



**KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)**

Deemed to be University U/S 3 of the UGC Act, 1956



# Executive Development Program on Blockchain Technology

## OVERVIEW:

A blockchain is a decentralised database that is shared among computer network nodes. A blockchain acts as a database, storing information in a digital format. Blockchains are well known for their critical role in keeping a secure and decentralised record of transactions in cryptocurrency systems like Bitcoin. The blockchain's novelty is that it ensures the fidelity and security of a data record while also generating trust without the requirement for a trusted third party. This development programme illustrates the concept of blockchain and its applications.

**COURSE OUTLINE:** This program covers the following topics module-wise:

- **Module 1:** Blockchain Fundamentals : This module discusses the basic of blockchain, its applications in different fields
- **Module 2:** Blockchain and Core Applications : This module discusses the important features and characteristics of blockchain and its core applications
- **Module 3:** Cryptocurrencies and the Crypto Network : This module focuses on cryptocurrencies and crypto networks
- **Module 4:** Strategic Applications of Block chain Technology in Existing Businesses: This module discusses the strategic applications of block chain technology in the existing business
- **Module 5:** Entrepreneurial Ventures using Blockchain : The module discusses the entrepreneurial venture's methodology using blockchain
- **Module 6:** Regulatory and Policy Considerations of Block chain Technology : This module discusses the regulatory and policy considerations of blockchain technology.
- **Module 7:** Privacy and Risks in using Block chain Technology : This module showcases the privacy and risks factors associated with the Blockchain technology
- **Module 8:** The Business Applications and Block chain : This module discusses the business applications and blockchain
- **Module 9:** New Generation Technology and shift of Block chain : The module focuses on the new generation technology and shift of blockchain
- **Module 10 :** Capstone Project : This module discusses few capstone projects on blockchain with practical examples

**DURATION:** 6 Months

**FEES:** 60000 INR

**COURSE START DATE FOR UPCOMING BATCH:** 4<sup>th</sup> June, 2022

**ELIGIBILITY:** Graduate students, Final year students, working profession in engineering fields, management fields etc.

**OPPORTUNITIES:** After completing this programme, the students or working profession can acquire the knowledge on the concept of blockchain technology and its applications in different fields.

**SELECTION PROCESS:** Screening and Selection will be done by KIIT selection committee

**MODE OF TEACHING:** online mode

**CONDUCTING SCHOOL:** School of management and School of Computer Engineering

**SYSTEM REQUIREMENTS:** The candidate should have the following system facilities to access the online course:

- ✓ Speakers and microphone: built-in or a USB plug-in or wireless Bluetooth
- ✓ Webcam: built-in or USB plug-in

- ✓ Processor: with Dual Core 2Ghz or higher (i3/ i5/ i7 or AMD equivalent)
- ✓ RAM: 4 GB or higher
- ✓ OS: Either MacOS 10.7 or higher OR Windows 8 or higher
- ✓ An internet connection: Minimum bandwidth of 3.0 Mbps (up/ down)
- ✓ Browser: IE 11+, Edge 12+, Firefox 27+, Chrome 30+
- ✓ Zoom software client installed on your PC/ Laptop/ Ma

**EMAIL FOR QUERIES:** [ldc.kiit@kiit.ac.in](mailto:ldc.kiit@kiit.ac.in)

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Certificate will be provided after completion of the program