

Blockchain Essentials



About NIELIT

NIELIT is an autonomous Scientific Society under the administrative control of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT Chandigarh was established in 1978 to provide professional services in the areas of Information, Electronics & Communication Technology (IECT). NIELIT Chandigarh is engaged in development of industry oriented quality education and training programmes in the state-of-the-art areas.

About Course

This course covers the basics and essentials of blockchain technology. The course gives a complete understanding of its concept of decentralization and immutability and how it is applicable to various domains.

Course Objective

The learner will learn the key elements and essentials of Blockchain Technology and its implementation.

Brief Contents

- ❖ Blockchain – fundamentals, evolution-history, uses, application areas
- ❖ Concept of Public-Private key, Digital Signature and Hashing
- ❖ Blockchain components, Blocks, transactions, DLT, mining, proof of work, consensus, mining
- ❖ Public vs Private Blockchain
- ❖ Introduction to Ethereum, Smart Contract, wallet
- ❖ Introduction to Solidity
- ❖ Introduction to Decentralized Applications – DApps
- ❖ Use Cases of blockchain

Eligibility

Open to all

Duration

One Week

Fee

Rs. 600 + 18% GST

For further details, Contact:

Facility at Chandigarh

IETE Building, Sector 30-B, Chandigarh 160030
Phone: 0172-2650121,

Permanent Campus

Bada Phull, Birla Farms, Ropar-140001
Phone: 01881-257005,257006

Email: training.chd@nielit.gov.in

Visit: www.nielit.gov.in/chandigarh