



SNDT Women's University, Mumbai

Usha Mittal Institute of Technology



A Report

on

Blockchain Technology

Date: 22 March, 2024

Venue : Fifth floor conference Hall

Total no of Participants: 70

Usha Mittal of Technology, SNDTWU has organised a series of talks on “**Blockchain Technology**” by the various eminent speakers.

Session 1:

Speaker name: Dr. Irfan Sidhavatam

Designation : Professor and Director, Somaiya School of Design, Mumbai

Topic Covered : Blockchain Security

Sir has started a session with the BITCOIN explanation, DLT technology in which sir told that algorithms are open but keys to perform an algorithm are hidden. Then he continued the topic with confidentiality in that he talked about public and private keys and the proof of works. He also explained the concept like ethereum and distributed applications which are used to convert bitcoin to real money or ether and vice versa. He explained about the hot and cold wallets which are used to store keys as if it is lost or stolen, it can not be restored. The session ended with the Q&A session and some real life examples of attacks and securities.



Session 2:

Speaker name: Mr. Amey Tambe

Designation : Director of SoftTech Data Securities , Techno Sam , Quadrant InfoTech, TechnoSam 3D FDM

Topic Covered : Blockchain and creation of DAPP

Sir has started a session with some real life examples of clouds and blockchain clouds present in cloud services.he also explained some base of blockchain cloud like distributed computing to explain this points in more details he explained about blocks,chain of blocks derived from financial backgrounds.Sir explained the concepts of smart contracts ,event and transactions with some practical implementations.he talked about types of blockchains,DAPPS ,Etherscan transactions and etc.all the topics he also explain with some real life applications or websites like Etherscan.io,crackstation.io,mymonero.com,XMR stak etc.session ended with a practical knowledge about blockchain and Q&A session.



Session 3:

Speaker name: Mr. Chetan Agrawal

Designation : Assistant Professor , Department of Information Technology, Thadomal Shahani Engineering College,Mumbai

Topic Covered : Crypto currencies and tokens

Sir has started a session with the explanation on Blockchain,Computer Network ,Encryption and Database in Blockchain.sir has talk about digital currency ,crypto currency wallets and types of crypto currencies like Coins,Bitcoin,Altcoin and Tokens.sir has talked about fungible tokens and non fungible tokens also digital currencies, cryptography algorithms and its examples.session ended with Q&A session.



