भारतीय गैर न्यायिक

भारत INDIA

रु. 500 FIVE HUNDRED RUPEES

सत्यमेव जयते

पाँच सौ रुपये Rs. 500

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ EB 488469

प्रधान मुद्रांक कार्यालय, मुंबई
प.मु.वि.क ८०००००९
26 AUG 2025
सक्षम अधिकारी

श्री. जे. पी. वाइकर

THIS STAMP PAPER IS PART OF COLLABORATION AGREEMENT SIGNED BETWEEN FINX INSTITUTE LTD. AND GLAU UNIVERSITY ON SEPTEMBER, 2025.

FINX INSTITUTE LIMITED MUMBAI

Ashok Kumar Singh
Registrar
GLA University

COLLABORATION AGREEMENT

THIS Collaboration Agreement (hereinafter referred to as the **"Agreement"**) is made on the _____ Day of September Two Thousand and Twenty-Two (2025) and entered:

By and Between

FinX Institute Limited (Formerly BSE Institute Limited), a Company incorporated under The Companies Act 1956, having its registered offices at Plot No, 112, 1st Floor, Above Tata Croma, Near Sion Circle, Sion Koliwada Road, Sion (East), Mumbai- 400 022 (hereinafter referred to as "**FinX Institute**") (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the **First Part**.

And

GLAU University (GLAU), a private University established in Mathura and having its registered office at 17km Stone, NH-19, Mathura-Delhi Road, Chaumuhan, Bharthia, Uttar Pradesh – 281406 (U.P.)(hereinafter referred to as **"GLAU"**) (which expression shall unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and assigns) of the **Second Part.**

FINX and GLAU shall hereinafter be also jointly referred to as the "Parties" and severally as the "Party".

WHEREAS Finx Institute Limited is a premier institute in financial and capital markets training and has been delivering new age employability skill and competency-based education to students to prepare them for the industry.

WHEREAS GLAU University is one of the largest private universities of Uttar Pradesh providing education in multiple streams including management, engineering, law and computers. It's one of the 12 Universities in India to receive 12B status from UGC.

AND WHEREAS

The parties of the First Part and Second Part have appreciated each other's objectives in promoting excellence, inter alia, in education in common area of interest and are desirous of entering into an agreement for mutual benefit. They wish to come together for delivery and dissemination of vocational education in the area of BFSI (Banking, Financial Services and Insurance).

Now, therefore, in consideration of the foregoing and the mutual covenants set forth herein, the Parties hereto agree as follows:

1. UNDERSTANDING.

This MOU is intended to cover a specific collaborative effort between FINX & GLAU for the programs driven by FINX under which FINX will design and develop course curriculum and contents for Courses that can be offered by GLAU.

Courses means the programs detailed in **"Annexure – 1"** of this Agreement.

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2. PROGRAM DETAILS.

2.1 Program Name and Duration

Sr. No.	Program Name	Duration	Mode of Delivery
1	Security analysis and Portfolio Management	30 hours	classroom
2	Treasury and Foreign Exchange Management	30 hours	classroom
3	Fixed Income Securities	30 hours	classroom

2.2 FINX and GLAU may add more programs/ workshops from time to time during the period of Agreement. The parties shall mutually discuss the details of the course/program before the launch of each course/program.

3. FINANCIAL TERMS.

3.1 Batch Size:

A minimum batch size to begin the program will be of 30 students.

3.2 Revenue

1. GLAU shall collect the Course fees from the students and remit the entire course fees including GST, to FINX, at the end of the trimester/program or batch.

2. Program and Fees:

Program Name	Existing Course / New Course	Course Fees (excluding GST and other applicable taxes) per student
Security analysis and Portfolio Management	Existing	6000
Treasury & Foreign Exchange Management	Existing	6000
Fixed Income Securities	Existing	6000

3. FINX institute shall raise the Invoice to GLAU as per mutually agreed terms and conditions depending on number of students enrolled for the Course.

4. RIGHTS AND OBLIGATIONS OF FINX & GLAU.

It is mutually agreed between GLAU and FINX that they shall have the following rights and obligations for the purpose of this agreement:

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CLA University

4.1 Admission of Candidates:

GLAU will market the courses among the students and admit the prospective students to the courses. Details of the admitted students will be shared with FINX in the format provided by FINX at least fifteen (15) days prior to the agreed batch start date.

4.1 Course Outline:

FINX shall prepare the detailed course outline **in consultation with the Finance Domain of Institute of Business Management (IBM)** and send it to GLAU. FINX shall provide each candidate with the detailed course outline at the commencement of the course.

4.2 Faculty:

The faculty for the course shall be arranged by FINX in consultation with GLAU. FINX shall share the details of the faculty members with GLAU **and the Finance Area Chairperson** for the purpose of coordination of the course..

4.3 Course schedule:

The course schedule, i.e., the lecture schedule shall be prepared by FINX in consultation with GLAU and the same shall be shared with candidates at the commencement of the course.

4.4 Infrastructure:

For online courses, no infrastructure is necessary. For offline courses, FINX will provide the necessary infrastructure for conducting the classes including faculty for the course.

4.5 Candidate details:

GLAU shall provide FINX complete details of the candidates within 15 days of the closure of admission. Admissions shall usually close before commencement of the course.

4.6 Faculty and support staff:

GLAU shall appoint the Faculty Coordinator on appropriate remuneration for the purpose of conducting the course. The expense for this purpose is deemed to be included in the fees collected from students and this amount would be met from GLAU's share of the fees.

4.7 Promotional activity:

GLAU shall be responsible in publicizing the course by sending mails, brochures and assisting in organizing introductory seminars.

4.8 Course examination:

FINX shall be responsible for setting question papers and assignments for the purpose of examination as mentioned in clause 2.1 herein above. FINX shall also get the same evaluated by the Subject Experts. The exams will be conducted offline. In addition, the assessment of learning will be carried out through formative and summative examinations in conformity with the assessment process of the IBM MBA–FMB program.

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4.9. Certification:

FINX and GLAU will jointly issue digital certificates to students who complete the course and successfully complete the course examination.

4.10 GLAU faculty members as participants:

Participation in the course is free for GLAU faculty provided they do not seek certification post the course. Maximum number of faculties allowed per batch would be two (2). Prior registration would be required with appropriate approval from GLAU authorities.

4.11. GLAU shall promote the courses only to the students of GLAU. GLAU shall not promote or market the courses in public domain as a course open for application by other students. Student ID cards issued by GLAU will be collected at the time of admission. Admitted students should be valid and active students of GLAU at the time of commencement of the course.

5. OTHER TERMS & CONDITIONS.

5.1 GLAU shall ensure that it holds all valid permissions, authorizations, approvals and consents, licenses and registrations, which may be required under the applicable laws, policies and procedures prevalent from time to time, for launch, administration and instruction of the course and shall share the same with FINX before commencement of the course. Such permissions, authorizations, approvals and consents, licenses and registrations shall be kept valid and subsisting throughout the period of this MOU.

5.2 For the entire process involved for this curriculum offering, GLAU will seek prior written permission from FINX before publishing any related information regarding this curriculum offering initiative in Press, media, social network, blogs and in any other allied public channels.

5.3 There would be no linkage with campus placements as part of the Courses as these are two distinct activities. GLAU shall in no circumstance, assure any placement guarantee or any such activities to be provided on behalf of FINX or by FINX to any of the students under any circumstances. GLAU shall also not make any false statement with regard to any employment guarantees to students on behalf of FINX.

5.4 Certification from FINX does not guarantee any placement guarantee or job assurance. GLAU shall not make any false statement to any student with regards to the delivery of the certificates.

5.5 GLAU shall not, during the term of its association with the FINX, nor at any time thereafter, directly or indirectly, in public/social media or private, in any manner or in any medium whatsoever, deprecate, impugn or otherwise make any comments, writings, remarks or other expressions that would, or could be construed to, defame the FINX or either of their reputations. Nor shall the GLAU assist any other person, firm or company in so doing.

5.6 The Parties shall undertake regular audits for execution of programs.

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6. INTELLECTUAL PROPERTY RIGHTS.

GLAU agrees and acknowledges that Course contents and curriculum of the Courses are and shall continue to remain the intellectual property of FINX and/or its licensors. All rights not expressly granted herein are and shall always remain with FINX.

GLAU agrees to retain all of FINX' and/or its licensors' Logo, Trademark, Copyright notice and other proprietary markings or notice on the course material. GLAU shall not, permit any affiliated college(s) or persons to, remove, alter, obscure or otherwise render illegible any of FINX' Logo, Trademark, Copyright notice or other proprietary or confidentiality markings that may be placed on the Course material or part thereof provided to GLAU hereunder without prior written approval. GLAU shall include on all copies of all or part of the Course material a reproduction of FINX' and/or its licensors' Logo, Trademark, Copyright notice and other proprietary markings or notice.

FINX shall also continue to own all and any intellectual property developed prior to or independently of this MOU.

By entering into this MOU, GLAU undertakes:

(a) To respect FINX's intellectual property.

(b) Not to use FINX's intellectual property without the prior express written consent of FINX;

(c) Ensure the confidentiality of such intellectual property of FINX enrolled students and nominated faculty,

(d) Not to use FINX's intellectual property other than for the purpose of this MOU.

GLAU agrees that it shall not gain by virtue of this MOU any rights of ownership or any other interest, right, or title in or to any copyrights, patents, trade secrets, trademarks, or any other intellectual property or proprietary rights owned by FINX. Except as otherwise explicitly agreed between the Parties, any and all works developed in the course of performing obligations pursuant to this MOU, including all intellectual property rights in or related thereto, and all new inventions, innovations, or ideas developed by FINX in the course of performance of its activities under this MOU will belong to FINX.

If the Parties undertake any joint development in the course of providing services under this MOU, any such joint development will be governed by a separate agreement to be negotiated in good faith by the parties prior to the commencement of any joint development efforts.

GLAU shall not use the name or logo of FinX Institute Limited without their prior written consent. GLAU shall not have any copyright on the study material of the Course prepared and distributed by FINX.

GLAU hereby agrees that GLAU shall be liable to pay Fees to FINX as mentioned in clause 3.2 above in cases where FinX Institute Limited name or logo is used by GLAU in accordance with other clauses mentioned in this Agreement, for marketing of the course and procuring admission of students for the courses. This clause will also be applicable if the said course is launched and commenced even though the MOU is terminated or discontinued for any reason. In case of failure by GLAU to comply with this clause, FINX shall have the right to initiate any legal proceeding before the court of law for infringement of Intellectual Property rights including but not limited to infringement of trademark or

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tradename, wrongful harm to the reputation and goodwill of FINX, claim for legal costs and expenses arising therefrom or claim for specific performance or injunctive relief, among others. This clause shall survive any expiration or termination of this Agreement.

FINX shall not use the name or logo of GLAU without GLAU's prior written consent.

It is agreed between GLAU and FINX that neither party during the course of this Agreement shall desire nor intend to transfer any intellectual property rights whatsoever with respect to any information that is proprietary. GLAU may use the logo and name of FINX for the purposes of the Courses only, by taking prior written permission from FINX for every such use.

7. CONFIDENTIALITY.

GLAU acknowledges and agrees that course contents and curriculum of the Courses are Confidential Information of FINX irrespective of whether it is labelled as Confidential / Proprietary or not. During the term of this MOU, FINX may disclose to GLAU its Confidential Information. Confidential Information shall mean all information whether marked as "Confidential" or "Proprietary" or not or information which by its nature is confidential, except such information as is (a) previously known to GLAU at the time of disclosure, or (b) independently developed by GLAU and not derived from the Confidential Information supplied by FINX or the participation of individuals who have had access to Confidential Information of FINX, (c) disclosed to GLAU by a third party without an obligation of confidentiality, or (d) in or subsequently comes into the public domain (other than as a result of a breach of this MOU), or (e) required to be disclosed by GLAU by law, regulation, court order or other legal process.

GLAU shall hold such Confidential Information in strict confidence for FINX and shall not use it for any purpose except in furtherance of the relationship set forth in this MOU, or except as it may be authorized by FINX in writing. GLAU shall further be responsible for the compliance of the foregoing by its students, employees, faculty or agents who have access to Confidential Information in relation to the purpose of this MOU.

It is hereby clarified that GLAU customarily uses the logos of its knowledge partners in the IBM flyers and information brochures **without any charge**. The Parties agree that such customary usage by GLAU shall be permitted under this Agreement subject to prior intimation to FINX."

8. TERM.

The agreement between FINX and GLAU would be effective from the execution date of this Agreement, first mentioned hereinabove **("Effective Date")** and shall be valid for a period of one (1) years thereafter. The term of this agreement may be extended by the Parties by mutual consent in writing.

9. TERMINATION.

Breach of this agreement by either of the Parties shall terminate this Agreement. In addition to this, it is mutually agreed between GLAU and FINX that either Party can give a prior notice of thirty (30) days to terminate the contract. It is further agreed between the Parties that irrespective of the termination of the contract, if the Courses are in progress, it shall be obligatory on the part of GLAU and FINX to ensure the completion of the course according to the terms and conditions of this Agreement.

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10. PERIODIC REVIEW.

The Parties agree that the persons nominated herein below as the point of contact for each party (or their respective nominees) shall meet at a frequency mutually decided by FINX and GLAU, either personally or through a teleconference to review the progress and plan the future course of action, to accomplish the objectives of this MOU as per the mutually agreed time schedule.

Point of contact of FINX:

Mr. Manish Srivastava
Fin X Institute Limited,
101, Aggarwal Corporate Tower, Plot No.23, District Centre, Rajendra Place, New Delhi 110008
Ph: +91 9310181320

Point of contact of GLAU:

Prof. Anurag Singh,
Director – IBM, GLAU University, Mathura.

11. DISPUTE RESOLUTION.

If any dispute or difference of any kind whatsoever may arise between the Parties in connection with or arising out of this agreement, FINX and GLAU shall attempt for a period of sixty (60) days after receipt of notice by the other Party of the existence of a dispute to settle such dispute in the first instance by mutual discussions between the Parties. All disputes, differences or questions arising out of this Agreement including the interpretation of the terms herein or in regard to the obligations, failure or breach of any terms thereof by either of the Party under this agreement which have not been mutually settled as per the provisions of this clause shall be referred to arbitration under the provisions of the Arbitration and Conciliation Act, 1996. The Parties shall mutually appoint an arbitrator. The language for Arbitration shall be English. The provisions of this clause shall survive the termination of this Agreement.

12. GOVERNING LAW / JURISDICTION.

The laws of India shall govern this MOU. Both parties irrevocably submit to the exclusive jurisdiction of the Courts in Mumbai, for any action or proceeding regarding this MOU. The provisions of this clause shall survive the termination of this Agreement.

13. NO PARTNERSHIP OR AGENCY.

During the period of this Agreement the relationship of the Parties are of independent contractors. It is hereby understood and agreed that this Agreement is on a Principal-to-Principal basis and neither Party shall describe itself as an agent, partner, joint-venture partner, employee, or representative of the other Party

14. RELATIONSHIPS OF THE PARTIES.

For the purposes of this MOU, both the Parties are independent contractors. Neither this MOU, nor any activities described herein, shall be construed as creating a partnership, joint venture, franchise, agency or other such relationship. Neither party is authorized, in any manner, to make any commitment on behalf of or to bind the other Party.

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15. LIMITATION OF LIABILITY:

FINX shall not be liable for any direct, indirect, incidental, special or consequential damages, or damages for loss of profits, revenue, data or use, incurred by GLAU or any third party in connection with

this MOU or the subject matter of this MOU, whether in an action in contract or tort or any other legal theory.

16. NOTICES.

All notices, requests, demands and other communications under this MOU or in connection herewith shall be given to or made upon the respective Parties as follows:

To FINX Institute:

Attention: Mr. Chandrakant Joge, Manager – Company Secretary and Legal, Finx Institute Limited, Plot No. 112, First Floor, Above Tata Croma, Near Sion Circle, Sion Koliwada Road, Sion East, , Mumbai – 400022.

To GLAU:

Attention: Mr. Ashok Kumar Singh, Registrar, GLAU University, Mathura- Delhi Road, Chaumuhan, Mathura, Uttar Pradesh 281406

Or to such other person or addresses as any of the parties shall have notified to the other party. All notices, requests, demands and other communications given or made in accordance with the provisions of this MOU shall be in writing by registered letter, fax or telegram.

17. NON-COMPETE.

GLAU, as an educational institution, may collaborate with other organisations. However, during the term of this Agreement and for 12 months thereafter, GLAU shall not (i) solicit or engage faculty members or employees of FINX involved in the Courses, or (ii) run the same Courses with any Competitor of FINX without FINX's prior written consent.

"Competitor" means any Stock Exchange in India or any institution/corporate/entity offering training in financial markets or substantially similar subjects. NON-EXCLUSIVE.

The engagement by FINX with GLAU as per the terms and conditions of this MOU shall be non-exclusive. FINX shall not be restricted, either directly or indirectly, to engage with other institutions or universities or colleges for same or similar purpose as that of this MOU.

18. NON - SOLICITATION.

During the term of this MOU and for a period of twelve (12) months thereafter, GLAU agrees not to hire, recruit, solicit or otherwise employ any employee of FINX involved in the performance of its obligations pursuant to this MOU.

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19. FORCE MAJEURE.

Neither Party shall be liable for any failure or delay in the performance of its obligations under this MOU to the extent such failure or delay or both is caused, directly or indirectly, without fault by such Party, by any reason beyond its reasonable control, including but not limited to, by fire, flood, explosion, earthquake, elements of nature, drought or bad weather, lightning or acts of God, epidemics or pandemics, acts of state, strikes, acts of war (whether declared or not), hostilities, terrorism, riots, civil disorders or commotion, lockouts, industrial disputes, rebellions or revolutions, blockages; quarantines, embargoes and other similar governmental action (each a **"Force Majeure Event"**). Any Party so delayed in its performance will immediately notify the other by telephone or by the most timely means otherwise available (to be confirmed in writing within ten (10) Business Days of the inception of such delay) and describe in reasonable detail the circumstances causing such delay with relevant documentary supporting. However, the Party claiming such event shall take all necessary steps to mitigate the delay so caused in spite of such Force Majeure Event.

20. AUTHORITY.

Each signatory to this MOU represents and warrants that he/she is duly authorized by the Party for and on whose behalf he/she is signing this MOU to execute the same in a manner binding upon said Party and that all approvals, permissions and procedures necessary for vesting such authority in him/her have been duly complied with.

21. NO WAIVER.

Either Party's failure to exercise any right under this MOU shall not constitute a waiver of any other terms or conditions of this MOU with respect to any other or subsequent breach, or a waiver by such Party of its right at any time thereafter to require exact and strict compliance with the terms of this MOU. In order to be effective, all waivers under this MOU must be in writing and signed by the waiving Party.

22. SURVIVAL.

The clauses of this MOU, including without limitation, confidentiality and intellectual property right obligations, which by their very nature ought to survive termination or expiration of this Agreement, shall so survive.

23. SEVERALTY.

If any clause or term of this MOU be declared null and void and or unconstitutional or unenforceable, such clause or term shall be modified to the extent necessary to make it valid and enforceable whilst preserving the intent of the Parties and the remaining terms and the MOU shall continue to operate and be binding on the Parties.

24. ENTIRE AGREEMENT.

This MOU, along with the schedules and exhibits, if any, attached hereto, sets forth the entire agreement between the Parties and supersedes any other prior or contemporaneous proposals, agreements and representations between them related to its subject matter, whether written or oral, between the Parties and all amendments and extensions thereof, which shall be deemed to be superseded by this Agreement. No modifications or amendments to this MOU shall be binding upon the Parties unless made in writing and duly executed by authorized officials of both Parties.

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IN WITNESS WHEREOF both the Parties through their duly authorized representatives signed this Agreement on the date first mentioned hereinabove.

SIGNED and DELIVERED for and on behalf of FINX INSTITUTE LIMITED "FINX". FINX INSTITUTE LIMITED MUMBAI **Authorized Signatory** **Name: V. Narayanan Iyer** **Title: Managing Director**	**SIGNED and DELIVERED for and on behalf of GLAU University "GLAU"** **Authorized Signatory** **Name: Mr. Ashok Kumar Singh,** **Title: Registrar** Ashok Kumar Singh Registrar GLA University
In Presence of Witness: **Name: Chandrakant Joge** **Title: Manager – CS & Legal**	**In Presence of Witness:** **Name:** _____ **Title:** _____ Prof. Dilip Kumar Sharma Dean (International Relations and Academic Collaborations) GLA University, Mathura, India

Date :- 17th October, 2025

MFMC0025: Treasury & Foreign Exchange Management

Objectives:
- To make students familiar with the concepts of Foreign Exchange and Treasury
- To Comprehend the structure and functioning of foreign exchange markets and Analyze factors influencing exchange rates and currency values.
- Gain knowledge of the basics of currency trading and learn the execution and settlement of spot and forward transactions

Credits:03 **L-T-P-I:3-0-0-0**

Text Book

- Steven M Bragg. 6th Edition. Treasury Management: The Practitioner's Guide, Wiley

Module No	Content	Teaching Hours
Module-I	**Corporate Treasury:** Introduction, Meaning, Objectives, Significance, Functions and Scope of Treasury Management, Relationship between Treasury Management and Financial Management; Role and Responsibilities of Treasurer. **Corporate Treasury Operations:** Tools of Treasury Management; Internal Treasury, Controls; Environment for Treasury Management, Corporate Regulations, Supervision and Control of Treasury Operations, Liquidity Planning and Managing Cash Assets, Liquidity risk management, Interest Rate Risk, Interest Rate Risk Management. Financial risks of a business, types of financial risks and its dimensions, Enterprise Risk Management Strategies	(15 Sessions)
Module-II	**Foreign Exchange Risk Management:** Nature, Significance and Scope of Forex Management, Foreign Exchange Market and its Structure, Foreign Exchange Rates and its Determination, Exchange Rate Quotes, Types of Exchange Rates, Forex Trading. Foreign Exchange Risk Exposures, Exchange Rate Fluctuations Exchange Rate Forecasting, Risk in Foreign Exchange Business strategies for managing the forex risk. **Special Issues:** Role of asset-liability management in success of business. Financial reporting and disclosure of treasury exposures in the annual report. Introduction to Foreign Exchange Regulation Act.	(15 Sessions)
*	**Provision for presentations / assignments / case analysis in additional sessions**	
**	**1 Session = 60 Minutes**	

Corporate

References

- Mark K Webster. 4th Edition. Essentials of Treasury Management. Association of Financial Professionals
- Karen A. Horcher. 1st Edition. Essentials of Managing Treasury. Wiley.

Course Learning Outcomes (CLO):

CLO 1 Analyze the role and functions of treasury management in financial institutions and corporations, with a focus on liquidity and risk management.
CLO 2 Evaluate foreign exchange markets and the mechanics of currency trading, hedging strategies, and exposure management.
CLO 3 Develop strategies to manage foreign exchange risks using derivatives such as forwards, options, and swaps.
CLO 4 Effectively communicate treasury and foreign exchange strategies in both written and oral formats, emphasizing regulatory compliance and ethical considerations.

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Mapping of CLOs with POs & PSOs

	PO 1	PO 2	PO 3	PO 4	PSO1	PSO2
CLO 1	-	-	-	-	-	M
CLO 2	H	-	-	-	-	-
CLO 3	-	-	H	-	-	-
CLO 4	-	H	-	-	-	-

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MFME0014: Fixed Income Securities

Objectives:
- To provide a knowledge and understanding of basic concepts and fundamentals of fixed securities markets and instruments.
- To develop application and investment decision based on risk-return and yield analysis.
- To understand the other relevant aspects of fixed securities instruments.

Credits:03 **L-T-P-I:3-0-0-0s**

Text Book

- Joydeep Sen & Abhishek Apte. 1st Edition. Fixed Income Markets in India. 2012.

References

Module No	Content	Teaching Hours
Module-I	**Fundamentals of Fixed Income securities:** Defining Elements of Fixed-Income Securities, essential features, types of instruments. **Fixed Income Markets:** Fixed-Income Markets: Issuance, Trading, and Funding. **Fixed Income Valuation:** Introduction to Fixed-Income Valuation, Interest rate risk, credit risk, and likely price behavior in hedging portfolios. **Fixed Income Risk and Returns:** Basics of Bond valuation, Relationships among a bond's price, coupon rate, maturity and market discount rate (yield-to-maturity). **Bond Price & Yield:** Bond Yield measurement for fixed-rate bonds, floating-rate notes, and money market instruments. **Term structure of Interest Rates:** Analysis of yield curves, Relationship between yields to-maturity and times-to-maturity on bonds, Yield Spread Measurement	**(15 Sessions)**
Module-II	**Fundamentals of Credit Analysis:** Assessment company's financial ability to repay its obligations. Factors affecting credit worthiness; operating margins, fixed expenses, overhead burdens, and cash flows etc. **Credit Analysis Models:** Components and valuation techniques. Frontier. **Introduction to Securitization:** Mortgages, Pass Through Certificates and other asset backed securities. **Fixed Income Portfolio Management:** considerations in managing fixed-income portfolios for both taxable and tax-exempt investors **International Portfolio Management**: Methodologies for Global Credit Bond Portfolio Management – Concepts and applications.	**(15 Sessions)**
*	**Provision for presentations / assignments / case analysis in additional sessions**	
**	**1 Session = 60 Minutes**	

- Bodie, Kane, Mohanty. 11th Edition. Investments. McGraw Hill
- Pietro Veronesi. 1st Edition. Fixed Income Securities. Wiley

Course Learning Outcomes (CLO)

CLO 1 Analyze the pricing mechanisms and risks associated with fixed-income securities

CLO 2 Evaluate the role of interest rates, yield curves, and duration in bond valuation and portfolio management

CLO 3 Construct fixed-income portfolios while considering the impact of market conditions and regulatory frameworks

CLO 4 Communicate the impact of macroeconomic factors on fixed-income markets and explain regulatory implications

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Registrar
CLA University

Mapping of CLOs with POs & PSOs

	PO 1	PO 2	PO 3	PO 4	PSO1	PSO2
CLO 1	M	-	-	-	-	-
CLO 2	-	-	-	-	-	H
CLO 3	-	-	H	-	-	-
CLO 4	-	H	-	-	-	-

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MFME0101: Security Analysis and Portfolio Management

Objectives:

- To develop an understanding of the investment alternatives that exist in the investment markets
- To develop ways of analysis of different securities.
- To train the learners to construct and analyze a portfolio of investments.

Credits:03 **L-T-P-I:3-0-0-0**

Module No	Content	Teaching Hours
Module-I	**Introduction:** The Investment Environment, Financial Markets, Investment Alternatives, Trading Procedure, Investment Approaches, Structure of Securities Market, Participants in Security Market **Regulatory Mechanism:** SEBI and its Guidelines; Investor Protection **Risk, Return & Market Efficiency** **Risk:** Meaning, Systematic vs. Unsystematic Risk, Measures of Risk – Standard Deviation, Variance, Coefficient of Variation, Beta, Value at Risk (VaR) **Return:** Meaning, Measures of Return – Total Return, Return Relative, Real Return, Cumulative Wealth Index, CAGR **Market Efficiency:** Market Efficiency, Forms, Testing for Market Efficiency **Technical Approach:** **Technical Analysis:** Meaning, Assumptions, Tenets of Dow Theory & Elliott Wave Theory, Support & Resistance **Types of Stock Charts:** Line, Bar, Candle, Point & Figure, Heikin-Ashi, Kagi, Renko; Candlestick Chart Patterns & Terminology **Technical Indicators:** Breadth & Sentiment Indicators	**(15 Sessions)**
Module-II	**Fundamental Approach:** Economy, Industry and Company Analysis, **Valuation of Equity:** Equity Valuation Models – Discounted Cash Flow Model, Two Stage Growth Model, H-Model **Portfolio Theory & Equilibrium in Capital Markets:** Portfolio Return & Risk, Efficient Frontier, Optimal Portfolio, Capital Asset Pricing Model, Single-Index and Multifactor Models, Arbitrage Pricing Theory **Portfolio Management:** Portfolio Management Process, Performance Evaluation of Existing Portfolio: Sharpe, Treynor, Jenson, Fama Measures, Sortino Measure	**(15 Sessions)**
***Provision for presentations / assignments / case analysis in additional sessions** ****1 Session = 60 Minutes**		

Text Book

- Fischer & Jordan. 7th Edition. Security Analysis & Portfolio Management. Pearson Education.

References

- Sharpe, W. 6th Edition. Investments. Prentice Hall India.
- Chandra, P. 6th Edition. Investment Analysis & Portfolio Management. Tata McGraw-Hill.
- Bodie, Zvi, K., Alex, Marcus, Alan, J. & Pitabas, M. 11th Edition. Investments. Tata McGraw-Hill.
- Jones, C. P. 14th Edition. Investment Analysis & Management. John Wiley & Sons.

FINANCIAL INSTITUTE LIMITED MUMBAI

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Course Learning Outcomes (CLO)

CLO 1 Analyze various securities and investment instruments to assess risk and return using quantitative and qualitative models
CLO 2 Evaluate portfolio performance and construct optimal portfolios using modern portfolio theory and asset allocation strategies
CLO 3 Apply ethical standards and regulatory guidelines in portfolio management and security analysis
CLO 4 Collaborate effectively in teams to develop and present investment strategies, communicating key insights to stakeholders

Mapping of CLOs with POs & PSOs

	PO 1	PO 2	PO 3	PO 4	PSO1	PSO2
CLO 1	M	-	-	-	-	-
CLO 2	-	-	-	-	-	H
CLO 3	-	-	-	-	M	-
CLO 4	-	-	H	-	-	-

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