INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY

H Y D E R A B A D

OUTREACH DIVISION

talentsprint

Advanced Certification Program in

Blockchain and Distributed Ledger Technologies

What's inside?

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.

"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."

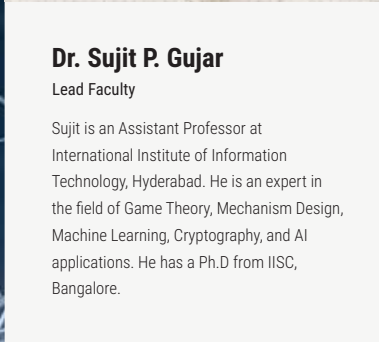**Srikanth Bharath,**
Sr. Manager, IT sector

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.

What should you expect from this Program?

Build
Build expertise in Blockchain and DLT

Learn
Learn from the world-class faculty and professionals

Reinforce
Develop DApps by applying the learnings

Certificate
Obtain an Advanced Certification from IIIT Hyderabad Outreach Division

Alumni
Get Alumni Status of IIIT Hyderabad Executive Education

Scholarships

Academia Scholarship

Startup Scholarship

Women Scholarship

Youth Scholarship

Groups Scholarship

0% EMI
Learn Now. Pay Later.

What and how will you learn?

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

Capstone Project

- 2-day Hackathon
- Project Showcase
- Industry Interface

Specific Projects

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

Fee with Flexible Payment Options

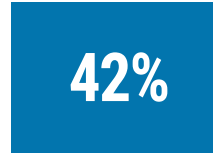| Details	Amount - INR	Amount - USD
Program Fee	₹2,00,000	$3000
Early Bird Scholarships. On a first-come-first-serve basis.	₹35,000	$500
Payable Fee	₹1,65,000	$2,500
24-month interest-free EMI	₹8,112.5/Month	

GST applicable

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

Participant Profile

75%

Participants with over
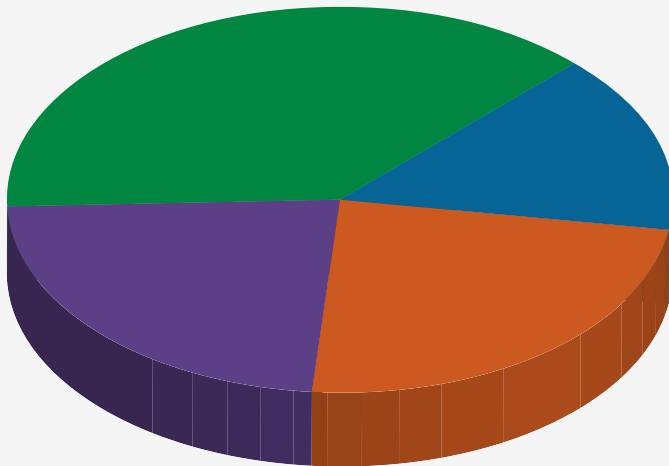5 Years of Experience

11%

Women
Participants

42%

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

6 Reasons Why Professionals Should Join

Most-Preferred Learning Format
Faculty-led Interactive Live Classes

Exceptional Peer Group
From leading Global Companies

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

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

🖥 LIVE Online Sessions

✔ Interactive Sessions   ✔ Weekend Schedule

✔ Direct to Device   ✔ Handholding for Startups

✔ One-to-one Mentorship

Classes start in September 2020

IIIT-Hyderabad Blockchain Center of Excellence

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 Block-chain 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

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Contact

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