



Department of Computer Science Engineering and Information Technology
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
One-Week Online Faculty Development Programme on
Blockchain Technology and Its Applications (BTA'22)
25th July – 30th July, 2022

ABOUT US

Jaypee Institute of Information Technology (JIIT), Noida was established in the year 2001 and has been declared as a “Deemed to be University” under Section 3 of UGC Act 1956. The university is accredited by the National Assessment and Accreditation Council (NAAC) of the UGC, recognized by the All India Council of Technical Education (AICTE) and listed in NIRF (MHRD) engineering category ranking 2016-2021. JIIT’s state-of-the-art & environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well-equipped modern laboratories and an intellectually stocked Learning Resource Centre provide a pleasant and stimulating ambience. For more info visit: <http://www.jiit.ac.in>

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING / IT

The Department of Computer Science & Engineering and Information Technology is a center of excellence that provides high quality education to develop future leaders in all aspects of computing including education and entrepreneurship, contributes practically relevant and cutting edge research, and catalyzes IT entrepreneurship. It offers 3 undergraduate and 5 post graduate engineering programmes. Currently under graduate, post graduate, and doctorate students are actively engaged in frontier research domains of IT.

AIM OF THE EVENT

Blockchain is evolving as an innovative distributed ledger technology to establish secure communication and initiate transactions between untrusted users. It was first evolved as a backbone technology in cryptocurrency called Bitcoin in the year 2009. The flexibility in decentralized transaction sharing, cryptographic tamper proof data creation and its verification, received significant attention in developing secured enterprise applications with Blockchain. Further, several Blockchain frameworks have been developed by vendors for immediate use. This FDP focuses on to provide the basics, the state of the art developments in Blockchain Technology and emerging techniques in its application development.

PROGRAMME HIGHLIGHTS

Following areas would be focused in the FDP

- *Introduction to Blockchain*
- *Categories of Blockchain*
- *Understanding Blockchain Architecture*
- *Building blocks of Blockchain – Consensus algorithms and Cryptography concepts*
- *How to choose Blockchain for Projects*
- *Blockchain for Cryptocurrency*
- *Ethereum Blockchain and Smart contracts*
- *IBM Hyperledger Blockchain Framework*
- *Other Blockchain Frameworks*
- *Applications in Blockchain*
- *Research trends in Blockchain*
- *Future of Blockchain*

RESOURCE PERSONS

Eminent Experts from renowned institutes, universities and industry will deliver the sessions with practical demonstrations.

WHO CAN PARTICIPATE

The program is open for Faculty /Industrial Professionals/ Research scholars/ UG/ PG Students of Engineering in the INDIA.

HOW TO APPLY?

To register for this FDP, the applicant is required to fill in registration information online at before registration deadlines.

<https://forms.gle/zVrpGpIP13d2TZg8>

Last date of submission of application form: **15th July 2022**

Display list of selected participants: **20th July 2022**

FEE DETAILS

No Registration FEE

MODE OF CONDUCTION OF FDP

Online (Virtual Mode)

PARTICIPATION CERTIFICATE

E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scoring 60% marks in the quiz.

EVENT CO-ORDINATORS

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