AC – 20/04/2024
Item No. – 7.7 Sem. I (9b)

As Per NEP 2020

University of Mumbai

Syllabus for Basket of OE	
Board of Studies in Investment Management	
UG First Year Programme	
Semester – I	
Basics of Fintech	**Credits 2**
I) Foundation of Fintech in Investment	1
II) Fintech Frontier: Innovations and Regulations	1
From the Academic Year	**2024-25**

Sr. No.	Heading	Particulars
1	**Description the course :** **Including but Not limited to :**	"Basics of FinTech" introduces students to the foundational concepts, technologies, and innovations reshaping the intersection of finance and technology. The course covers key topics, offering insight into the evolving landscape of financial services. Students gain an understanding of how FinTech is revolutionizing traditional banking, lending, wealth management, and insurance practices. The subject emphasizes the integration of theoretical knowledge with practical applications, equipping students with the skills necessary to navigate the dynamic landscape of banking and insurance sectors.
2	**Vertical :**	Open Elective
3	**Type :**	Theory
4	**Credit**:	2 credits
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: (List some of the course objectives) 1. To introduce students to the fundamentals of Fintech and its role in investment management. 2. To explore various Fintech innovations and their applications in investment processes. 3. To analyze the impact of Fintech on traditional investment practices and industry dynamics.	
8	**Course Outcomes**: (List some of the course outcomes) 1. Students will demonstrate an understanding of key Fintech concepts, including robo-advisors, algorithmic trading, block chain, and be able to articulate their significance in the investment industry. 2. Students will be able to identify and describe various Fintech innovations and their applications in investment processes, such as automated investing, quantitative trading, and block chain-based assets. 3. Students will be prepared for further study and professional development in the rapidly evolving field of Fintech and investment	

9	**Modules**: - Per credit One module can be created
	Module 1: Foundation of Fintech in Investment
	• **Introduction to Fintech and Investment** Definition and scope of Fintech, Evolution of Fintech in investment management, Challenges and opportunities in the Fintech landscape • **Robo-Advisors and Automated Investing** Understanding robo-advisors and their role in investment advisory, Benefits and limitations of automated investing platforms, Case studies of prominent robo-advisor platforms • **Algorithmic Trading and Quantitative Investing** Introduction to algorithmic trading and quantitative investment strategies, Use of machine learning and data analytics in investment decision-making, Algorithmic trading platforms and tools
	Module 2: Fintech Frontier: Innovations and Regulations
	• **Blockchain and Cryptocurrencies** Basics of blockchain technology and its applications in finance Overview of cryptocurrencies and digital assets Investment opportunities and risks associated with blockchain-based assets • **Regulatory Landscape and Ethical Considerations** Regulatory frameworks governing Fintech in investment management Compliance requirements and challenges for Fintech firms Ethical considerations in Fintech adoption and investment practices
10	**Text Books:** **1.** **2.** **3.** **4.** **………**

11	**Reference Books:** 1. Fintech: The Beginner's Guide to Financial Technology in India by Praveen Hari, Janakiraman Murugavel Published by Notion Press 2. Fintech: Financial Technology Beginner’s Guide - Learn Everything About Fintech by James Fahl Published by Independently published 3. Fintech in India by Vinish Kathuria Published by Sage Publications Pvt. Ltd. 4. Fintech: The Advent of a New Financial Ecosystem in India by Debashis Nandy, Sourav Roy Published by Notion Press

12	**Internal Continuous Assessment: 40%**	**External, Semester End Examination Individual Passing in Internal and External Examination: 60%**
13	**Continuous Evaluation through:** Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc.(at least 3)	1. Lecture 2. Discussion 3. Case studies **REFER DETAIL SYLLABUS DOCUMENT**
14	**Format of Question Paper:** for the final examination **REFER TO DETAIL SYLLABUS DOCUMENT**	

Sign of Chairman
Dr. Sunil Karve
Chairman of Banking & Insurance and Investment Management

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Dr. Ravikant Balkrishna Sangurde
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