



E&ICT Academy
IIT Guwahati

acredian
credentials that matter

Professional Certificate Program in Fintech

6 Months | Online | Instructor Led

Exclusive Program for Working Professionals



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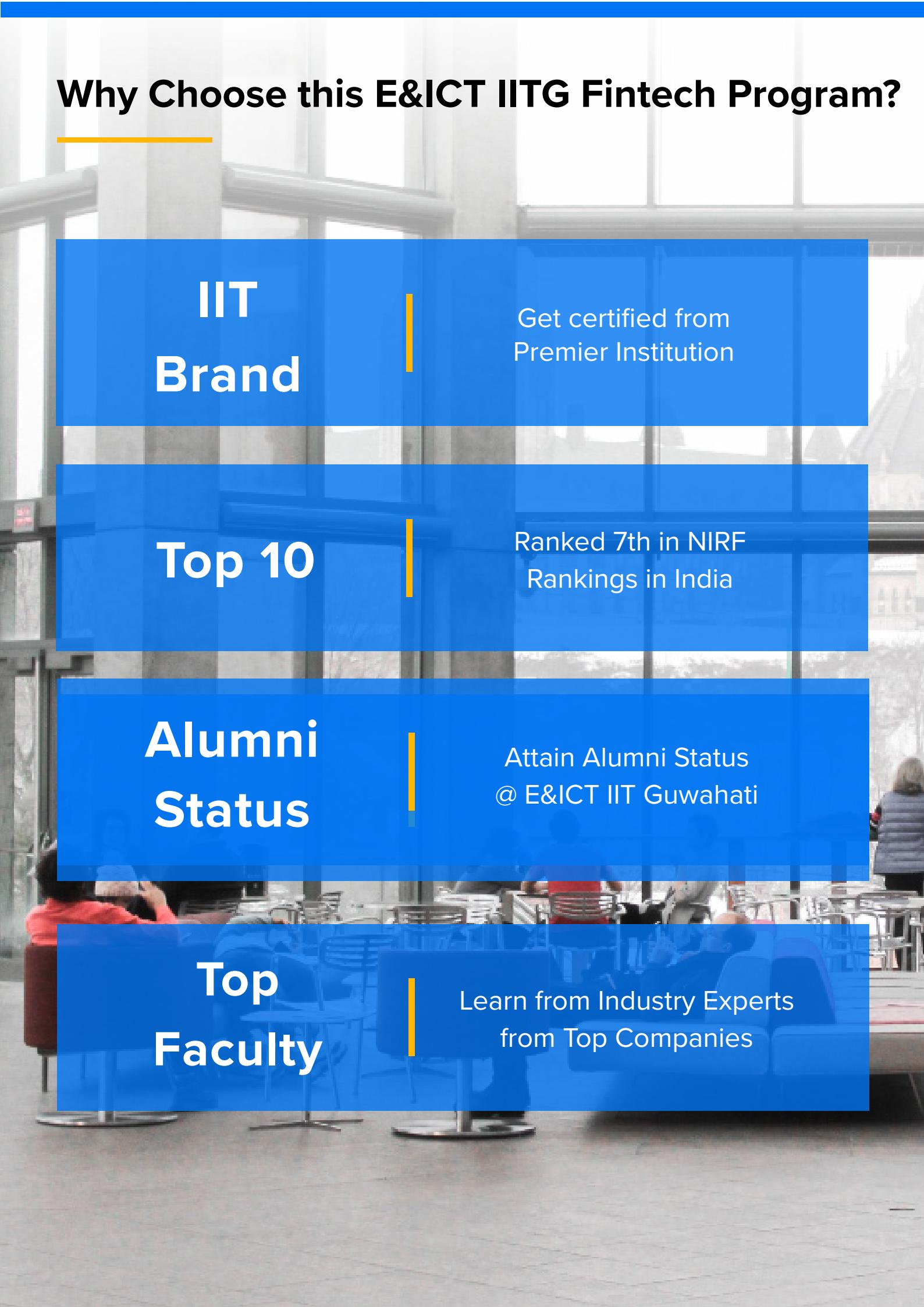
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Why Choose this E&ICT IITG Fintech Program?



IIT
Brand

Get certified from
Premier Institution

Top 10

Ranked 7th in NIRF
Rankings in India

Alumni
Status

Attain Alumni Status
@ E&ICT IIT Guwahati

Top
Faculty

Learn from Industry Experts
from Top Companies



Trending Fintech Skills for 2025

**Fintech
Ecosystem**

**Blockchain &
Crypto**

**Payments
Technology**

Cybersecurity

**Risk
Management**

Risk Analytics

Enhance your grasp of Fintech skills to drive your organization's growth. From Fintech Regulations to Financial Risk Analytics, this program prepares you for the most in-demand skills required in Managers and Leaders for 2025.

Who should enroll in this Program?

Unleash strategic insights with our Professional Certificate Program in Fintech. Tailored for emerging leaders, this program provides deep understanding and the skills to propel your career forward in Fintech, advancing you toward impactful leadership. Elevate your professional journey with Fintech mastery.





**Your Future in
Fintech Leadership
Starts Here**

Why choose E&ICT IITG Fintech Program?

Prestigious Institution

The brand value associated with an IIT certification can provide a significant boost to your professional credentials and open doors to new career opportunities.

Comprehensive Curriculum

The program is designed to provide a comprehensive understanding of Fintech and its role in industry.

Practical Learning

The program incorporates industry-relevant case studies and real-world projects, allowing participants to apply their knowledge to practical scenarios.

Applied Learning

This Program focuses on key know-hows of topics required in the industry, instead of delving deep into the theoretical aspects of each topic & tool.

Advance Your Career

The program is designed for professionals looking to transition into Fintech roles or enhance their careers with Fintech skills.

Unlock Leadership Roles

Upskill yourself with the most in-demand skills to accelerate your transition into leadership roles.



E&ICT Academy
IIT Guwahati

Fintech

Program Syllabus

Learn what matters in 6 months!



Pillar 1: FinTech Foundation

Term 1: Introduction to FinTech

Module 1: Foundations of FinTech

- Topic 1: What is FinTech?
- Topic 2: Banking System & History
- Topic 3: Key Drivers of Fintech Innovation
- Topic 4: Emerging Trends in Fintech

Module 2: Fintech Ecosystem

- Topic 5: Introduction to FinTech Ecosystem
- Topic 6: Key Stakeholders in FinTech Ecosystem
- Topic 7: Intersection of FinTech & Traditional Banking
- Topic 8: Technological Foundation of FinTech Ecosystem

Module 3: Fintech Regulations & Compliance

- Topic 9: Intro to Regulatory Frameworks in Fintech
- Topic 10: Popular Solutions for Regulatory Compliances
- Topic 11: Key Regulatory Bodies & Their Roles
- Topic 12: Compliance Requirements for FinTech Firms

What you'll learn

Term 2: Payments & Lending Technology

Module 4: Introduction to Digital Payment Systems

- Topic 13: Overview of Digital Payments
- Topic 14: Types of Digital Payments
- Topic 15: How Digital Payment Systems Work?
- Topic 16: Benefits & Challenges of Digital Payments

Module 5: Payment Ecosystem

- Topic 17: Introduction to Payment Processing & Gateways
- Topic 18: Payment Networks & Infrastructure
- Topic 19: Acquirers & Issuers
- Topic 20: Payment Security & Fraud Prevention

Module 6: Emerging Trends in Payment Technology

- Topic 21: Key Emerging Trends in Payment Technology
- Topic 22: Buy Now, Pay Later (BNPL) Services
- Topic 23: Contactless Payments & NFC Technology
- Topic 24: Real Time Payment Systems

What you'll learn

Module 7: Digital Lending Platforms

- Topic 25: Introduction to Digital Lending Solutions
- Topic 26: Online Loan Origination & Underwriting
- Topic 27: Credit Scoring & Risk Assessment
- Topic 28: Technology & Innovation in Lending



Pillar 2: Blockchain, Cybersecurity & Risk Analytics in FinTech

Term 3: Blockchain & Cryptocurrency

Module 8: Fundamentals of Blockchain Technology

- Topic 29: Intro to Blockchain in FinTech
- Topic 30: BlockChain Architecture & Components
- Topic 31: Consensus Mechanisms
 - (e.g. Proof of Work, Proof of Stake)
- Topic 32: Cryptographic Techniques & Security

Module 9: Cryptocurrency Fundamentals

- Topic 33: Introduction to Cryptocurrency
- Topic 34: Cryptocurrency Mining & Wallets
- Topic 35: Cryptocurrency Transactions & Exchanges
- Topic 36: Regulatory & Compliance Issues in Cryptocurrencies

Module 10: Smart Contracts in FinTech

- Topic 37: Intro to Smart Contract
- Topic 38: Smart Contract Architecture
- Topic 39: Use Cases of Smart Contracts in Fintech
- Topic 40: Challenges & Best Practices

What you'll learn

Term 4: Cybersecurity in Fintech

Module 11: Fundamentals of Cybersecurity in Fintech

- Topic 41: Introduction to Cybersecurity in FinTech
- Topic 42: CyberThreats in FinTech
- Topic 43: Security Principles & Best Practices
- Topic 44: Overview of Cybersecurity Frameworks & Standards

Module 12: Cybersecurity Risk Management

- Topic 45: Cybersecurity Risk Assessment & Mitigation
- Topic 46: Creating & Implementing Risk Management Plan
- Topic 47: Incident Response & Recovery Plans
- Topic 48: Continuous Monitoring & Auditing

Module 13: Cybersecurity Compliance and Data Protection

- Topic 49: Overview of Cybersecurity Regulations (RBI, SEBI, IT Act)
- Topic 50: Data Protection & Privacy Laws (PDPB, GDPR)
- Topic 51: Compliance Requirements for Fintech Companies
- Topic 52: Managing Compliance Risks & Audits

What you'll learn

Term 5: Financial Risk Analytics

Module 14: Intro to Financial Risk Analytics

- Topic 53: Understanding Risk: Market, Credit, Operational
- Topic 54: Role of Analytics in Financial Risk Management
- Topic 55: Common Techniques used in Risk Analytics
(VaR, Stress Testing)
- Topic 56: Introduction to Risk Analytics Tools

Module 15: Market Risk Analytics

- Topic 57: Introduction to Market Risk
- Topic 58: Data Collection & Preparation for Risk Models
- Topic 59: Understanding VaR (Value at Risk)

Hands-on: VaR Calculation

Module 16: Credit Risk Analytics

- Topic 60: Introduction to Credit Scoring Models
- Topic 61: Building a Simple Credit Scoring Model
- Topic 62: Understanding Default Probabilities & Potential Losses

Hands-on: Estimating Probability of Default

Capstone Project & Key Tools Covered

Capstone Project

This Project will challenge participants to address a real-world problem or opportunity in the fintech domain, leveraging skills from fintech fundamentals, digital payments, blockchain, cybersecurity, and financial risk analytics. Participants will collaborate in teams, employing innovative solutions and demonstrating a comprehensive understanding of fintech concepts. This hands-on experience aims to enhance their problem-solving abilities and prepare them for future industry challenges.

Key Tools Covered



Excel

VULCAN.



SOLIDITY



Many more ...

* The program aims to familiarize learners with various tools in the Fintech ecosystem, with a focus on how to effectively leverage them as a professional, rather than achieving mastery in each tool.

Learn from Top 1% Practitioners



Principal Investigator



E & ICT Academy
IIT Guwahati



Sr. Faculty

acredian



Fintech Leader



Ex - Transaction Advisory

Deloitte.



Ex. Vice President

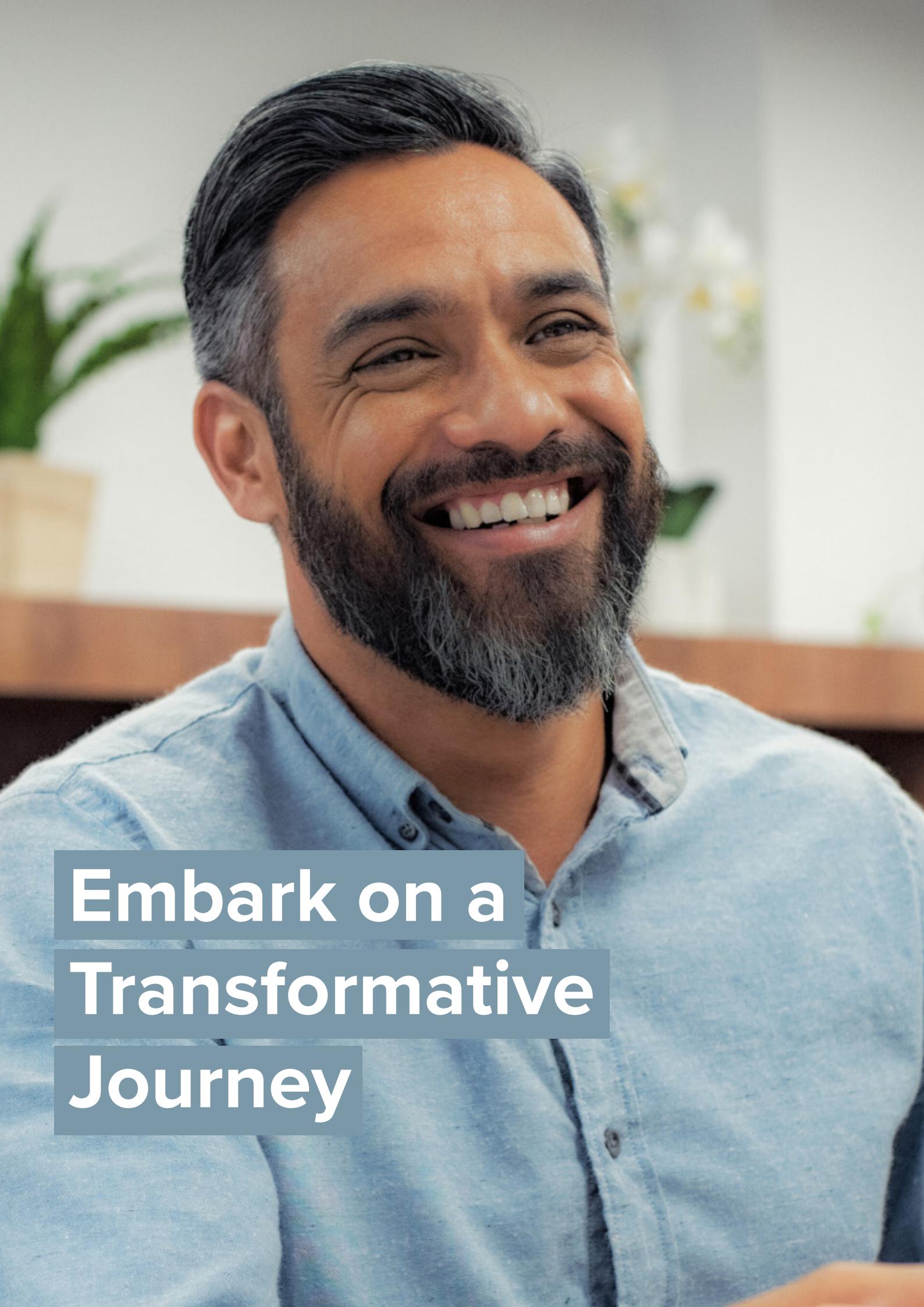


Product Manager



This is a sample pool of instructors at Accredian, 100% classes in program will be taken by Industry Practitioners. Instructors may vary as per Availability & Schedule.



A close-up portrait of a middle-aged man with a warm complexion, dark hair with grey at the temples, and a well-groomed dark beard. He is smiling broadly, showing his teeth, and has a friendly, approachable expression. He is wearing a light blue, button-down denim shirt. The background is slightly blurred, showing indoor plants and a wooden surface, possibly a table or shelf.

**Embark on a
Transformative
Journey**

World Class Learning Experience

Experience a dynamic and engaging environment that inspires and challenges you to think critically. Become a world-class Fintech Leader through hands-on learning, collaboration, and interaction with experts in the field.



Live Classes &
Online Interaction



Top Industry
Practitioners



Life Long
Student Support



Capstone
Project



Case
Studies



Executive
Alumni Status



Attain E&ICT IIT Guwahati Alumni Status

On successful completion of the Fintech Program, candidates will be eligible for alumni status at E&ICT IIT Guwahati. The benefits of the lifetime membership of alumni status include:

- **Access to E&ICT IIT Guwahati Alumni Network**
- **Alumni Meetups & Events**
- **Alumni Specific Scholarships & Grants**
- **Access to Workshops and Conferences**



Career Support with 4 Powerful Sessions



1-On-1 Career Counselling

Our career coach will help you with all your career related queries

Resume Preparation

We'll help you craft a sharp resume to boost your shortlisting chances

Simulated Mock Interviews

Participate in a mock interview to be ready for the real thing

Interview Resources

Get access to 2024 Interview Resources



“ Career coaching begins with self discovery and unfolds through strategic guidance. We are here to illuminate your path, amplify your strength, and navigate the terrain of growth with you. ”

Manjusha Jaggi

Career Coach, Accredian

Key Statistics

6 months

Comprehensive Learning

70+

Hours of Live Classes

16

Modules

5+

Tools & Frameworks

4

Career Assistance Sessions

Get Certified from India's Premier Institution



The certificate provided serves as a representation and may vary from the final certificate.
Candidates will receive a digital copy of it upon program completion.

Admission Process

1

Scan the QR on the next page.

2

Fill the application form & pay the fees.

3

Selected Candidates will receive
Admission Confirmation Letter.

Program Fee

Program Fee: INR 1,20,000 + GST

Application Fee: INR 10,000 + GST



Program Snapshot

START DATE

Tech Orientation: 10th November, 2024

CLASS TIMINGS

Sundays: 10 AM - 1 PM IST*

DURATION

6 Months

WEEKLY SCHEDULE

Online classes on Sundays

Self practice/assignments on weekdays

ELIGIBILITY CRITERIA

Basis Candidate **Profile** and **Experience**

Education: **Graduate**

PROGRAM FEE

INR 1,20,000 + GST

APPLICATION FEE

INR 10,000 + GST

EMI Options Available!

* E&ICT IIT-G & Accredian reserve the right to change class timings & curriculum as per faculty schedules & updates to curriculum. Any Extra Sessions will happen at different time slots.

* 70% Attendance is Mandatory to receive course completion certificate.



in association with

acredian
credentials that matter

admissions@acredian.com

www.acredian.com



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APPLY NOW



The World is your Campus

Experience a Transformative Journey to develop world-class mindset & skillset to thrive as a Global Leader.



IITG