

Course Contents

- Introduction to Blockchain
- Blockchain platforms
- Permissioned / Permission-less Blockchains
- Security Analysis of Blockchain
- Basics of Cryptography
- Number Theory
- Smart Contracts
- Blockchain for IoT
- Types of Blockchains
- Emerging Opportunities in Blockchain
- Research Trends

Scope of the Online FDP Programme

Blockchain is a leading software platform for digital assets. It is a data structure used to create a decentralized ledger and is composed of blocks in a serialized manner. A block contains a set of transactions, a hash of the previous block, timestamp, block reward, block number, and so on. Every block contains a hash of the previous block, thus creating a chain of blocks linked with each other. Every node in the network holds a copy of the Blockchain. There are different consensus protocols based on Proof-of-work, proof-of-stake, etc. This technology is implemented in various real-time applications. Cryptocurrencies, in particular the First and well-known Bitcoin and others such as Ethereum, are canonical examples of the blockchain paradigm. Few other real-time applications include digital identity, smart contracts, digital voting, and IoT applications. Hands-on sessions will explore the depth knowledge in Blockchain and its Applications

Eligibility

Faculty, Research Scholars, PG Scholars and Interested Staff members from NIT Nagland.

Registration

Only online Registration for the Course.
No Registration Fee.
Number of Participants is limited to 50.

Registration Link

<https://forms.gle/ytzfoxrAnfbvnAjq8>

Certification

The Certificates shall be issued by AICTE Training and Learning (ATAL) academy to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP.

Important Dates

Last date (Online Registration): 17-06-2020
Selection list by E-mail: 18-06-2020
Duration: 22-06-2020 to 26-06-2020

Organizing Committee

Department of CSE, NIT Nagaland.

Contact us

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AICTE Training and Learning (ATAL) Academy



Online Five Days Faculty Development Programme (FDP) On

Blockchain and its Applications

22nd - 26th June 2020

Patron
Dr. S. Venugopal
Director, NIT Nagaland

Convener
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Computer Science and Engineering

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Organized by

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