



CENTRE FOR ADVANCED STUDIES

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY



3-Days Offline Workshop

on

Introduction to Blockchain Technologies

Highlights



Scheduled **13th – 15th June 2022**

Timings **10 am – 5 pm**

Free Registration

Limited seats for B.Tech. students of affiliated colleges of AKTU in 3rd and 4th Year CSE / IT / ECE
Prerequisites: None

Registration Link:

<https://cas.res.in/workshopreg.html>



Contents

- Blockchain Introduction:** What is blockchain, Distributed Ledger Technologies, History, Blockchain Structure, Operational aspects of bitcoin, blocks discussion, Why Blockchain & related features in various domains
- Major Blockchain Networks and Dapps:** Ethereum Blockchain and its ecosystem, Blockchain Trilemma and development of blockchain ecosystem, Consensus Protocols, Solana and other chains, Layer Protocols, Polygon, DApps
- Cryptocurrencies:** Tokenomics Aspect: Coins and Tokens, Stable Coins, Centralized and Decentralized Exchanges, Types of Wallet and their security, Evaluating Projects, Fundamental and Technical Analysis
- Decentralized Finance (De-Fi):** The future of Finance: Defi Infrastructure, Problem Defi solves, Supply, Ownership, Loans, Swaps, Minting and burning of tokens, Leading protocols Maker DAO, Compound, Aave, Anchor etc.
- NFTs, Metaverse and other developments in Web 3.0:** NFT Discussion, Minting and creation of NFTs, Token Standards, Metaverse Platforms, Discussion on Web 3.0

Coordinators: Dr. Vrinda Yadav & Mr. Divyanshu Chauhan

Centre for Advanced Studies, Dr. A.P.J. Abdul Kalam Technical University
Jankipuram Vistar, Lucknow, Uttar Pradesh 226031