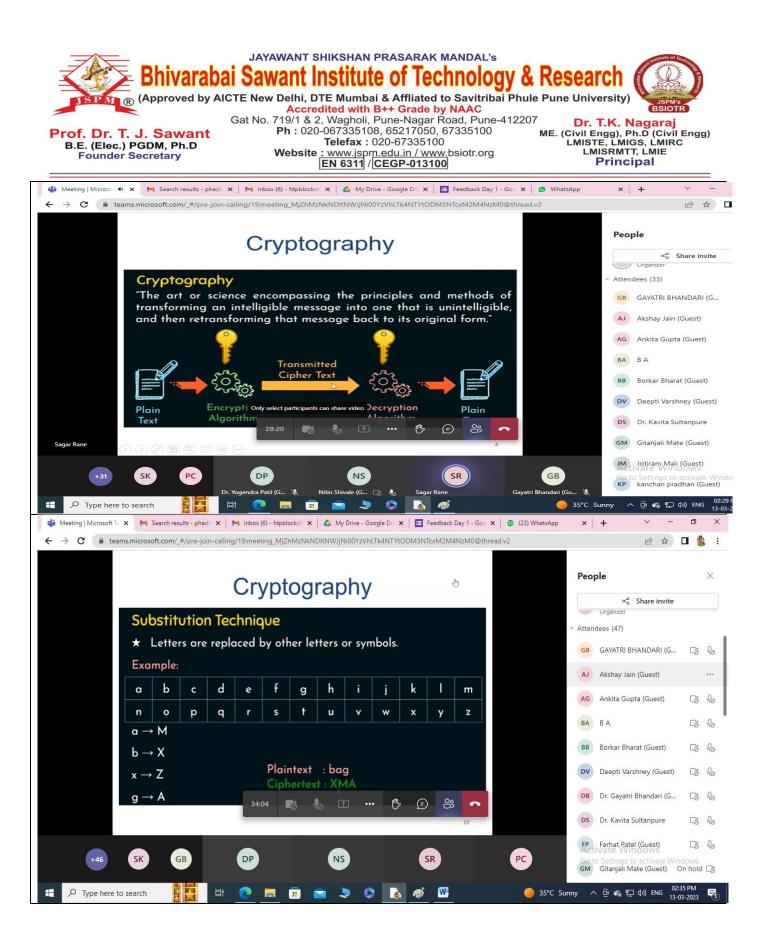


## Workshop Glimpses



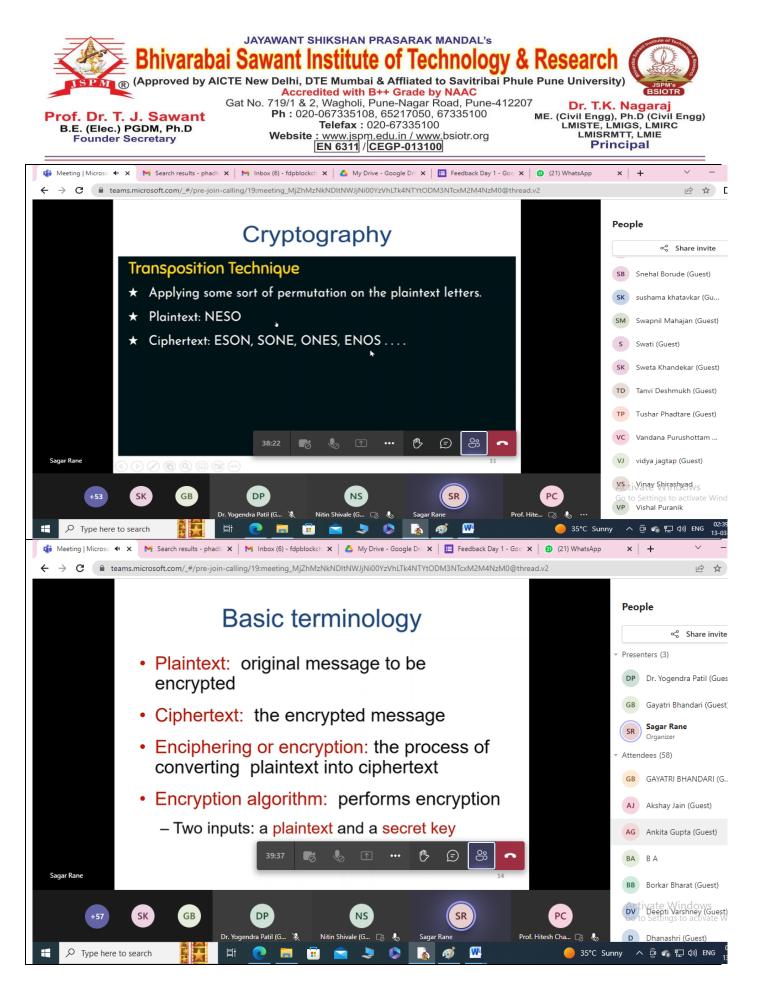


Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development."
Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."



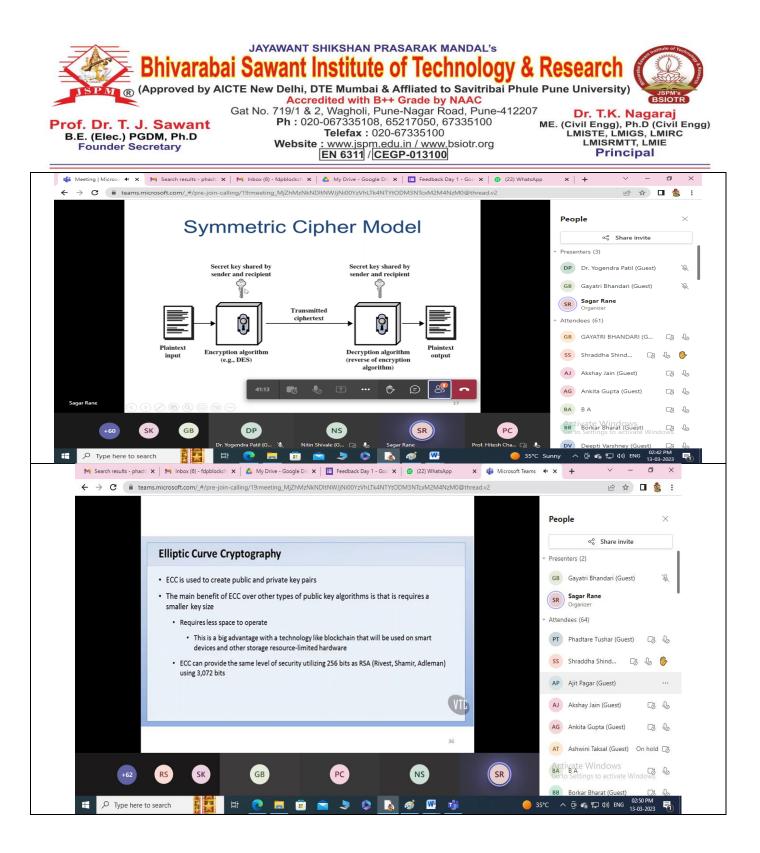


Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development."
Mission:- "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."





Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development."
Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."



FDP coordinator Dr. Y.V. Patil

#### H.O.D. Dr. G.M.Bhandari

### Principal Dr. T.K.Nagaraj



Vision: - "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development."
Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral standards."