



Apprenticeship Embedded Post Graduate Program (AEPGP)

Introducing 2 Years AEPGP (MBA/PGDBA Fintech)

Background

The Ministry of Finance has been charged with overseeing the Skill mandate and has established the National Skill Development Corporation (NSDC) for the purpose of driving skill development initiatives. NSDC has been working with leading organizations and associations from several sectors on setting up Sector Skill Councils to address the need for skill development.

The Indian economy has quite evidently been on a relatively high growth trajectory. It has experienced an average growth rate of over 9% annually for the last three years. There is no question that this surge has favorably impacted the Banking, Financial Services and Insurance (BFSI) sector.

BFSI companies are now able to expand by introducing new products, leveraging technology, deploying innovative strategies and ramping up distribution networks. Greater levels of consumer awareness about various investment options have enlarged the potential of this sector for catering to the various strata of society. Deregulation has induced the banking sector in particular to explore new business avenues. A strong regulatory and compliance framework in creating an investment friendly environment is showing positive signs for the sector too (Source: Dun and Bradstreet).

India needs to add 7.85 million jobs every year until 2030 to sustain economic growth and social inclusion, according to the Economic Survey 2023-24. Many leaders in the industry agree that skill development is an issue that needs attention as we seek to grow as an industry and forge ahead as critical part of the Indian economy. We are confident that with the support of the industry and other service providers, we can collaborate successfully for this nation-building endeavor and create significant progress in the area of skill development.

By partnering with the leaders of this industry, industry association bodies and various service providers, the skill council is looking forward to working hard to take our industry and therefore, our nation forward.

About BFSI Sector Skill Council Of India

The BFSI Sector Skill Council of India is set up to bring leading organizations of the BFSI industry together to create strategies and operational plans that will create standardized skill requirements for the various job roles in the industry. The skill council will also accredit well-equipped service providers who will partner to disseminate the training. The skill council is seen by its stakeholders and partners as a nation-building activity with far reaching implications for social development and empowerment through financial inclusion. Great care is being taken to appropriately address the needs of the various industry verticals as well as the geographical regions of the country.

NSDC has always been in close contact with the BFSI Sector Skill Council as we partner to address skill development needs in a large, highly segmented industry which is characterized by accelerated growth. The progress of the BFSI industry has significant impact on the progress of our nation and the issue of skill development is one that the industry holds as being of great importance.

The BFSI Sector Skill Council of India has been set up with the aim of enhancing skill development across the BFSI sector leading to greater efficiency, productivity and sustained growth.

- It addresses the shortages in skill development, known as 'skill gaps'; targets skill development strategies accordingly and thereby help in enhancement of skill level of employees.
- The approach to this is by defining the standards for skill development for the various job roles of the industry using a competency-based framework.

Deliverables to Achieve Key Objective

1. To create a Labor Market Information System (LMIS)
2. Clearly define roles for each segment of the sector
3. Identify competencies required for each role defined
4. Map learning objectives to the competencies and define learning modules
5. Train the trainers, provide certification and accreditation for training service providers

Role of BFSI SSC

1. Design Qualification as per the Job Roles in BFSI Sector
2. Skill development of the youth
3. Post skilling assessment
4. Certification
5. Assistance for Internship / Apprenticeship
6. Train the Trainer Program

Government Partnerships



Uttar Pradesh Skill Development Mission



HIGHER EDUCATION
DEPARTMENT

Industry Partnerships



Partial List

Introducing 2 Years Apprenticeship Embedded Post Graduate Program in Fintech (AEPGP-Fintech)

Course Objectives:

- Develop interdisciplinary competence by integrating finance, technology, data analytics, and management to address challenges in the digital financial ecosystem.
- Build strong conceptual foundations in banking, financial markets, payments, insurance, and regulatory frameworks relevant to FinTech innovations.
- Equip learners with technological proficiency in areas such as data analytics, artificial intelligence, blockchain, cybersecurity, and digital platforms used in financial services.
- Enhance problem-solving and decision-making skills through application of analytical tools, design thinking, and FinTech business models.
- Foster innovation and entrepreneurial thinking for designing scalable, customer-centric digital financial products and services. Provide industry-integrated learning through a structured apprenticeship, enabling learners to gain real-world exposure and professional competencies.
- Develop ethical, regulatory, and risk-aware professionals capable of operating in a highly regulated and technology-driven financial environment.
- Prepare graduates for leadership roles in FinTech firms, banks, NBFCs, startups, consulting organizations, and regulatory or compliance functions.

Program Highlights:

- Industry-Integrated Program Structure
- FinTech-Focused Curriculum
- Apprenticeship Worth 40 Credits
- NEP 2020 & Outcome-Based Education Aligned
- Strong Industry Relevance
- Hands-On Learning Pedagogy
- Technology-Driven Skill Development
- Regulatory & Risk Management Orientation
- Career-Oriented Program
- Entrepreneurship & Innovation Focus
- Continuous Assessment & Skill Evaluation
- Future-Ready & Global Perspective

Course Outcome:

- Demonstrate comprehensive knowledge of financial systems, markets, institutions, and digital financial services.
- Apply FinTech technologies such as data analytics, AI/ML, blockchain, and cloud computing to solve real-world financial and business problems.
- Analyze digital payment systems, lending platforms, WealthTech, InsurTech, and RegTech solutions within the Indian and global context.
- Evaluate financial, operational, cybersecurity, and regulatory risks associated with technology-driven financial services.
- Design and assess FinTech products, platforms, and business models using design thinking and strategic management principles.
- Use quantitative and qualitative tools for data-driven decision making in finance and technology-enabled enterprises.
- Demonstrate professional competence, teamwork, and workplace readiness through successful completion of the industry apprenticeship.
- Exhibit ethical judgment, regulatory compliance awareness, and responsible use of technology in financial services.
- Communicate effectively with diverse stakeholders, including technical teams, financial institutions, regulators, and customers.
- Pursue careers or entrepreneurial ventures in FinTech, banking, financial services, consulting, analytics, or allied domains with industry-relevant skills.

Who Should Attend:

- Graduates in Commerce, Science, Business Administration etc
- Minimum 50% marks in graduation

Post Graduate Program in Fintech

Curriculum Overview						
Sr No.	Course Title	Teaching Hours	Continuous Assessment Marks	End Examination /Evaluation Marks	Total Marks	Credits
	Year 1 Trimester 1	325	170	330	500	21
1.1	Credit Processing Officer (Skill Subject)	100	0	100	100	6
1.2	FinTech Ecosystem & Digital Financial Services	45	40	60	100	3
1.3	Financial Markets, Products & Regulations	45	40	60	100	3
1.4	Programming for FinTech (Python & SQL)	90	50	50	100	6
1.5	Managerial Economics & Business Statistics	45	40	60	100	3
	Year 1 Trimester 2	325	170	330	500	21
2.1	Mutual Fund Distributor (Skill Subject)	100	0	100	100	6
2.2	Blockchain & Distributed Ledger Technologies	45	40	60	100	3
2.3	Data Analytics & AI in Finance	90	50	50	100	6
2.4	Cybersecurity & Risk Management	45	40	60	100	3
2.5	Design Thinking & Digital Product Management	45	40	60	100	3
	Year 1 Trimester 3	325	170	330	500	21
3.1	Essential of Personal Finance (Skill Subject)	100	0	100	100	6
3.2	Blockchain & Distributed Ledger Technologies	45	40	60	100	3
3.3	Data Analytics & AI in Finance	45	40	60	100	3
3.4	Cybersecurity & Risk Management	45	40	60	100	3
3.5	Design Thinking & Digital Product Management	90	50	50	100	6
	Year 2	1200	0	0	100	40
	FinTech Industry Apprenticeship	1200	0	0	100	40
	Grand Total	2175	510	990	1600	103

7
States

60+
Districts

60+
Colleges

4000+
Students

40+
Universities



BFSI Sector Skill Council of India

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