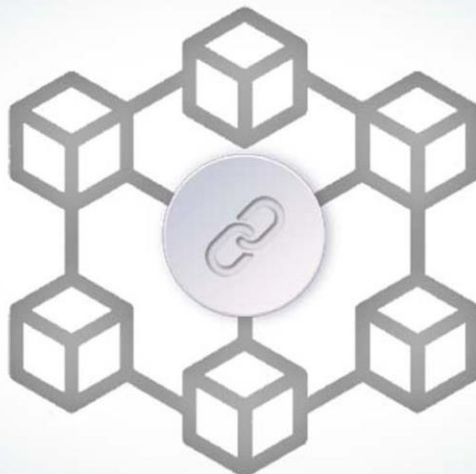


Professional Certificate in Blockchain

University Program

Course Outline





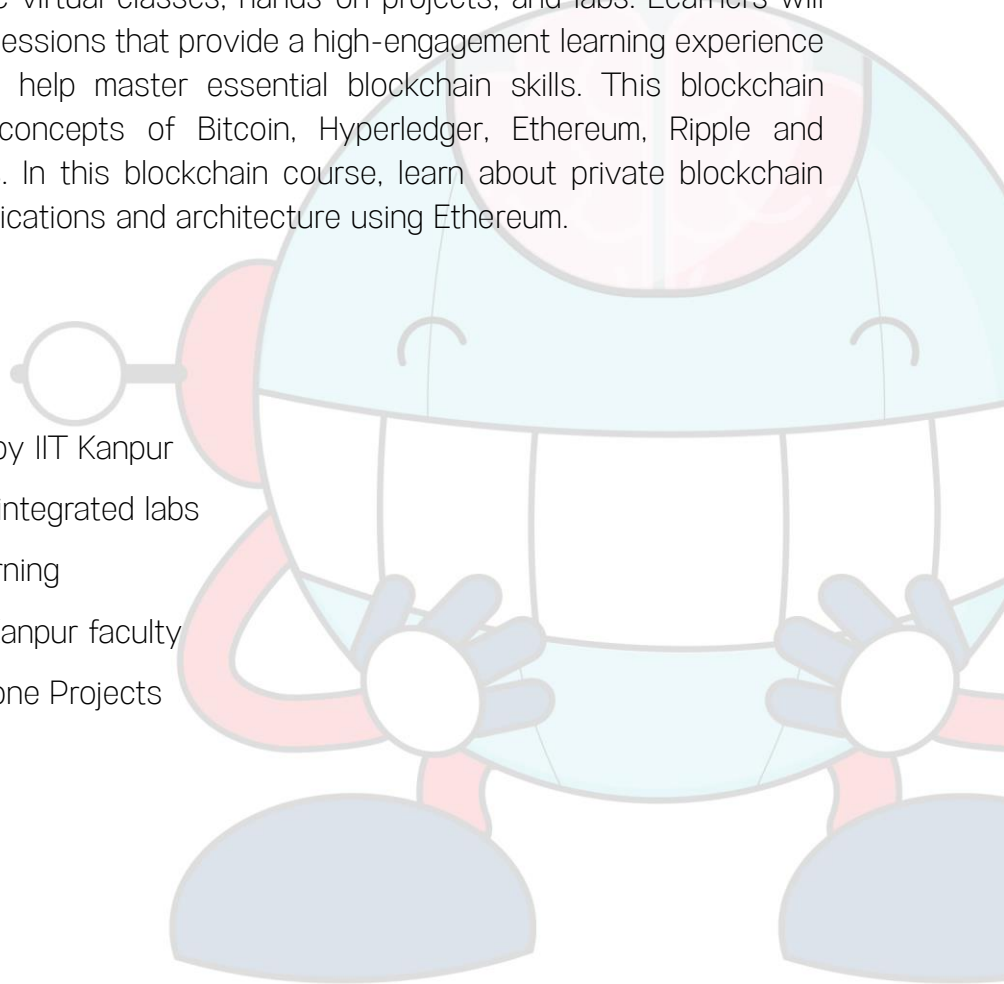
Course Overview:

Fast-track your career in the emerging blockchain area with this acclaimed Blockchain Certification Program, in partnership with IIT Kanpur. This program features the perfect mix of theory, case studies, and extensive hands-on practicum. Learners will receive a comprehensive blockchain education while leveraging IIT Kanpur's academic excellence and expertise in this growing field.

This Blockchain Certification Program is designed for both graduates and experienced professionals in multiple industries. A comprehensive blockchain education through a blend of online self-paced videos, live virtual classes, hands-on projects, and labs. Learners will also get access to mentorship sessions that provide a high-engagement learning experience and real-world applications to help master essential blockchain skills. This blockchain certification program covers concepts of Bitcoin, Hyperledger, Ethereum, Ripple and Multichain blockchain platforms. In this blockchain course, learn about private blockchain networks, smart contracts, applications and architecture using Ethereum.

Key Features:

- Blockchain Certification by IIT Kanpur
- 4+ hands-on projects in integrated labs
- 70+ hours of applied learning
- Masterclasses from IIT Kanpur faculty
- Industry Oriented Capstone Projects





About Professional Blockchain Certification Program by IIT Kanpur

IIT Kanpur is among the most prestigious and oldest educational institutes in India that offers various undergraduate, postgraduate, and integrated research programs in the field of engineering, science, management and design.

This Blockchain certification program covers concepts of Bitcoin, Hyperledger, Ethereum, and Multichain blockchain platforms. In this blockchain course, learn about private blockchain networks, smart contracts, applications and architecture using Ethereum. . Upon completion of this professional Blockchain Certification program, you will have a functional understanding of the latest relevant skills on blockchain.

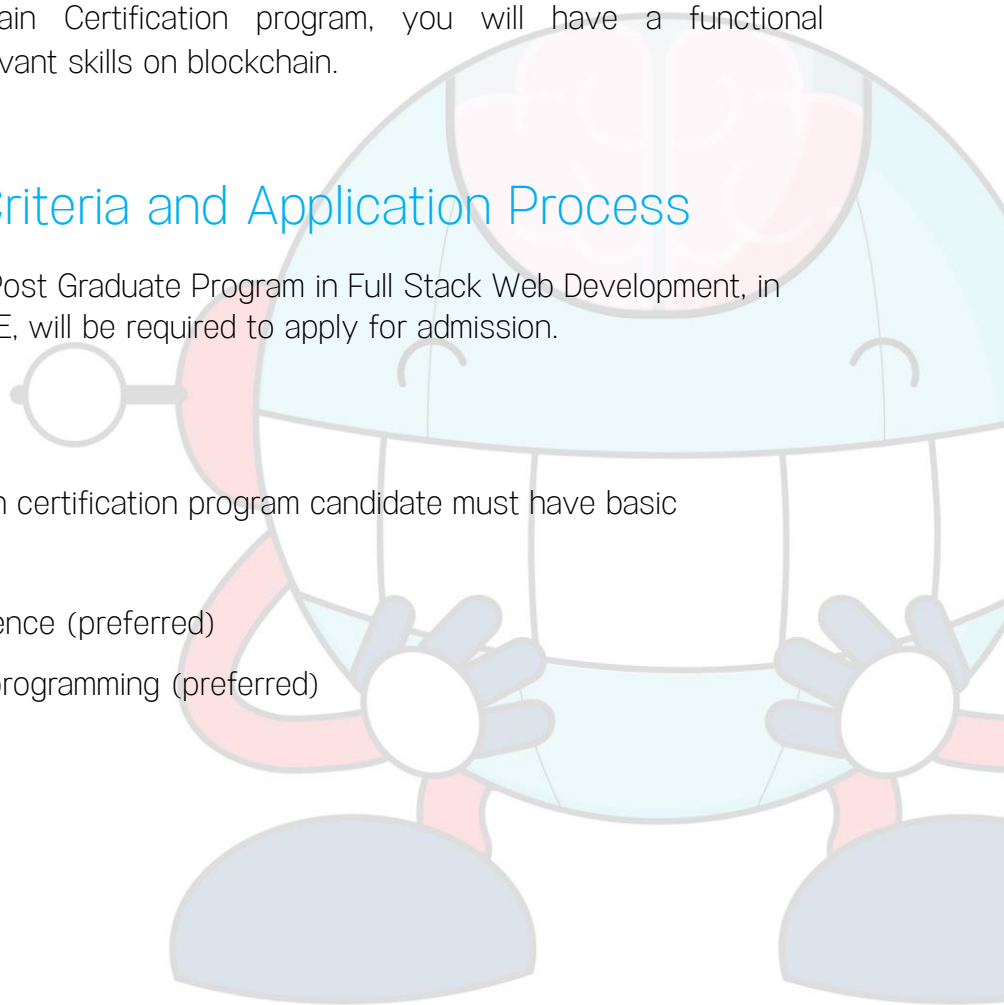
Program Eligibility Criteria and Application Process

Those wishing to enroll in the Post Graduate Program in Full Stack Web Development, in collaboration with Caltech CTME, will be required to apply for admission.

Eligibility Criteria

For admission to this Blockchain certification program candidate must have basic mathematical skills:

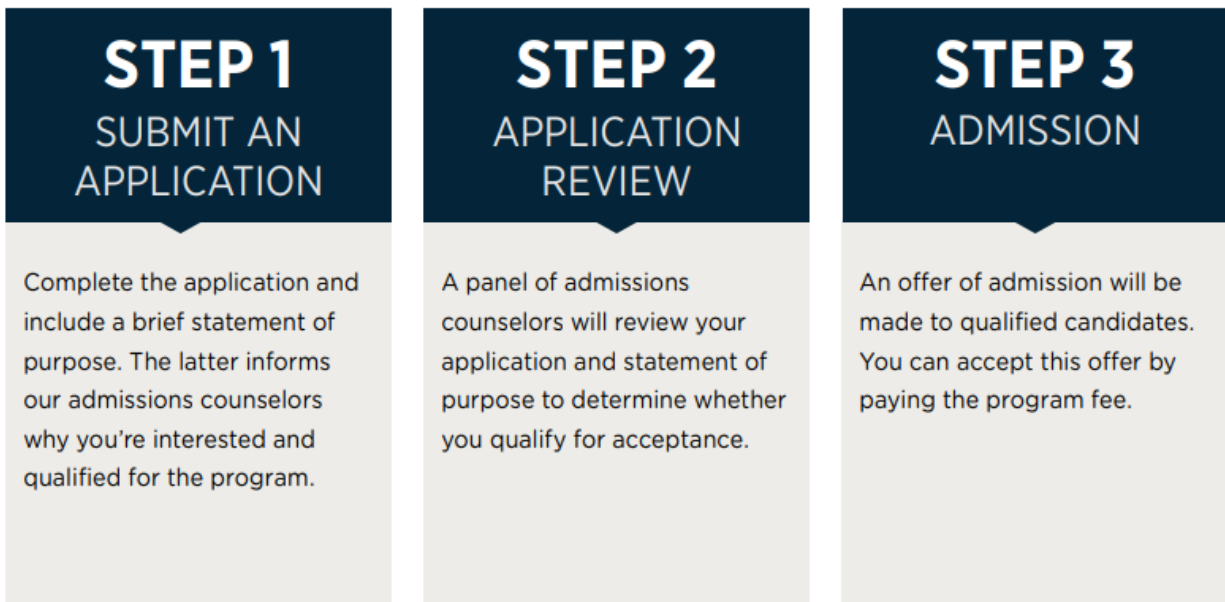
- 2+ years of work experience (preferred)
- Basic understanding of programming (preferred)





Application Process

The application process consists of three simple steps. An offer of admission will be made to the selected candidates and accepted by the candidates by paying the admission fee.



Talk to an Admissions Counselor

We have a team of dedicated admissions counselors who are here to help guide you in applying to the program. They are available to:

- Address questions related to the application
- Assist with financial aid (if required)
- Help you resolve your questions and understand the program



Program Outcomes:

Understand blockchain technology and key concepts such as cryptography and cryptocurrency:

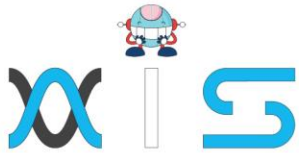
- Understand blockchain technology and key concepts such as cryptography and cryptocurrency concepts
- Get a deeper understanding of Bitcoin and its network
- Understand what distributed ledger and hyperledger means
- Architect and develop applications on Ethereum Blockchain
- Learn about consensus, transactions, work flows, and networks
- Get hands-on experience with a capstone on industry-relevant use cases
- Understand and learn about smart contracts

Who should enroll in this program?

This program caters to graduates in any discipline and working professionals from diverse backgrounds and basic programming knowledge is good to have. The diversity of our students adds richness to class discussions and interactions. The Blockchain market is expected to reach USD 39.7 billion by 2025, at a growth rate of 67.3 percent. This program prepares both new and experienced professionals — with a passion for blockchain and a technical background — for a thriving career in blockchain. Suitable candidates include:

- Business analysts
- Developers
- Product managers
- Project managers
- Solution architects
- Team leads Students

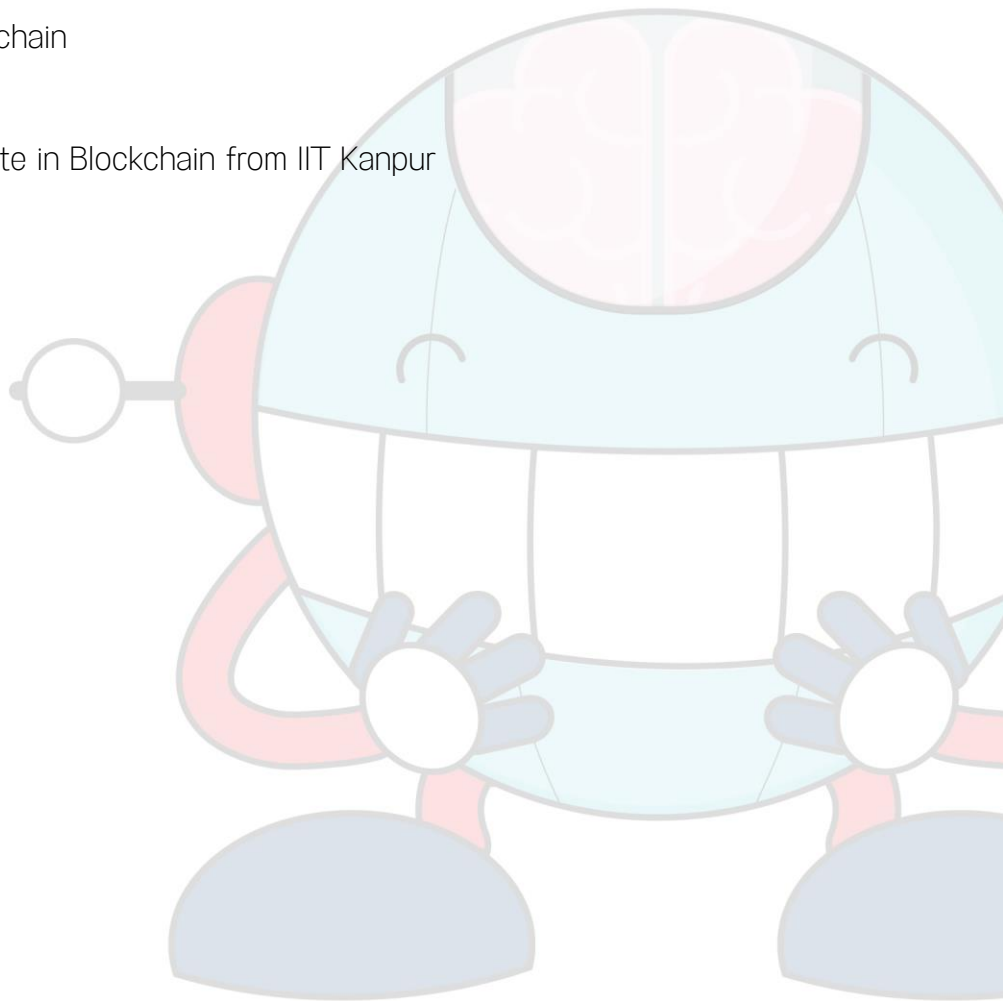


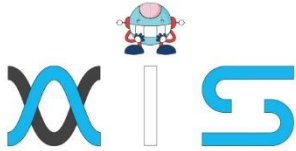


Learning Path:

Gain insights into the world of Blockchain and current real-world applications:

1. Introduction to Blockchain and Bitcoin
 2. Learn about Ethereum
 3. Understand Consensus, Hash
 4. Get to know about Hyperledger Fabric
 5. Smart Contracts and Networks
 6. Applications of Blockchain
 7. Capstone Project
 8. Professional Certificate in Blockchain from IIT Kanpur
- (☆)





AIS

With the rising demand in scalable technology, AIS provides tailored goal-setting based on your organization's needs and expectations. With products geared towards the growing needs of your organization's customers and employees, AIS has innovative and value-driven solutions.

Learning Partners



SAS Management, Inc.

SAS Management, Inc. has been a leader in the training, certification and consulting services industry in the Philippines. With offices in Makati, Ortigas and Cebu, Philippines, the company has been the top training and consulting company for over 9 years. In its years of existence, it has provided certificates to over 100,000 professionals including 10,000 participants in the 160+ courses that have been conducted just during the 2020-2021 pandemic alone. The most sought-after courses being offered are ITIL, Project Management Professional (PMP)®, COBIT 5, Six Sigma Yellow Belt, Six Sigma Green Belt, PRINCE2, and organizational skills, among others.



Simplilearn

Simplilearn, based in California and India, is the world's #1 online bootcamp and one of the world's the leading certification and training providers. Simplilearn trained over 2,000,000 professionals with 2,000+ trainers and provides over 400 different courses.

Technology Partner



Freshworks

With over 40,000 customers, Freshworks is a business solutions software provider with products ranging from IT helpdesk and service desk, customer relationship management, live chat, marketing automation, phone system, and HR.

Partners & Affiliates



PECB

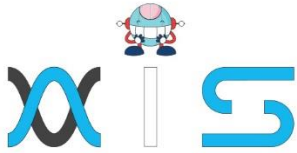
SDI Service Desk Institute

EC-COUNCIL

MIT Massachusetts Institute of Technology



P PURDUE UNIVERSITY



The program presented, as well as a wide range of programs are products of the partnership of AIS, SAS Management, Inc., and Simplilearn. With a common goal of providing the best practice of facilitating learning with an array of choices available in the online platform in this time of digitization.

Office Addresses

NXT AIS Inc.

Juan Antonio III Building
315 Maysilo Circle, Mandaluyong, Philippines

SAS Management, Inc.

- **Head Office**

Unit 1602 Cityland 10 Tower
2 6815 HV dela Costa cor Ayala Avenue
Makati City, Philippines

- **Branch Office**

Unit 204 Villa Building
Jupiter St. corner Makati Avenue
Makati City, Philippines

- **Branch Office**

Room 201 2nd floor OLS Building
443 Gorordo Avenue., Brgy. Kamputhaw
Cebu City, Philippines

- **Branch Office**

Malaysia - SAS Management
Sdn Bhd 6f-16, IOI Business Park,
Persiaran Puchong Jaya
47170, Selangor

Simplilearn

- **Simplilearn Americas, Inc
Pvt Ltd.**

201 Spear Street, Suite 1100,
San Francisco, CA 94105 United States

- **Simplilearn Solutions
Pte Ltd.**

NALANDA 53/1 C, Manoj Arcade, 24th Main Rd,
Sector 2, HSR Layout, Bengaluru
560102, Karnataka, India.

- **Simplilearn Singapore**

#14-302, The Plaza, 7500A Beach Rd,
Singapore 199591