



# Apprenticeship Embedded Degree Program (AEDP)

**Introducing 4 Years AEDP (BBA 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



# Bachelor of Business Administration - Fintech

## Introducing 4 Years Apprenticeship Embedded Degree Program (AEDP)

### Objectives of the Course

- Provide students with a strong foundation in commerce integrated with emerging financial technologies.
- Develop expertise in digital finance, blockchain, AI, and data analytics applied to BFSI and Fintech sectors.
- Equip learners with practical skills through industry-aligned skill courses and apprenticeship programs.
- Foster entrepreneurial thinking and innovation in digital financial services.
- Build awareness of regulatory, ethical, and cybersecurity aspects of Fintech operations.
- Strengthen communication, analytical, and decision-making skills for leadership roles in digital finance.

### Expected Outcomes of the Course

- Graduates will demonstrate proficiency in **Fintech tools and applications** such as digital payments, blockchain, and AI-driven finance.
- Ability to analyze financial data using **data analytics and machine learning techniques** for informed decision-making.
- Competence in managing **digital banking operations, lending, and underwriting** in a technology-driven environment.
- Enhanced employability in roles such as **Fintech Analyst, Digital Banking Specialist, Blockchain Consultant, Data Analyst, and Financial Planner**.
- Strong understanding of **cyber laws, compliance, and risk management** in digital financial services.
- Graduates will be capable of **designing innovative financial products and services** aligned with industry needs.
- Improved communication and digital marketing skills to effectively engage in the **global Fintech ecosystem**.
- Readiness to pursue **entrepreneurship opportunities** in the Fintech sector or advanced studies in finance and technology.

### Who should attend

- Aspirants intending to acquire skill-oriented program to seek employment based on acquired skill.
- Candidates having certificate of 10+2 or equivalent. (Final eligibility criteria to be decided by college/University)

5

States

40+

Districts

50+

Colleges

3500+

Students

30+

Universities

# Bachelor of Business Administration (BBA) in Financial Technology

Course Title			No of Papers	No of Hours	No of Credits	Courses Credits	
YEAR 1	Semester I		6	310	20	20	
	Skill Courses	Account Assistant (T + P)	1	100	6	6	
	Core Courses	Introduction to Fintech	1	45	3	9	
		Principles of Digital Finance	1	45	3		
		Business Economics for Fintech	1	45	3		
	General Courses	English Language-I	1	45	3	5	
		Digital Communication Skills	1	30	2		
	Semester II		6	310	20	20	
	Skill Courses	GST Assistant (T + P)	1	100	6	6	
	Core Courses	Accounting for Fintech	1	45	3	9	
		Data Analytics for Business	1	45	3		
		Marketing in Digital Finance	1	45	3		
General Courses	Environmental Science	1	45	3	5		
	English Language-II	1	30	2			
YEAR 2	Semester III		6	310	20	20	
	Skill Courses	Insurance Agent / Advisor	1	100	6	6	
	Core Courses	Blockchain Fundamentals	1	45	3	9	
		Digital Payments & Wallets	1	45	3		
		E-Commerce & Distribution Channels	1	45	3		
	General Courses	Business & Cyber Law	1	45	3	5	
		Advanced Digital Communication	1	30	2		
	Semester IV		6	310	20	20	
	Skill Courses	Mutual Fund Distributor (T + P)	1	100	6	6	
	Core Courses	Financial Technology Applications	1	45	3	9	
		Capital Markets & Fintech Products	1	45	3		
		Business Decision Making with AI	1	45	3		
	General Courses	Organizational Behaviour in Digital Enterprises	1	45	3	5	
		Entrepreneurship in Fintech	1	30	2		
YEAR 3	Semester V & VI		6	1800	40	40	
	Apprenticeship			1800	40		
YEAR 4	Semester VII		6	310	20	20	
	Skill Courses	Credit Processing Officer (T + P)	1	100	6	6	
	Core Courses	Retail Digital Banking Sales	1	45	3	9	
		Digital Lending & Underwriting	1	45	3		
		Financial Management in Fintech	1	45	3		
	General Courses	Corporate Communications - I	1	45	3	5	
		Social Media & Digital Marketing in Finance	1	30	2		
	Semester VIII		6	310	20	20	
	Skill Courses	MIS Data Analyst - Financial Services	1	100	6	6	
	Core Courses	Retail Digital Banking Liabilities	1	45	3	9	
		Branch Operations in Fintech	1	45	3		
		AI & Machine Learning in Finance	1	45	3		
	General Courses	Artificial Intelligence in Fintech Industry	1	45	3	5	
		Corporate Communications - II	1	30	2		
	Grand Total				3,660	160	160



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