

FINANCE SYLLABUS COPY

Engineered for skill enhancement.



PROGRAM HIGHLIGHTS

Accredited Certificates :

- ✓ Program approved ISO Certification

Internships :

- ✓ Industry-relevant opportunities provided-

Placement Assistance :

- ✓ Career guidance from industry experts-

Basic to Advanced Level Training :

- ✓ Learn from experienced AI professionals .

Live & Recorded Lectures :

- ✓ Flexible learning at your convenience .

Real-Time Projects :

- ✓ Hands-on minor & major projects



ABOUT US

- **OUR MISSION :**

Nxt Sync is a pioneering EdTech company committed to bridging the gap between theoretical learning and practical application. Our mission is to empower students with cutting-edge AI skills that enhance employability and prepare them for a tech-driven future.

- **OUR VISION--UPSKILL:** Empowering minds for the future.
- **INNOVATE:** Fostering creativity and breakthroughs .
- **EXCEL:** Preparing industry-ready professionals.

WHY FINANCE?

- ➤ High Demand Across Industries
 - Lucrative Career Opportunities in Banking, Investment, and Corporate Finance
 - Data-Driven Financial Strategies for Growth
 - Career Options in Financial Analysis, Risk Management, and Wealth Planning
 - Scalable Knowledge for Personal & Professional Wealth Management
 - Integration with AI & FinTech Innovations



LEARNING PATH

1. Introduction to Finance
2. Financial Accounting & Reporting
3. Corporate Finance & Investment Banking
4. Financial Markets & Risk Management
5. Wealth Management & Financial Planning
6. FinTech & AI in Finance
7. Taxation & Regulatory Compliance
8. Financial Modeling & Valuation
9. Mergers, Acquisitions & Private Equity



DETAILED MODULE BREAKDOWN

Module 1: Introduction to Finance

- Fundamentals of Finance
- Types of Financial Institutions
- Career Opportunities in Finance

Module 2: Financial Accounting & Reporting

- Accounting Principles & Financial Statements
- Balance Sheet, Income Statement, Cash Flow Analysis
- IFRS & GAAP Standards
- Financial Statement Analysis



Module 3: Corporate Finance & Investment Banking

- Capital Structure & Cost of Capital
- Financial Decision Making & Capital Budgeting
- Mergers & Acquisitions
- Private Equity & Venture Capital

Module 4: Financial Markets & Risk Management

- Stock Markets & Derivatives
- Bonds & Fixed Income Securities
- Risk Assessment & Mitigation
- Hedging Strategies & Portfolio Management

Module 5: Wealth Management & Financial Planning

- Personal & Business Financial Planning
- Retirement & Estate Planning
- Mutual Funds & Alternative Investments
- Behavioral Finance & Investment Psychology



Module 6: FinTech & AI in Finance

- Digital Payment Systems & Cryptocurrencies
- Robo-Advisors & AI in Financial Decision Making
- Blockchain & Decentralized Finance
- FinTech Regulations & Compliance

Module 7: Taxation & Regulatory Compliance

- Direct & Indirect Taxation
- Corporate Taxation & GST
- Financial Regulations & Compliance Frameworks
- Anti-Money Laundering (AML) & Fraud Prevention

Module 8: Financial Modeling & Valuation

- Building Financial Models from Scratch
- Discounted Cash Flow (DCF) Valuation
- Comparable Company Analysis (CCA)
- Leveraged Buyouts (LBO)



Module 9: Mergers, Acquisitions & Private Equity

- Deal Structuring & Due Diligence
- Valuation Techniques in M&A
- Post-Merger Integration Strategies
- Case Studies of Successful M&A Transactions

Module 10: Capstone Projects & Industry Research

- Hands-on Real-Time Financial Analysis Projects
- Industry Collaboration & Research-Based Projects
- Finance Portfolio Building
- Financial Case Study Presentations



ASSIGNMENT'S & ASSESSMENTS

- ✓ Weekly hands-on assignments
- ✓ Mid-term Financial Case Studies
- ✓ Final Capstone Finance Project
- ✓ Live Presentations & Discussions

TOOLS & FRAMEWORKS USED

Financial Analysis & Reporting:

Excel, QuickBooks, SAP, Tally, Bloomberg Terminal

Investment & Risk Management:

Morningstar, Reuters Eikon, TradingView, Black-Scholes Model

Financial Modeling & Valuation:

Excel VBA, Monte Carlo Simulation, Python & R for Finance

FinTech & AI Tools:

Robo-Advisors (Betterment, Wealthfront), AI Trading Bots,
Blockchain & Smart Contracts

RECOMMENDED READING

-  *The Intelligent Investor* – Benjamin Graham
-  *Principles of Corporate Finance* – Richard A. Brealey & Stewart C. Myers
-  *Financial Modeling* – Simon Benninga
-  *Blockchain Revolution* – Don & Alex Tapscott



WHY CHOOSE NXTSYNC?

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- ✓ Industry-Aligned Finance Curriculum
- ✓ Hands-on Real-World Finance Projects
- ✓ Expert Mentorship & Career Guidance
- ✓ Flexible Learning Schedule
- ✓ ISO-Certified Finance Training Program

Start Your Python Programming Journey with NxtSync Today!



THANK YOU

