![NSE talentsprint logo]

Join the Future of Technological Innovation

Advanced Certification Program in

Blockchain and Distributed Ledger Technologies

Program Partner

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY
HYDERABAD
OUTREACH DIVISION

IIIT Hyderabad

What's inside?

6 Reasons Why Professionals Prefer this Program

Most-Preferred Learning Format
Faculty-led Interactive Live Classes

Get Alumni Status
Become a privileged alumni and network with peers placed at top positions in the industry

Certification from IIIT Hyderabad
Ripple's UBRI Blockchain Research CoE

Practitioner's Curriculum
Including Industry Projects and Hackathons

India's Top Faculty
Expert Faculty from IIIT Hyderabad

The TalentSprint Advantage
Build your expertise 24x7 with our best-in-class pracademic platform

The Global Demand for Blockchain Engineers up by 517% YoY

HIRED

Blockchain will grow to $3 Trillion by 2030

Gartner

By 2023, Blockchain Developers can expect ₹40 Lakhs/annually.

PayScale

Blockchain Jobs are growing at the rate 2000% - 6000%.

livemint

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Embrace the Change

"The Global Demand for Blockchain Engineers up by 517% year over year. "

~ Hired.com

The world has come to realize the immense potential of Blockchain which is making its presence felt in Banking, Finance, Healthcare, Supply-chain, Legal, and several other industries. By 2030, Blockchain would have added $3.1 Tn business value. The adoption rate of blockchain technology across organizations, irrespective of the size or scale of operation is growing exponentially. However, there has been an acute shortage of ready-to-be-deployed professionals who can contribute to growth in these sectors.

IIIT Hyderabad Blockchain Center of Excellence and TalentSprint offer the Advanced Certificate Program in Blockchain and Distributed Ledger Technologies. This 6 months program brings you a hands-on learning experience through Faculty-led Interactive LIVE Sessions, Hackathons, Capstone Projects, Master Mentors and an exceptional peer group.
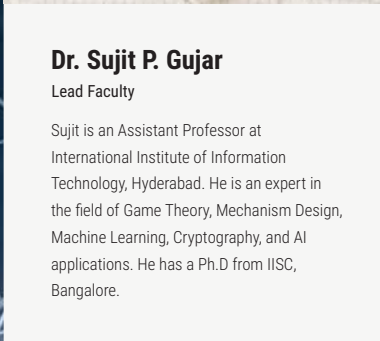
Learn from Leaders

Dr. Kannan Srinathan
Lead Faculty

Kannan Srinathan is an Assistant Professor at International Institute of Information Technology, Hyderabad. He is an expert in the field of Cryptography and Security. He has a Ph.D from IIT, Madras.

Dr. Sujit P. Gujar
Lead Faculty

Sujit is an Assistant Professor at International Institute of Information Technology, Hyderabad. He is an expert in the field of Game Theory, Mechanism Design, Machine Learning, Cryptography, and AI applications. He has a Ph.D from IISC, Bangalore.

Sunil Aggarwal
Lead Faculty

Sunil is the author of the book "Bitcoin Magnet". He is a leading Blockchain expert and has been advising Startups and their ICOs over the last six years. He has two decades of experience in teaching, research and startup consulting.

Shalmali Ayachit
Chief Mentor

Shalmali is the Lab Mentor for the Blockchain Program. Over the last 2.5 years, Shalmali is involved in research related to Blockchain and other areas including Bitcoin Ecosystem, Ethereum, Smart Contracts, Implementation of Dapp and Hyperledger.

Harsh Patel
Faculty

Harsh Patel is the Blockchain Architect at Metabase, a new platform with a scalable PoW mechanism. He is one of the foremost experts in Distributed Consensus Systems in India. He has done other blockchain ventures known as Project Mandi, Flake Protocol and Project Algorythmix.

Dharmen Dhulla
Faculty

Dharmen heads the Blockchain CoE at Tech Mahindra since February 2014. Previously, he worked for IBM at Houston, TX USA for five years from 2008 onwards and with Oracle since 2004 and other assignments at L&T Infotech, Syntel and e-Touch Systems.

Curriculum for Practitioners

Create Tokens

Building Smart Contracts

Implement Digital Wallets

Launch Decentralised Apps

Understanding Blockchain Foundations

- ➤ Blockchain & Distributed Ledger Technology (DLT)
- ➤ Elements of Distributed Computing
- ➤ Elements of Cryptography
- ➤ Game Theory and Cryptonomics
- ➤ Cryptocurrencies, Tokens, and ICOs

Building Smart Contracts Using Ethereum, Solidity

- ➤ Introduction to Ethereum
- ➤ Smart Contracts with Solidity
- ➤ ERC20 Standards
- ➤ Best Practices and Auditing
- ➤ Smart Contract Mini Project

Building DApps Using Hyperledger

- ➤ Introduction to Hyperledger
- ➤ Key Frameworks and Tools
- ➤ Building dApps with Golang
- ➤ dApp Mini Project
- ➤ Building PoCs with Hyperledger FABRIC
- ➤ Bridging solutions with Hyperledger BESU

Blockchains in Action

- ➤ Blockchain Tradeoffs across Multichain, Ripple, Corda, EOS & Cosmos
- ➤ Facebook Libra & Corporate Currencies
- ➤ CBDC & its paradoxes
- ➤ How to write a project whitepaper
- ➤ NFT's
- ➤ DeFi technology
- ➤ Metaverse

Capstone Project

- ➤ 2-day Hackathon
- ➤ Project Showcase
- ➤ Industry Interface

Specific Projects

- ➤ Separate projects for Developers & Managers
- ➤ Programming track
- ➤ Cryptonomic Design track

Industry Hackathons

Trade Finance Application

Disaster Management Tool

Digital Identity Verification

Custody of Assets

KYC

Where is my fish?

Is this Prada?

Where is the invoice?

Save the disaster!

Insurance claims processing

Vehicle lifecycle management

Land record

Trade finance

Settlement

*These are just some of the interesting Hackathon Projects in the Program

Online Delivery

Interactive Online Classes

- Interactive Sessions
- Weekend Schedule
- Direct to Device
- Handholding for Startups
- One-to-one Mentorship

Fuel Your Professional and Organisational Growth

Advance Your Career

Accelerate your career growth with Blockchain expertise

Initiate and lead Blockchain projects in your organization

Build your own Blockchain or Blockchain-based apps

Organisational Transformation

Apply Blockchain technology across business functions

Build Blockchain-based infrastructures

Build a framework for implementing Blockchain technology

Career Accelerator

TalentSprint's Career Accelerator offers real, tangible, and far-reaching career advancement and transformation solutions to program participants. At TalentSprint, we are committed to helping participants connect, explore, and empower their future.

Compelling Profile

Build a compelling professional profile with a DeepTech edge

Priority Career Access

Get priority access to career opportunities in the industry

Elite Community

Become a member of an exclusive community of DeepTech experts

Startup Mentorship

Boost your startup ideas with professional mentorship

Eligibility

Professionals with at least 1 year work experience and readiness for learning basics of coding

Your Blockchain Journey

1

Apply for the Program

By sharing your education and professional details

2

Wait for Selection

By program selection committee

3

Block Your Seat

By paying the Registration Fee

4

Enroll for the Program

By paying the Full Program Fee

5

Start Building Blockchain Expertise

By October 2022

6

Get Certified by IIIT Hyderabad

By April 2023

Participant Feedback

"Knowledge shared by the professors and industry leaders is exceptional."

Ramesh Hallur,
Project Manager, Cognizant

"By the end of the program, we were confident to build our own applications."

Sundeep Reddy,
Cloud Ops Engineering Specialist

"The hands-on experience helped us put the test cases into code and execute them easily."

Anthony George,
Technical Specialist, IBM

"Very happy with the technical aspect and lab sessions. Program is more than our expectations."

Ramakrishna,
CEO, Pranco Technologies

"The basics are well-grounded here as compared to online learning."

Srikanth Bharath,
Sr. Manager, IT sector

Participant Profile

75%	**11%**	**42%**
Participants with over 5 Years of Experience	Women Participants	From Startups and Small Companies

Job Profile

- 15% Leaders
- 24% Managers
- 23% Analysts
- 38% Developers
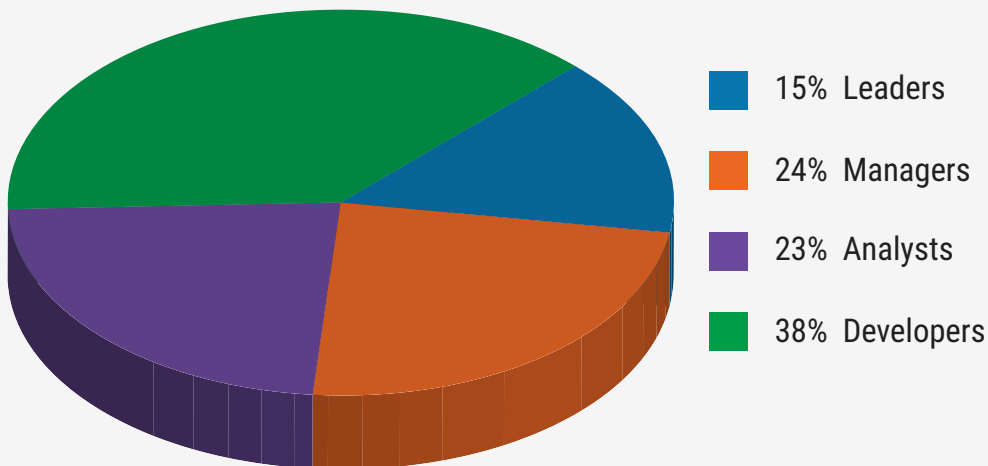
Participants from Indian and Global Locations

Bengaluru   Chennai   Gurgaon   Hyderabad   Mumbai

New Delhi   Pune   Vijayawada   Visakhapatnam

Jacksonville (Florida)   Roswell (Mexico)   Singapore

Participations from Top Organizations

Accenture	ADP	Agility	Broadridge	Capgemini	CGI
Cognizant	Deloitte		FORD Technologies		GetInfy
Goldman Sachs	GrabOn	HCL	Hewlett-Packard		HSBC
IBM	ICICI Bank	Infosys	JP Morgan	KPMG India
My3	National Insurance	Netcracker		NTT DATA
Oracle	PayPal	Qualcomm	Sify Technologies		TCS
Tech Mahindra	UBS	UnitedHealth Group		ValueLabs
Vertex Computer	Virtusa	Vodafone	Wells Fargo	Wipro

Fee with Flexible Payment Options

Details	Domestic Participants	International Participants
Program Fee	~~₹2,00,000~~	~~$3,000~~
With Scholarship	₹1,40,000	$2,200
0% EMI available	Special Corporate Enrolment Pricing available	

Fee paid is non-refundable and non-transferable.

GST as applicable

About IIIT Hyderabad

First IIIT in India	Unique Research Based Institute
Largest CS Research Group in India	Blockchain Research CoE Ripple's UBRI

The International Institute of Information Technology, Hyderabad (IIIT-Hyderabad) is an autonomous research university founded in 1998. The institute has large research centers in language technologies, visual technologies, data engineering, blockchain, security and algorithms. IIIT Hyderabad is one of the 17 global members of Ripple's University Blockchain Research Initiative (UBRI) along with Princeton, MIT, UPenn, and Berkeley. Its Blockchain Center of Excellence is focused on academic research, technical development, innovation and executive education. For more information please visit www.iiit.ac.in

About TalentSprint

Deep Tech Program for Professionals	Best in Class Hybrid Platform
Industry Partnerships	Academic Partnerships

TalentSprint, a National Stock Exchange (NSE) Group Company, brings transformational high-end and deep-tech learning programs to emerging and experienced professionals in partnership with top academic institutions and global corporations. Its patent-pending, AI-powered, digital learning platform enables a perfect blend of high-end academics and industry-leading practitioner experience. Its programs have consistently seen a high engagement rate and customer delight. For more information, visit www.talentsprint.com

Contact

Contact Program RM for more details

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Program Partner

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