



भारतीय प्रौद्योगिकी संस्थान दिल्ली
Indian Institute of Technology Delhi



BE A PART OF THE FINTECH REVOLUTION

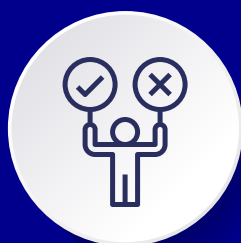
Certificate Programme in
FinTech

05 Months | Starts 11th December, 2022 | Live Online Lectures

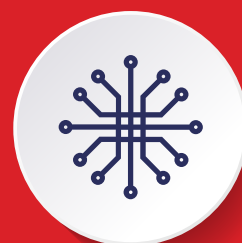
FinTech

FinTech, a portmanteau of 'finance' and 'technology', refers to the use of technology to enhance or automate financial services and processes. FinTech has a seemingly endless array of applications, considering its exponential growth from mobile banking and insurance to cryptocurrency and investment apps. The evolution of FinTech can be attributed to four key enablers that have contributed to the growth of FinTech, empowering businesses and customers worldwide.

The ABCD of FinTech - Enablers



Artificial Intelligence for smart decision-making and solving complex problems



Blockchain Technology for building trust and maximising efficiency



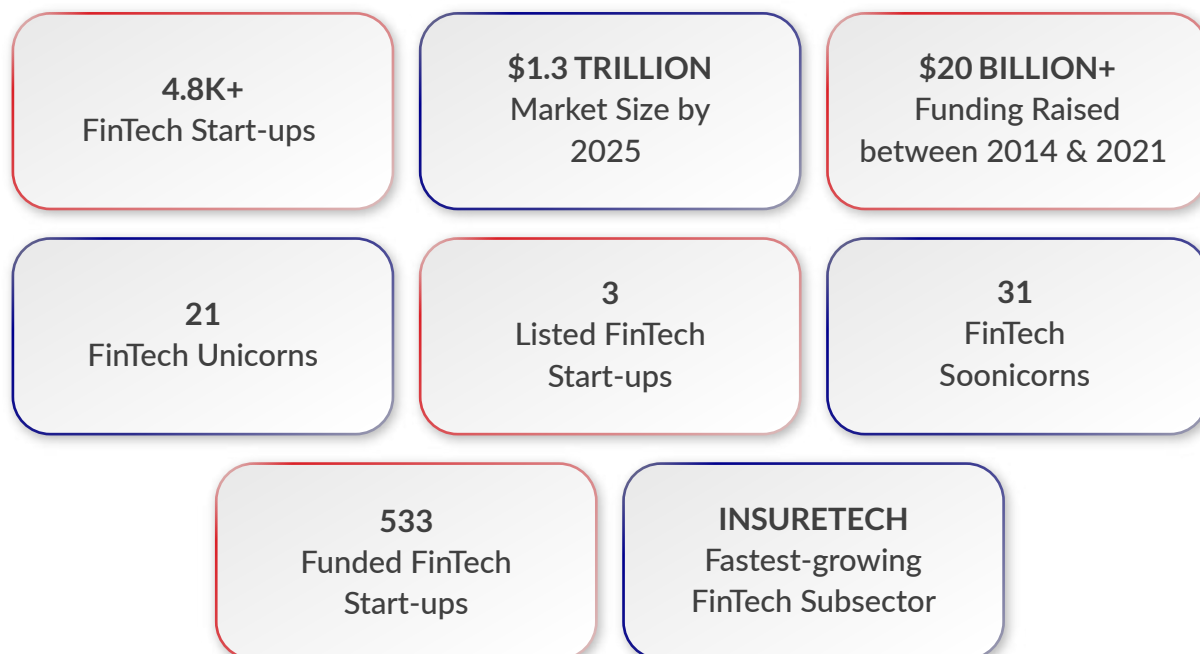
Cloud Computing for robust infrastructure and future-proof technology



Data Management for increased data accuracy and proper utilisation

India's FinTech Ecosystem is on a High Trajectory

Indian FinTech Industry



Source: inc42.com

Note: companies have been classified on the basis of valuation: Decacorns (>USD 10 Bn), Unicorns (USD 1 Bn), Soonicorns (USD 0.5-1 Bn), Century Club FinTechs (USD 100-500 Mn), Minicorns (USD 1-100 Mn), Early Stage FinTechs (<USD 1Mn)

The FinTech industry today is demanding a unique combination of knowledge of finance as well as technology. There are finance professionals who need to upskill their knowledge to understand the technology side and there are technology experts, who have a need to upskill their understanding of financial markets, products and services.

Certificate Programme in FinTech

FINTECH

Programme Highlights



A programme from DMS, IIT Delhi
DMS is ranked #4 in NIRF Management (2022)



5-month, online programme for students and working professionals



60 hours of live online teaching



2-day campus immersion



Certification from CEP, IIT Delhi

Who Should Attend?

- Students, early and mid-management professionals interested in the FinTech space
- Candidates attracted by concepts of digital currency, blockchain, cryptography, bitcoin, central bank digital currency and application areas of Smart Contracts, Ethereum, Crowdfunding, and ICOs
- Early professionals looking to expand their organisations into the FinTech space
- Candidates looking for introduction to risk management structure who would appreciate the developing area of RegTech, regulatory sandboxes, and the way forward through opportunities

Key Learning Outcomes



Understand the evolution of finance and technology, and how these innovations are transforming finance as a discipline and business decision-making



Apprehend the evolution of money, banking, and payment systems using the concepts of blockchain, cryptography and security in blockchain, bitcoin, and central bank digital currency



Learn the FinTech ABCDs: Artificial Intelligence, Blockchain, Cloud Computing, Data Management



Become versed with applications of Fintech - Smart Contracts, Ethereum, Crowdfunding and ICOs, Lending & Payments, P2P Lending, Alternative Payments, BNPL



Appreciate the era of RegTech, FinTech regulations in India, Regulatory sandboxes, and the way forward

Programme Curriculum*

Module 1: FinTech an overview

- What is FinTech?
- Drivers of FinTech
- How it is transforming finance?
- Innovations in FinTech (Smartphone/Cloud computing, AI/ML, IoT, Blockchain)
- Emerging sectors in FinTech

Module 2: Banking

- Overview of the banking industry
- Understanding the bank functions
- Financial statements of banks and financial institutions
- Bank management
- Linkage between banking and FinTech

Module 3: Cryptocurrencies

- Evolution of traditional payment systems
- Transformation to digital currency
- Blockchain – concepts
- Cryptography in blockchain
- Bitcoin – introduction, transactions
- Blockchain security
- Central bank digital currency (CBDT)

Module 4: Application in Finance

- Applications of blockchain in finance (Smart Contracts, Ethereum)
- Crowdfunding and ICOs
- Big data and AI – introduction, application in FinTech, use cases, AI tools used, future
- Lending & payments – introduction, role of P2P lending in financial services, alternative payments and trends, BNPL
- Case studies

Module 5: Risks and regulations

- Risks and challenges – banking sector regulations
- FinTech and risk exposures to the financial system
- RegTech and FinTech regulations in India
- Digital payments
- Regulatory sandboxes

Module 6: Way forward and opportunities

- Financial inclusion and the role of technology
- Leading players (Cases)
- Upcoming trends
- Risks and considerations of using FinTech in organisations

Module 7: Capstone project

- Strategies for developing FinTech-related ideas in different industries/product/service/factors/pitching/regulations/markets and competitors

*Note: Modules/topics are indicative only, and the suggested time and sequence may be dropped/modified/adapted to fit the total programme hours.

Programme Details



Duration

- 5 Months
- 80 Hours Course with 60 Hours of Live Online Learning
- 2-day Campus Immersion at IIT Delhi Campus*

**Accommodation and travel to be arranged by the participants*



Delivery

Live Online Sessions delivered Direct-to-Device (D2D)



Class Schedule

Sunday: 10:00 a.m. to 01:15 p.m.



Eligibility

- Graduates (10+2+3)/Diploma holders from any recognised university in any discipline. Students in their final year of their graduation can also apply
- Minimum 45% (or equivalent) marks required



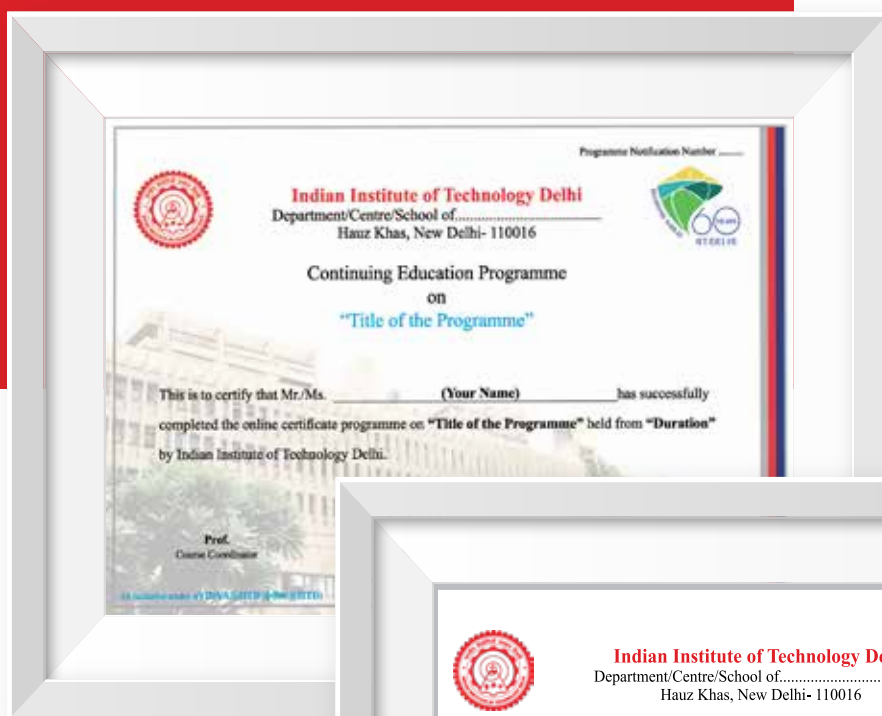
Admission Criteria

Selection based on application review

Evaluation

- Quizzes/Assignments – 50%
- End-term Exam – 30%
- Capstone Project – 20%





Certification*

- Candidates who score at least 50% marks overall and have a minimum attendance of 50% will receive a 'Certificate of Completion' from CEP, IIT Delhi.
- Candidates who score less than 50% marks overall and have a minimum attendance of 50% will receive a 'Certificate of Participation' from CEP, IIT Delhi.
- The organising department of this programme is the Department of Management Studies, IIT Delhi

**Only e-certificates will be issued by CEP, IIT Delhi as per the sample above*

Programme Faculty



**DR. SMITA
KASHMIRAMKA**

Associate Professor,
Dept. of Management
Studies,
Indian Institute of
Technology Delhi

Dr. Smita Kashiramka is an Associate Professor in Finance at the Department of Management Studies, IIT Delhi. She holds a Ph.D. from BITS Pilani, Pilani Campus, in Mergers and Acquisitions. She has 17+ years of academic and research experience. Her areas of interest include Financial Institutions and Markets, Banking, Corporate Finance, and Mergers & Acquisitions. She has been invited for guest lectures by several eminent institutions including IIFT, New Delhi, IIM Raipur, and IIT Jammu, to name a few. She has also conducted training programmes for national and international participants from both the government and private sectors. She has published papers in several international and national journals of repute including those listed in the Australian Business Deans Council list, Scopus, and ABS Journal Quality list. She has also presented several papers at international peer-reviewed conferences.

Dr. Smita has worked on several research projects funded by organisations of international and national repute including the Bill and Melinda Gates Foundation, USA, Ministry of Textiles, Ministry of Human Resource Development, and Ministry of Agriculture and Farmers Welfare, Government of India. She has also organised and conducted training programmes for international participants as well as government institutions including Tshwane University of Technology, Pretoria, South Africa, Airports Authority of India, Hindustan Zinc Ltd., etc.



DR. SONALI JAIN

Assistant Professor,
Dept. of Management
Studies,
Indian Institute of
Technology Delhi

Dr. Sonali Jain is an Assistant Professor of Finance at DMS, IIT Delhi. She holds a Ph.D. from IIM Ahmedabad, specialising in Finance & Accounting. Before her Ph.D., she completed her Bachelor of Engineering from Netaji Subhas Institute of Technology, Delhi University (DU). This unique combination of exposure to finance and technology has piqued her teaching and research interests in financial technology, financial markets, and financial management.

Her work is published in international journals of repute, including those listed in the Australian Business Deans Council list. She has also presented several papers at international peer-reviewed conferences around the world. She has been part of projects with the National Stock Exchange (NSE), Ministry of Textiles (GoI) and Ministry of Electronics and Information Technology (GoI). She is the recipient of multiple international and national level awards like the Best Thesis Award (IIM A), Paul R. Lawrence Fellowship (USA), Merit Scholarship (DU), and Young Faculty Fellowship Award (IIT Delhi). She is a rank holder in Mathematics Olympiad and has qualified MENSA.

Programme Fees

Particulars	Amount (₹)
Programme Fee	1,35,000
GST@18%	24,300
Total	1,59,300

Note: All fees should be submitted in the IITD CEP Account only, and the details will be shared post-selection.



FINTECH

Instalment Schedule

Instalment	Date	Amount (₹)*
I	To be paid within 7 days of offer rollout	45,000
II	10 th January, 2023	45,000
III	10 th February, 2023	45,000

*GST @18% will be charged extra in addition to the fee.

Programme Timelines

Application closure date	09 th October, 2022
Shortlisted candidates will be informed by	13 th October, 2022
Last date to submit the 1 st instalment	21 st October, 2022
Programme start date	11 th December, 2022
Programme end date	May 2023

APPLY NOW 



भारतीय प्रौद्योगिकी संस्थान दिल्ली Indian Institute of Technology Delhi



The Indian Institute of Technology Delhi (IIT Delhi) is one of the 5 initial IITs established for training, research and development in science, engineering and technology in India. Established as College of Engineering in 1961, the Institute was later declared as an Institution of National Importance under the “Institutes of Technology (Amendment) Act, 1963” and was renamed as “Indian Institute of Technology Delhi”. It was then accorded the status of a Deemed University with powers to decide its own academic policy, conduct its own examinations, and award its own degrees.

Since inception, over 48,000 students have graduated from IIT Delhi in various disciplines including Engineering, Physical Sciences, Management, and Humanities & Social Sciences.

The Department of Management Studies is a result of the evolutionary process of constantly responding to a felt need of the Indian Industry and derives satisfaction from its heavy field orientation in all its curriculum activities. Its programmes are designed keeping in mind the changes in the business environment and are comparable to world-class business school programmes aimed at creating holistic managers to face the challenges of an ever-evolving market ecosystem.

For more details, please visit: www.iitd.ac.in

Continuing Education Programme (CEP)

Executive education is a vital need for companies to build a culture that promotes newer technologies and solutions and builds a workforce that stays abreast of the rapidly transforming needs in the technological, business, and regulatory landscape. Committed to the cause of making quality education accessible to all, IIT Delhi has launched Online Certificate Programmes under eVIDYA@IITD(ई-विद्या @IITD), enabling Virtual and Interactive learning for Driving Youth Advancement @IITD for Indian as well as international participants.

These outreach programmes offered by the Indian Institute of Technology Delhi (IIT Delhi) are designed to cater to the training and development needs of various organisations, industries, society, and individual participants at national and international levels with a vision to empower thousands of young learners by imparting high-quality Online Certificate Programmes in cutting-edge areas for their career advancement in different domains of engineering, technology, science, humanities and management.

For more details, please visit: <http://cepqip.iitd.ac.in>

2nd
in NIRF Rankings
2022 (Engineering)

2nd
in Outlook ICARE Rankings
2022 (Engineering)

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For any feedback, please write to:
Head CEP, IIT Delhi at
hodqipcep@admin.iitd.ac.in

1800-270-5400
admissions@timespro.com
www.timespro.com



Online Certificate Programmes are offered by the Indian Institute of Technology Delhi under the aegis of Continuing Education Programme (CEP) so that the Institute can realise its vision of serving as a valuable resource for industry and society, and fulfil its mission to develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.