



E & ICT
ACADEMY
PDPM IIITDM
JABALPUR

Online Faculty Development Programme on Blockchain Technology and Applications 3-8 August , 2020

About the course

This course is designed to provide an exposure to the fundamental concepts of blockchain technologies and their applications. Participants will be provided hands-on experience to program smart contracts and deploy decentralized applications on blockchains.

Course Contents

- Introduction to Blockchain Technology, Bitcoin blockchain.
- Basic consensus mechanism, Proof of work and Decentralized Applications(DAPP).
- Ethereum blockchain, Smart Contracts, writing a smart contract in Solidity language.
- Implementation of DAPP using Truffle suite, Ganache and Metamask.
- Blockchain security and cryptography.
- Permissionless and Permissioned blockchains.
- hyperledger fabric, chaincode design and implementation using NodeJS and JavaScript.
- Use cases in public, finance, healthcare and governance.

Key Features

- Live / Online lecture sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab and training sessions.
- Follow up sessions and discussion forums on research problems and internships.

Course Fee Details

Academic (student/faculty): 1500
INR (1000/- for early bird
registrations)

Industry People : 6000 INR
Online payment details

Bank Name: Indian Bank
A/C No. : 50302042708
IFSC Code: ALLA0212433
Branch Name: Mehgawan, IIITDM
Branch

For more details visit: <http://ict.iiitdmj.ac.in/>

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