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BENGALURU
CITY UNIVERSITY

Office of the Registrar, Central College Campus, Dr. B.R. Ambedkar Veedhi, Bengaluru – 560 001.
PhNo.080-22131385, E-mail: registrarbcu@gmail.com

No.BCU/BoS/Syllabus-PG/Commerce & Mgmt/993 /2025-26 Date: 23.09.2025

NOTIFICATION

Sub: Syllabus for the I & II Semester Post Graduate Courses in the Faculty of Commerce & Management–reg

Ref: 1. Recommendations of the Boards of Studies in the Faculty of Commerce and Management
2. Academic Council resolution No.03 dated.22.09.2025
3. Orders of Vice-Chancellor dated. 23.09.2025

****

The Academic Council in its meeting held on 22.09.2025 has approved the syllabus prepared by different Board of Studies for the I & II Semester Post Graduate Courses in the Faculty of Commerce and Management. Accordingly, the following CBCS Syllabus for the I & II Semester PG Courses of Commerce and Management Faculty are hereby notified for implementation effective from the academic year 2025-26.

Sl. No.	Programmes
1.	MBA [Day & Evening] – I & II Semester
2.	M.Com [General] – I Semester
3.	M.Com [Financial Analysis] – I Semester
4.	M.Com [Fintech] – I Semester

The detailed Syllabi for above subjects are notified in the University Website: www.bcu.ac.in for information of the concerned.

REGISTRAR

Copy to;

1. The Registrar(Evaluation), Bengaluru City University
2. The Dean, Faculty of Commerce, BCU.
3. The Principals of the concerned affiliated Colleges of BCU- through email.
4. The P.S. to Vice-Chancellor/Registrar/Registrar (Evaluation), BCU.
5. Office copy / Guard file / University Website: www.bcu.ac.in

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BENGALURU
CITY UNIVERSITY

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BE BOUNDLESS

BENGALURU CITY UNIVERSITY

2025-26 onwards

M.Com (FinTech)

(CBCS – Semester Scheme)

Department of Commerce

Jnana Jyothi Central College Campus,

Dr. Ambedkar Veedhi

Bengaluru -560 001

M.Com (Fintech)

Proceedings of BOS Meeting

Proceedings of the meeting of the BOS-PG M**.Com (FINTECH)** as per the SEP structure for the academic year 2024-25 held on 18th July 2025 at the Department of Commerce, PK Block, Bengaluru City University, Bengaluru 560009 from 11:00 AM onwards.

The board has reviewed and approved the course matrix and syllabus for first and second semesters of the above mentioned courses. The board authorized the chairman to make the necessary changes.

MEMBERS PRESENT:

1.	Dr.Jalaja .K.R	Dean and Chairperson , Department of Commerce,BCU	Chairperson
2.	Prof. Rajesh Kumar	Dean & Chairman Chanakya University, Bengaluru	Member
3.	Dr. Bhargavi	Director, Department of Commerce, Seshadripuram First Grade College , Bengaluru	Member
4.	Prof.Nirmala K	Professor,Bangalore University,Jnanabharathi Campus , Bengaluru	Member
5.	Dr.Paramashivaiah	Professor,Dept.of Commerce, Tumkur University,Tumkur	Member
6.	Dr.Srinivas K T	Associate Professor, Dept.of Studies and Research in Commerce, Davangere University, Davangere	Member
7.	Dr.S B Akash	Professor,Department of Commerce,Rani Channamma University,Belgavi	Member
8.	Dr. Chandramma M	Professor, Department of Commerce , Karnataka University, Dharwad	Member
9.	Dr. M Sumathy	Professor, Department of Commerce, Bharathiar University,Maruthamalai Road, Coimbatore	Member
10.	Dr. Poornima V	Associate Professor, SJCC Research Centre , St.Joseph's College of Commerce , Bengaluru	Member
Industry Experts			
11	Smt. Geetha	CMA Institute, Bangalore.	Member
12	Mr. Abhijeet S Jain	Chairperson, CMA Institute , Bengaluru	Member

REGULATIONS PERTAINING TO M.COM (FINTECH) COURSE UNDER CBCS SYSTEM FROM 2025-26 ONWARDS

1. OBJECTIVE:

The broad objective of the M.Com (Fintech) course is to impart to the Students, professional education and training in various aspects of business and its environment and provide them with opportunities to develop managerial and analytical skills in order to meet the challenges of business at the national and global level. The platform will also enrich the students to cope up with recent changes in business world.

2. Eligibility for Admission:

A candidate who has passed the B.Com./B.B.A./BMS Degree examination of this University or of any other University recognized as equivalent thereto and has secured not less than 50% of the marks in the aggregate in all the Commerce subjects of Business Education in all the years shall be eligible for admission to the course. In case of SC/ST/CAT-1 students and PWD Students, there will be relaxation of 5% in the minimum required percentage of marks.

3. Duration of the Course:

The course of study for M.Com (Fintech) degree shall extend over a period of two years divided into 4 (four) semesters. Each Semester will be of 16 weeks or more duration with a minimum of 90 actual working days.

4. Scheme of Instruction:

1. In each semester there will be six to seven papers (Including practicals)
2. There will be 24 to 27contact hours per week. (Including practicals)

5. Attendance:

Each course (theory/practical) shall be treated as an independent unit for the purpose of attendance. A student shall attend a minimum of 75% of the total instruction hours in a course (theory/practical) including tutorials and seminars in each semester.There shall be no provision for condonation of shortage of attendance and a student who fails to secure 75% attendance in a course, shall be required to repeat that semester.

6. Medium of Instruction:

The medium of instruction shall be English. However, a candidate will be permitted to write the examination either in English or in Kannada.

7. Registering for the Examination:

A candidate shall register for all the papers of a semester when he appears for the examination of that semester for the first time.

8. Scheme of Examination:

8.1 There shall be a University examination at the end of each semester. The maximum marks for the university examination in each paper shall be 100 as shown below:

Particulars	Course	Duration	Internal Assessment	Theory Examination	Total Marks
Subject without Practicals	M.Com (Fintech)	2 years,(4 Semesters)	30	70	100

8.2 For a subject with the practicals, theory examination will be for 50 marks and Practical Examination will be conducted for 50 marks. The practical's marks allotted done on the following basis:

- End Semester Practical Examination : 20 Marks
- Record – Problems on concepts : 20 Marks
- Viva-Voce Examination : 10 Marks
- Total Marks : 30 Marks

8.3 Each semester will normally have six (Hardcore) and one (soft core) paper and each shall be for 100marks.

8.4 (i) The composition of theory and internal assessment marks for each paper will be 70 and 30 respectively.

ii. Duration of examination per theory paper of 70 marks shall be for 3 hours, for practicals it will be 11/2(one and half) hours for each batch.

iii. Practical records will be evaluated as part of the practical examination.

iv. In case of practical examinations, students will be assessed on the basis of knowledge of processes, skills operations involved, results/calculations and reporting.

v. Practical examination will be conducted by the Board of Examiners with Pre-approved Panel of Examiners.

8.5 Every theory paper shall ordinarily consist of two/three sections, developed to test conceptual skills, understanding skills, comprehension skills, articulation, and application skills in the question paper's composition in examinations.

8.6 (i) In case of theory papers the various components of internal assessment will be as follows:

a) Assignment – 5 Marks
b) Attendance – 5 marks (75% => 80% - 1 Mark, 80% > 85% - 2 Marks, 85% > 90% - 3 Marks, 90% to 95% - 4 Marks, 95% => 5 Marks)
c) Internal Test – 20 Marks
(The test shall be for $1^{1/2}$ - hour duration carrying 40 marks. The marks scored by the candidate shall be later reduced to 20 marks).

(ii) The Departmental Council / College / Centre shall notify in the first week of each semester, scheme of internal assessment, containing the details of tests, assignments, and seminars.

(iii) Co-ordination Committee: In order to monitor IA tests there shall be Co-ordination Committee consisting of the following:

1. Chairman BOS: Chairman
2. Two Senior Faculty Members
3. Two members from affiliated colleges as recommended by the BOS
4. For **Practical** Subjects, A Viva-Voce and Practical Exam for 30 marks will be conducted by the Board of Examiners.

(iv) At least one week prior to the last working day, I.A. marks secured by the candidates shall be displayed on the notice board.

(v) The Departmental Council / College / Centre may decide to give test/seminar to candidates who absent themselves for the above, only if the Council is convinced that the absence of the candidate is on valid grounds. However, the Council will allow the candidate to avail of this provision within the duration of that semester.

(vi) The statement of internal assessment shall be sent to the Registrar (Evaluation) one week prior to the commencement of that particular semester examination.

8.7**Question Paper Pattern:**

Section – A:

Answer any Seven Questions out of Ten. Each Question Carries Two Marks (7x2=14)

Section – B:

Answer any Four Questions out of Six. Each Question Carries Five Marks (4x5=20)

Section – C:

Answer any Two Questions out of Four. Each Question Carries Twelve Marks (2x12=24)

Section – D: (Compulsory Skill-based Question on Subject / Paper)

Skill-based Question (1x12=12)

8.8 **MOOC Course & Certification Programme:**

A. The student has to undergo a certification course (in any stream of his or her choice) and in any MOOC platform such as SWAYAM, NPTEL, AICTE, CEC of 8 Weeks / 12 Weeks / 16 Weeks Programme at the beginning of the 1st semester andsubmit the certificate at the end of 2nd Semester examination compulsorily. The Grade obtained will be mentioned in the 2nd Semester Marks Card by the University after the scrutiny by the Members of Board of Studies. The college has to collect the Certificate (hard copy) and submit a list to the University.

B. Certification Programme: The student must undergo a Skill-based Training Certification Course from FKCCI / MSME / SME / KSSIC / KASSIA / BCIC and submit the certificate within the 3rd Semester examinations to the Head of the department of PG Studies. The allotment of the skill-based training program is at the beginning of the 3rd semester by doing an MOU (memorandum of understanding) with the industry in consultation with BOS and panel members. In consultation with BOS, the department should make a provision in the 3rd semester time table and allow the students to attend the Skill-based Training Certification Programme from an industry.

8.9 Every semester Industry Visit and NGO Visit is compulsory. The combined report should be submitted by students by the end of the semester.

8.10 **Capstone Project**

Note: The Research Supervisor should have a Ph.D. degree / a minimum of 10 Years of Research Experience with atleast 10 Publications in UGC Recognized Journals.

9. Board of Examiners and Valuation of Answer Scripts:

9.1 There shall be a Board of Examiners for scrutinizing and approving the question papers and scheme of valuation.

9.2 About 50% of the examiners appointed for setting of question papers and valuation work in each semester shall be external.

9.3 Each written paper shall be valued by one internal examiner and one external examiner.

9.4 If the difference in marks between two valuation is more than 15%, the Chairman, BOE shall arrange for third valuation by examiners from the approved panel of examiners.

9.5 In case of two valuations, the average of the two valuations and if there are three valuations, the average of the nearest two valuations shall be taken for declaring results. The candidates not satisfied with the results may apply for photocopies of the answer scripts and / or challenge valuation (**If University Regulations Permits**).

10. Classification of Successful candidates:

Minimum for a pass in each paper shall be 40% in Semester paper and 50% in aggregate of all the papers in that semester. The results of successful candidates at the end of each semester shall be declared on the basis of Percentage of Aggregate Marks and in terms of Grade Point Average (GPA) and alpha – sign grade. The results at the end of the fourth semester shall also be classified on the basis of Percentage of Aggregate Marks and on the basis of the Cumulative Grade Point Average (CGPA) obtained in all the four semesters and the corresponding overall alpha – sign grade. An eight-point grading system, alpha – sign grade as described below shall be adopted.

First Class with Distinction	70% and above (A+, A++ or O)
First Class	60% and above but less than 70% (A)
High Second Class	55% and above but less than 60% (B+)
Second Class	50% and above but less than 55% (B)
Pass Class	40% and above but less than 50% (C)

Eight Point Alpha – Sign Grading Scale:

Grade PointAverage	<4	4-<5	5-<5.5	5.5-<6	6-<7	7-<8	8-<9	9-10
Alpha-Sign Grade:	D	C	B	B+	A	A+	A++	O

The Grade Point Average (GPA) in a Semester and the Cumulative Grade Point Average (CGPA) at the end of fourth semester shall be computed as follows:

***Computation of Grade Point Average*(GPA):**

M.Com (Fintech)

The grade points (GP) in a course shall be assigned based on the basis of actual marks scored in that course as per the table below. They shall be generally percentages divided by 10. The Grade Point Weights (GPW) shall then be calculated as the product of the grade points earned in the course and the credits for the course. The total GPW for a semester is obtained by adding the GPW of all the courses of the semester.

ILLUSTRATION 1 (26 Credits)

Papers	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**Total**
Max. marks	100	100	100	100	100	100	100	700
% Marks Obtained	77	73	58	76	64	66	82	496
Grade Points Earned (G.P.)	7.7	7.3	5.8	7.6	6.4	6.6	8.2	-
Credits for the Course (C)	4	4	4	4	4	4	2	26
Total GPW = GP x C	30.8	29.2	23.2	30.4	25.6	26.4	16.4	182

Semester Aggregate Marks : **496 / 700 = 70.86%**

Classification of Result **:** First Class with Distinction

The GPA shall then be computed by dividing the total GPW of all the courses of study by the total credits for the semester, GPA = Total GPW / Total Credits = 182 / 26 **= 7.0**

Semester Alpha Sign Grade: **A+**

ILLUSTRATION 2 (24 Credits)

Papers	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**Total**
Max. marks	100	100	100	100	100	100	600
% Marks Obtained	67	73	78	76	84	88	466
Grade Points Earned (G.P.)	6.7	7.3	7.8	7.6	8.4	8.8	-
Credits for the Paper	4	4	4	4	4	4	24
Total GPW = GP x C	26.8	29.2	31.2	30.4	33.6	35.2	186.4

Semester Aggregate Marks: **466 / 600 = 77.67%**

Classification of Result**:** First Class with Distinction

GPA = Total GPW / Total Credits = 186.4 / 24 = **7.77**

Semester Alpha Sign Grade: **A++**

11. Calculation of Cumulative Grade Point Average (CGPA):

The Cumulative Grade Point Average (CGPA) at the end of the fourth semester shall be calculated as the weighted average of the semester GPW. The CGPA is obtained by dividing the total of GPW of all the four semesters by the total credits for the programme

ILLUSTRATION I

Semester	I	II	III	IV	Total
Total Marks per Semester	700	700	600	600	2600
Total Marks Secured	496	560	466	510	2032
Semester Alpha Sign Grade	A+	A++	A+	A++	-
Semester GPA	7.0	8.0	7.77	8.5	-
Semester Credits	26	26	24	24	100
Semester GPW	182	208	186.5	204	822.9

Aggregate Percentage of Marks = 2032 / 2600 = 78.15 **%**

Classification of Result**:** ***First Class with Distinction***

(CGPA)= Total of Semester GPW / Total Credits for the programme = 780.5 /100 = **7.805**

Programme Alpha Sign Grade: **A++**

These are the sample illustrations of computing semester grade point averages and cumulative grade point average and the alpha – sign grades assigned.

12.MINIMUM FOR A PASS:

12.1 A candidate shall be declared to have passed the PG program if he/she secures at least a CGPA of 4.0 (Course Alpha-Sign Grade C) in the aggregate of both internal assessment and semester end

examination marks put together in each unit such as Theory Papers / Practical's / Project Work / Dissertation / Viva-Voce/ Capstone project.

12.2 The candidates who pass all the semester examinations in the first attempts are eligible for ranks provided they secure at least CGPA of 6.0 (or Alpha-Sign Grade A).

12.3 The results of the candidates who have passed the fourth semester examination but not passed the lower semester examinations shall be declared as NCL (Not Completed Lower semester examinations). Such candidates shall be eligible for the degree only after completion of all the lower semester examinations.

12.4 A candidate who passes the semester examinations in parts is eligible for only Class / CGPA and Alpha-Sign Grade but not for ranking.

12.5 There shall be no minimum in respect of internal assessment.

However minimum pass in each paper shall be 40% in semester end exam (25 Marks out of 70 Marks) and 50% aggregate of all papers in that semester including practical paper.

12.6 A Candidate who fails in any of the unit / dissertation / viva-voce shall reappear in that unit / dissertation / viva-voce and pass the examination subsequently.

13. CARRY OVER PROVISION: Candidates who fail in a lower semester examination may go to the higher semesters and take the examinations.

14. REJECTION OF RESULTS:

i. A candidate who fails in one or more papers of a semester may be permitted to reject the result of the whole examination of that semester.

Rejection of result paper wise shall not be permitted. A candidate who rejects the results shallappear for the examination of that semester in the subsequent examination.

ii. Rejection shall be exercised only once in each semester and the rejection once exercised shall not be revoked.

iii. Application for rejection along with payment of the prescribed fee shall be submitted to the Registrar (Evaluation) through the department/college together with the original statement of marks within 30 days from the date of publication of the result.

iv. A candidate who rejects the result is eligible for only class and not for ranking.

15. IMPROVEMENT OF RESULTS:

i) A candidate who has passed in all the papers of a semester may be permitted to improve the result by reappearing for the whole examination of that semester.

ii) The reappearance could be permitted twice during double the period without restricting it to the subsequent examination only. The regulation governing maximum period for completing various

degree/ diploma programme notified by the University from time to time shall be applicable for improvement of results also.

iii) The student could be permitted to apply for the improvement examination 45 days in advance of the pertinent semester examination whenever held.

iv) If the candidate passes in all the subjects in reappearance, higher of the two aggregate marks secured by the candidate shall be awarded for that semester. In case the candidate fails in the reappearance, candidate shall retain the first appearance result.

v) A candidate who has appeared for improvement is eligible for class only and not for ranking.

Internal assessment marks shall be shown separately in the marks card. A candidate who has rejected the result or who, having failed, takes the examination again or who has appeared for improvement shall retain the internal assessment marks already obtained.

A candidate who fails in any of the semester examinations may be permitted to take the examinations again at a subsequent appearance as per the syllabus and scheme of examination in vogue at the time the candidate took the examination for the first time. This facility shall be limited to the following two years.

16. POWER TO REMOVE DIFFICULTIES

i) If any difficulty arises in giving effect to the provisions of these regulations, the Vice-Chancellor may by order make such provisions not inconsistent with the Act, Statutes, Ordinances or other Regulations, as appears to be necessary or expedient to remove the difficulty.

ii) Every order made under this rule shall be subject to ratification by the Appropriate University Authorities.

17. UPDATION OF SYLLABUS - The BOS has to revise the syllabus from time to time based on current trends and updations where ever it is necessary. The suggestions of faculties of commerce, considered for revision and updation of the syllabus with prior approval of BOS- PG Commerce, Faculty of Commerce and the Academic Council of the University.

APPENDIX "A"

COURSE MATRIX

I SEMESTER - M.COM (FINTECH)

SL NO	Subject	Instruction Hrs / week	Duration of Exam (Hrs)	Marks			Credits
				IA	Exam	Total	
1.1	Foundation of Financial Technology & innovation	4	3	30	70	100	4
1.2	Python for Finance (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
1.3	Mutual Fund Analysis & Distribution module (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
1.4	Corporate Finance	4	3	30	70	100	4
1.5	Governance & Global Responsibility	4	3	30	70	100	4
1.6	Global Business Environment	4	3	30	70	100	4
1.7	Business Communication & Professional Skills	3	3	30	70	100	2
I SEMESTER TOTAL OF CREDITS							26

II SEMESTER - M.COM (FINTECH)

SL NO	Subject	Instruction Hrs / week	Duration of Exam (Hrs)	Marks			Credits
				IA	Exam	Total	
2.1	Financial Analytics using R (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
2.2	Block Chain Technology and Management (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
2.3	Quantitative Techniques for Finance	4	3	30	70	100	4
2.4	Fundamental Analysis with Automation	4	3	30	70	100	4
2.5	GST & Indirect Taxation	4	3	30	70	100	4
2.6	Logistics & Marketing Management	4	3	30	70	100	4
2.7	Quantitative Aptitude & Logical Reasoning	3	3	30	70	100	2
II SEMESTER TOTAL OF CREDITS							26

III SEMESTER - M.COM (FINTECH)

SL NO	Subject	Instruction Hrs / week	Duration of Exam (Hrs)	Marks			Credits
				IA	Exam	Total	
3.1	AI & ML for Financial sector (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
3.2	Data Analytics through SPSS (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
3.3	Portfolio & Wealth Management	4	3	30	70	100	4
3.4	Technical Analysis with Automation	4	3	30	70	100	4
3.5	Entrepreneurial Ecosystem	4	3	30	70	100	4
3.6	Corporate law	4	3	30	70	100	4
3.7	Big Data Analytics	3	3	30	70	100	2
III SEMESTER TOTAL OF CREDITS							26

IV SEMESTER - M.COM (FINTECH)

SL NO	Subject	Instruction Hrs / week	Duration of Exam (Hrs)	Marks			Credits
				IA	Exam	Total	
4.1	Cyber Security for finance (Theory +Practicals)	4	3	---	T - 50 P - 50	100	4
4.2	Neo Banking , Insurance and Risk management	4	3	---	T - 50 P - 50	100	4
4.3	Organisational Behaviour	4	3	30	70	100	4
4.4	Cap stone Project	***	3	****	---	300	14
IV SEMESTER TOTAL OF CREDITS							26

Total Marks and Credits

I Sem M.Com (Fintech)	700 Marks	26
II Sem M.Com (Fintech)	700 Marks	26
III Sem M.Com (Fintech)	700 Marks	26
IV Sem M.Com (Fintech)	600 Marks	26
Total	2700 Marks	104 Credits

M.Com (Fintech)

Name of the Course : Foundation of Financial Technology and Innovation		
Course Code : 1.1	**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
CIE : 30 **SEE :** 70	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This course introduces the fundamentals of **Financial Technology (FinTech)** and its role in transforming financial services. It covers **Blockchain frameworks, cryptocurrencies, and emerging technologies** shaping the industry. Students will learn to apply **analytics tools** for financial decision-making and explore the use of **machine learning techniques** in areas such as risk management and fraud detection. The course blends theoretical foundations with practical applications to prepare students for technology-driven innovations in finance.

Course Objectives:

By the end of this course, students will be able to:

1. To learn the basic of Fintech and emerging technologies.
2. To understand the framework of block chain
3. To Learn Cryptocurrency and Block chain technology
4. To learn various analytics tools used in financial service industry
5. To learn the basic concepts of machine learning

Course Outcomes:

On successful completion of the course, the student will be able to:

CO1: Remember the Basics of Data Analysis

CO2: Understand global FinTech landscape and describe the role of banks and financial service providers in shaping and responding to innovation and disruption.

CO3: Apply the Concepts of Blockchain

CO4: Evaluate the applications of Machine Learning

MODULE 1	**Introduction to FinTech**	**10 Hrs.**

Overview of Fintech Disruptions in the area of Payments, Wealth Management, Investments, Lending, RegTech and Insurance Tech Fintech Hubs-The History of Fintech- Block chain, Wearable's and Other Emerging Technologies.

MODULE 2	**Introduction to Blockchain**	**12 Hrs.**

History of Ledger and Accounting practices, Decentralized Ledger concepts and Business rules, Basics of block chain technology: Block chain Technology Stack-Blocks-Mining-Consensus-Distributed Databases-Ethereum Smart Con Contracts-SecurityImpact of technology on insurance platforms and processes. **Future of Banking**: Open banking, challenger banks, Neobanks, Banking-as-a-Service (BaaS).

MODULE 3	**Introduction to Cryptocurrency**	**12 Hrs**

Crypto Currency: Evolution of Crypto currencies-A brief on ICO's-Block chain Frameworks Block chain Implementation: Block chain as a Financial System-Block chain for Provenance Tracking-Block chain for Interorganisational Record / Asset-keeping-Block chain for Multi-party Aggregation.

MODULE 4	**Introduction to Data Analytics**	**10 Hrs**

An Introduction to Data Analytics- Role of Analytics in the Modern World-Types of Analytics: Descriptive, Diagnostic, Predictive, Prescriptive-Data Analytics and Ethical Issues, Basics of Statistical Analysis: Descriptive and Inferential Statistics-Mean/Median/Mode-Standard Deviation/Covariance/Correlation, Basics of Python for Data Analysis: Installation of Anaconda-Data Types and Functions-Data Manipulation and Preparation, Data Visualization in Python, Sentiment Analysis..

MODULE 5	**Introduction to Machine Learning**	**14 Hrs.**

An Introduction to Machine Learning-Evolution of ML- Trends in ML-Application of Machine Learning-Best Practices of Machine Learning-Machine Learning in future-Machine Learning Algorithms: Classification-Regression-Forecasting-Clustering, Neural Networks: Perception Learning-Back propagation Learning-Object Recognition, Deep Learning – Keras:-Setting up KERAS-Creating a Neural Network-Training Models and Monitoring-Artificial Neural Networks.

Module 6	**Contemporary Issues**	**02 Hrs**

Webinars – Quiz - Online Assignments

SKILL DEVELOPMENT ACTIVITIES

1. **Explore FinTech Applications** – Study real-world cases of digital payments, online banking, and emerging financial technologies.
2. **Blockchain Hands-on Demo** – Learn how blockchain transactions work through simple simulations and examples.
3. **Cryptocurrency Basics** – Analyze the working of cryptocurrencies and their role in modern finance.
4. **Financial Analytics Practice** – Use tools like Excel or Python to support decision-making with financial data.
5. **Machine Learning in Finance** – Apply ML techniques for risk management, fraud

detection, and customer analysis.

6. **Case-Based Learning** – Work on practical case studies that connect theory with technology-driven financial solutions.

BOOKS FOR REFERENCE:

1. Susanne Chishti and Janos Barberis (2016), The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries, Wiley
2. Parag Y Arjunwadkar (2018),FinTech: The Technology Driving Disruption in the Financial Services Industry, Auerbach Publications
3. Richard Hayen, FinTech: The Impact and Influence of Financial Technology on Banking and the Finance Industry, Createspace Independent Pub.

E – Resources

- **NPTEL Online Courses** – *Blockchain Architecture, FinTech in Banking and Finance, Data Analytics for Business* (free video lectures).
- **SWAYAM Platform** – Government of India MOOCs on *Financial Markets, Digital Payments, and Emerging Technologies*.
- **Coursera** – Courses like *FinTech: Foundations & Applications*, *Blockchain Basics*, and *Machine Learning for Finance*.
- **edX** – Programs such as *FinTech Essentials (University of Hong Kong)* and *Blockchain for Business*.
- **Khan Academy – Finance & Capital Markets** – Free modules on financial principles, banking, and investment.
- **YouTube Channels** – *MIT OpenCourseWare, DataCamp, Simply Explained (Blockchain), and Analytics Vidhya*.

M.Com (Fintech)

Name of the Course : Python for Finance		
Course Code : 1.2	**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
T : 50 **P:** 50	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This course focuses on applying **Python programming** for advanced calculations, data abstraction, and output generation in financial contexts. Students will learn Python-based models and techniques that support the **design, analysis, and evaluation of financial decisions**. The course introduces **advanced machine learning applications in finance**, enabling learners to build predictive and analytical models. In addition, students will gain practical skills in creating **Excel, Web, and GUI-based trading platforms** to support financial analytics. Emphasis is placed on developing a strong foundation in **quantitative, evidence-based financial decision-making**.

Course Objectives:

By the end of this course, students will be able to:

1. To provide a broad understanding of the principles and techniques of Python coding for finance applications.
2. To get comfortable with the main elements of Python programming
3. Write and execute basic Python code to perform advanced calculation, generate outputs, create variables, abstract from data, etc.
4. To apply financial models and formulae
5. To illustrate how data analytics can improve financial decision-making. provide course description for above

Course Outcomes:

On successful completion of the course, the student will be able to:

CO1: To perform advanced calculation, generate outputs, create variables, abstract from data using python.

CO2: Learn python models and techniques that aid design, analysis and evaluation of financial decision-making.

CO3: Learn and implement advanced machine learning models in finance using python

CO4: Create Excel, Web and GUI based design for trading platforms to support analytics

CO5:Attain a broad understanding of the principles of quantitative evidence based financial decision making

MODULE 1	Python and Finance	10 Hrs.

Python- History of Python- Python Ecosystem- Technology in Finance- Rise of Real-Time Analytics- Finance and Python Syntax- Efficiency and Productivity Through Python- From Prototyping to Production- Python Deployment- Anaconda- IPython- Spyder- Algorithmic Trading- Python for Algorithmic Trading- Machine and Deep Learning.

MODULE 2	Working with Financial Data	12 Hrs.

Reading Financial Data from Different Sources- Working with Open Data Sources- Retrieving Historical Structured Data- Retrieving Historical Unstructured Data- Storing Financial Data Efficiently- The process of algorithmic trading- Moving averages- Technical analysis techniques- Crossovers- Pairs trading- Data Visualization- Two-Dimensional Plotting- One-Dimensional Data Set- Two-Dimensional Data Set- Other Plot Styles- Financial Plots- Financial Data- Regression Analysis.

MODULE 3	Models and Concepts	14 Hrs

Supervised Learning Models: An Overview- Linear Regression- Ordinary Least Squares- Regularized Regression- Logistic Regression- K-Nearest Neighbors- Linear Discriminant Analysis- Classification and Regression Trees- Ensemble Models- ANN-Based Models- ANN using sklearn- Using ANNs for supervised learning in finance- Model Performance- Over fitting and Under fitting- Cross Validation- Evaluation Metrics- Unsupervised Learning: Dimensionality Reduction- Clustering Techniques- k-means Clustering.

MODULE 4	Advanced Machine Learning Models in Finance	10 Hrs

Investigating advanced classifiers- Random Forest- Gradient Boosted Trees- XG Boost- Using stacking for improved performance- Investigating the feature importance- Investigating different approaches to handling imbalanced data- Under sampling- Oversampling- SMOTE- Bayesian hyper parameter optimization.

MODULE 5	Financial Analytics and Development	12 Hrs.

Excel Integration- Basic Spreadsheet Interaction- Scripting Excel with Python- Object Orientation and Graphical User Interfaces- Object Orientation- Basics of Python Classes- Simple Short Rate Class- Cash Flow Series Class- Graphical User Interfaces- Short Rate Class with GUI- Updating of Values- Cash Flow Series Class with GUI- Web Integration- Web Basics- Web Plotting- Static Plots- Interactive Plots- Real-Time Plots- Rapid Web Applications- Web Services.

Module 6	Contemporary Issues	02 Hrs

Webinars – Quiz - Online Assignments

SKILL DEVELOPMENT ACTIVITIES

1. **Python for Finance Practice** – Perform financial calculations, data analysis, and visualization using Python.
2. **Blockchain & Cryptocurrency Demo** – Understand blockchain frameworks through simple transaction simulations.
3. **Financial Analytics with Excel** – Use Excel for financial modeling, forecasting, and decision-making.
4. **Machine Learning Applications in Finance** – Implement basic ML models for risk assessment and fraud detection.
5. **Case Study Discussions** – Analyze real-world financial problems and present evidence-based solutions.
6. **Trading Platform Prototype** – Design a simple Excel or GUI-based model to simulate trading decisions.

BOOKS FOR REFERENCE

1. Naik, K. (2019). Hands-On Python for Finance: A Practical Guide to Implementing Financial Analysis Strategies Using Python. United Kingdom: Packt Publishing.
2. Molin, S. (2019). Hands-On Data Analysis with Pandas: Efficiently Perform Data Collection, Wrangling, Analysis, and Visualization Using Python. United Kingdom: Packt Publishing.
3. Lewinson, E. (2020). Python for Finance Cookbook: Over 50 Recipes for Applying Modern Python Libraries to Financial Data Analysis. United Kingdom: Packt Publishing.

E – Resources

- **NPTEL Online Courses** – *Blockchain Architecture, FinTech in Banking and Finance, Data Analytics for Business* (free video lectures).
- **SWAYAM Platform** – Government of India MOOCs on *Financial Markets, Digital Payments, and Emerging Technologies*.
- **Coursera** – Courses like *FinTech: Foundations & Applications*, *Blockchain Basics*, and *Machine Learning for Finance*.
- **edX** – Programs such as *FinTech Essentials (University of Hong Kong)* and *Blockchain for Business*.
- **Khan Academy – Finance & Capital Markets** – Free modules on financial principles, banking, and investment.
- **YouTube Channels** – *MIT OpenCourseWare, DataCamp, Simply Explained (Blockchain), and Analytics Vidhya*.

M.Com (Fintech)

Name of the Course : Mutual Fund Analysis & Distribution Module		
Course Code : 1.3	**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
T : 50 **P:** 50	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This course is designed to equip learners with the knowledge, analytical ability and practical skills required to evaluate mutual funds and distribute them responsibly to diverse investor segments. The program blends conceptual hands-on exercises, role plays and case studies ensuring participants can bridge theory with real-world application.

Course Objectives:

The main objectives of this course are to:

- To understand the concept, structure and role of mutual funds in the Indian financial system
- To learn the legal and regulatory framework governing mutual fund operations and distribution
- To gain proficiency in mutual fund scheme analysis, selection and performance evaluation
- To develop competency in investor profiling, suitability assessment and financial planning
- To acquire knowledge of mutual fund distribution practices, ethics and client servicing

Learning Outcomes:

On the successful completion of the course, student will be able to:

1-Understand the concept, structure and classification of mutual funds and their role in portfolio diversification-A2

2-Analyze the legal and regulatory environment governing mutual fund operations in India-A4

3-Evaluate mutual fund schemes based on performance metrics, risk parameters and suitability criteria-A5

4-Apply investor profiling techniques and recommend appropriate mutual fund products-A3

5-Create comprehensive financial plans incorporating mutual fund investments for different investor categories-A6

A1 - Remember; A2 - Understand; A3 - Apply; A4 - Analyze; A5 - Evaluate; A6 – Create

MODULE 1	Investment Landscape and Mutual Fund Structure	12 Hrs.

Investment Landscape - Investors and Financial Goals - Savings vs Investments - Asset Classes and Investment Risks - Risk Measures and Management Strategies - Behavioral Biases in Investment Decision Making - Risk Profiling Techniques - Asset Allocation Principles - Concept of Mutual Funds - Classification and Types of

Mutual Fund Schemes - Growth of Mutual Fund Industry in India - Legal Structure of Mutual Funds in India - Key Constituents: AMC, Trustees, Custodians, Registrar - Organization Structure of Asset Management Company

MODULE 2	Legal Framework and Scheme Documentation	12 Hrs.

Legal and Regulatory Framework - Role of SEBI in Mutual Fund Regulation - SEBI Mutual Fund Regulations - Role of Service Providers and AMFI - Due Diligence Process for Distributors - Investor Grievance Redress Mechanism - AMFI Code of Conduct for Intermediaries - Scheme Related Information - Scheme Information Document (SID) - Key Information Memorandum (KIM) - Statement of Additional Information (SAI) - Net Asset Value Computation - Fair Valuation Principles - Total Expense Ratio - Entry and Exit Load Impact - Dividend Distribution and Distributable Reserves

MODULE 3	Performance Analysis and Investment Services	14 Hrs

Return Calculation Methodologies - Absolute vs Annualized Returns - Risk-Adjusted Return Measures - Sharpe Ratio, Treynor Ratio, Jensen's Alpha - Standard Deviation, Beta and R-squared - Benchmark Comparison and Relative Performance - Fund Manager Analysis and Investment Style - Portfolio Analysis and Holdings Review - Performance Attribution Analysis - Fund Rating Systems and Evaluation Criteria - Expense Analysis and Cost Impact on Returns - KYC Requirements and Documentation - Fresh Purchase and Additional Investment Processes - Systematic Investment Plans (SIP) - Systematic Withdrawal Plans (SWP) - Systematic Transfer Plans (STP)

MODULE 4	Distribution Practices and Financial Planning	12 Hrs

Fund Distribution and Channel Management - Types of Distributors and Distribution Modes - Revenue Structure for Distributors - Commission Disclosure Requirements - Redemption Processes and Settlement - Nomination and Pledge Facilities - Statement of Accounts and Reporting - Investor Service Standards and Grievance Handling - Distribution Ethics and Best Practices - Mis-selling Prevention and Compliance - Financial Planning Approach to Mutual Fund Investments - Goal-based Investment Planning - Life Cycle Investment Strategies - Model Portfolio Construction for Different Investor Profiles

MODULE 5	Taxation and Contemporary Issues	10 Hrs.

Taxation of Mutual Fund Investments - Capital Gains Tax Treatment - Dividend Taxation - Securities Transaction Tax (STT) - Tax-Efficient Investment Strategies - Tax Loss Harvesting - Impact of Taxation on Investment Returns - Recent Developments in Mutual Fund Industry - ESG Investing and Sustainable Funds - Technology in Mutual Fund Distribution - Robo-Advisory and Digital Platforms - Regulatory Updates and Industry Trends - Expert lectures, online seminars – webinars

SKILL DEVELOPMENT ACTIVITIES

1. **Practice of Fund Structure Mapping**
2. **Case Study Discussions** – Analyze real-world problems and compare fund categories

BOOKS FOR REFERENCE

1. Mutual Fund Investments - Pathways to Wealth Creation by Sundar Sankaran
2. Mutual Funds in India: Marketing Strategy and Investment Practices by J.R. Varma
3. NISM Series V-A: Mutual Fund Distributors Workbook by NISM
4. Mutual Fund Industry Handbook by J.P. Morgan Asset Management
5. The Bogleheads' Guide to Mutual Funds by Taylor Larimore

E – Resources

1. NISM Official Website - www.nism.ac.in
2. AMFI Official Website - www.amfiindia.com
3. SEBI Investor Education Portal - investor.sebi.gov.in
4. Value Research Online - www.valueresearchonline.com.

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Name of the Course : Corporate Finance			
Course Code : 1.4		**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
CIE : 30	**SEE :** 70	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This course provides an in-depth exploration of advanced corporate finance concepts and practices. It is designed to enhance students' understanding of financial decision-making within a corporate setting, focusing on value maximization, risk management, and strategic financial planning. The course emphasizes practical applications through case studies and real-world examples to prepare students for dynamic roles in financial management.

Course Objectives:

1. To equip students with advanced knowledge of corporate finance theories and practices.
2. To develop analytical skills for evaluating investment opportunities and capital budgeting decisions.
3. To understand the implications of capital structure and financing choices on firm value.
4. To explore risk management techniques and their application in corporate finance.
5. To equip students with practical knowledge of corporate finance to navigate real-world financial challenges.

Course Outcomes:

On successful completion of the course, the student will be able to:

CO1: Critically evaluate advanced corporate finance theories and their applications in real-world scenarios.

CO2: Conduct comprehensive capital budgeting analyses using various techniques.

CO3: Assess the impact of different capital structures on a firm's cost of capital and overall value.

CO4: Manage corporate finance functions effectively in various organizational contexts.

CO5: Critically evaluate various dividend policies and understand their impact on shareholder wealth

CO6: Develop working capital management strategies to optimize a company's liquidity, cash flow, and operational efficiency.

MODULE 1	Financing Decisions	12 Hrs

Introduction: Financial Management: Meaning and scope- objectives of Financial Management-role and functions of finance managers. Interface of Financial Management with other functional areas, Factors influencing Financial Decisions.

Capital Structure Planning and Policy; Optimal Capital Structure: Meaning and Concept, Trade-Off-Theory v/s Pecking Order Theory, EBIT – EPS Approach – Concept & Problems. Introduction to Capital Structure

Theories: Net Income Approach, Net Operating Income Approach, The Traditional approach, Modigliani & Miller Approach - Concept & Problems.

MODULE 2	Long Term Investment Decisions	12 Hrs

Introduction to Investment Decisions: Meaning, Need and Factors, Efficient Investment Analysis, Types of investment decisions. Introduction to Capital Budgeting Decisions – Meaning, Features, Process and Factors, Capital Budgeting Techniques: Traditional and Modern Techniques, PBP,ARR, NPV v/s IRR, Incremental IRR, Modified Internal Rate of Return (MIRR) – Concept, Evaluation Criteria & Problems, Project Selection under Capital Rationing: Meaning, Types, Pros & Cons, Problems on Divisible & Indivisible Projects, Multi-Period Capital Rationing, Capital Budgeting under Inflationary Conditions.

MODULE 3	Risk Analysis in Capital Budget	12 Hrs

Risk Analysis in Capital Budgeting – Meaning, Analysis of Risk and Uncertainty, Sources and Perspectives of Risk, Measurement of Risk, Nature of Risk in Capital Budgeting Decisions, Techniques for Risk Analysis: Risk Adjusted Discount Rate, Certainty Equivalent Method, Probability Method, Sensitivity Analysis, Scenario Analysis, Simulation Analysis, Hiller Model, Break-Even Analysis, Corporate Risk Analysis, Decision Tree Analysis – Sequential Investment Decisions, Market Risk Analysis – Concept & Problems, Backward Induction Method, Utility Theory and Capital Budgeting.

MODULE 4	Corporate Restructuring	12 Hrs

Introduction to Corporate Restructuring: Mergers, Acquisitions, Takeovers, Spinoff, Synergies, Strategic Alliance, Joint Venture, Leveraged Buyouts, Management Buyouts (MBO) & Buy-in (MBI), Franchising, Intellectual Property Rights (IPRs), Sell-off, Demerger, Disinvestment v/s Divestment, Slump Sale, Reverse Merger, Equity Carveout – Concept & Types. Valuation under M&A: Discounted Cash Flow Method (DCF), Price-Earnings Ratio (P/E Ratio), EPS Approach, Enterprise-Value-to-Sales Ratio (EV/Sales), Replacement Cost Method – Concept & Problems.

MODULE 5	Dividend & Working Capital Decisions	12 Hrs

Introduction to Dividend Decisions, Meaning & Definition, Forms of Dividend, Types of Dividend Policy, Significance of Dividend, Impact of Dividend Policy on Company, Factors affecting Dividend Policy, Dividend Decision Theories – Walter's Model, Gordon's Model, MM Theory – Concept, Assumptions, Formula, Criticisms & Problems.

Introduction to Working Capital, Meaning & Definition, Types of Working Capital, Significance of Adequate Working Capital – Evils of Excess or Inadequate Working Capital – Determinants of Working Capital – Sources of Working Capital, Techniques for managing Working Capital – Concept & Problems.

SKILL DEVELOPMENT ACTIVITIES

1. Analyze a capital investment proposal for a mock company and make a recommendation using NPV, IRR, and Payback Period.
2. An spread sheet-based analysis showing various project outcomes under different scenarios.
3. Simulate a negotiation between acquiring and target companies, discussing terms such as valuation, financing, and integration.
4. Analyze real-life cases of companies' financing decisions to understand capital structure choices and factors influencing financial decisions.
5. Evaluate two competing projects using capital budgeting techniques and recommend the optimal choice based on investment analysis.
6. Research and present on the impact of strategic alliances or joint ventures, assessing potential advantages and risks.
7. Simulate different dividend policies using financial software to observe the impact on stock prices and shareholder value.

BOOKS FOR REFERENCE

1. Financial Management by I.M. Pandey, Vikas Publishing House
2. Financial Management: Theory and Practice, by Prasanna Chandra, McGraw Hill Education
3. Corporate Finance by Vishwanath S.R., Sage Publications
4. Financial Management and Policy by Van Horne and James C. Wachowicz, Pearson Education India
5. Financial Management by Khan M.Y. and Jain P.K., McGraw Hill Education
6. Fundamentals of Financial Management by Sharan Vyuptakesh, Pearson Education India
7. Strategic Financial Management by Ravi M. Kishore, Taxmann Publications
8. Financial Management Principles and Practice by Sudhindra Bhat, Excel Books India
9. Financial Management and Policy by Bhabatosh Banerjee, PHI Learning Pvt. Ltd.
10. Principles of Financial Management by S.N. Maheshwari, ultan Chand & Sons
11. Principles of Corporate Finance by Richard A. Brealey, Stewart C. Myers, and Franklin Allen, McGraw Hill Education
12. Corporate Finance by Jonathan Berk and Peter DeMarzo, Pearson
13. Financial Management: Theory and Practice by Eugene F. Brigham and Michael C. Ehrhardt, Cengage Learning
14. Fundamentals of Corporate Finance by Stephen A. Ross, Randolph W. Westerfield, and Bradford D. Jordan, McGraw Hill Education
15. Corporate Finance: A Focused Approach by Michael C. Ehrhardt and Eugene F. Brigham, Cengage Learning
16. Applied Corporate Finance by Aswath Damodaran, Wiley
17. Corporate Financial Management by Glen Arnold, Pearson
18. Corporate Finance and Investment by Richard Pike, Bill Neale, and Philip Linsley, Pearson
19. Fundamentals of Financial Management by James C. Van Horne and John M. Wachowicz Jr., Pearson

20. Advanced Corporate Finance: Policies and Strategies by Joseph P. Ogden, Frank C. Jen, and Philip F. O'Connor, Pearson

E-Resources:

- Swayam, Financial Management For Managers By Prof. Anil K. Sharma, IIT Roorkee
- Swayam, Financial Management By CA Amita Bissa, Jai Narain Vyas University, Jodhpur
- Swayam, Fundamentals of Financial Management By Dr. Rupali Bipin Sheth, Savitribai Phule Pune University, Pune
- NPTEL, Financial Management for Managers by Prof. Anil K. Sharma department of management, IIT Roorkee
- Coursera, *Corporate Finance Essentials* by the University of Illinois
- edX, *Introduction to Corporate Finance* by Columbia University

M.Com (Fintech)

Name of the Course : Governance and Global Responsibility			
Course Code : 1.5		**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
CIE : 30	**SEE :** 70	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This comprehensive course **Governance and Global Responsibility** delves into the principles, frameworks, and practices that shape responsible business conduct in the global marketplace. It encompasses five key modules designed to equip students with a robust understanding of governance models, legal and ethical challenges, risk management, and sustainability initiatives. The course explores the dynamics of corporate social responsibility (CSR) and ethical leadership, emphasizing the integration of environmental, social, and governance (ESG) factors into business strategies.

Course Objectives:

By the end of this course, students will:

1. Have a deeper understanding of governance principles and their application in global business contexts.
2. Identify, evaluate, and navigate the legal and ethical challenges faced by international businesses.
3. Implement effective corporate governance structures and risk management strategies in global operations.
4. Cultivate ethical leadership and corporate social responsibility.
5. Be able to Promote corporate sustainability and environmental governance.

Course Outcomes:

On successful completion of the course, the student will be able to:

CO1: Understand foundational concepts of governance and global responsibility.
CO2: Evaluate the role of corporate social responsibility (CSR) and sustainability in international business.
CO3: Analyse legal and ethical issues impacting international business operations.
CO4: Recognize global standards and frameworks such as ISO and the United Nations' Sustainable Development Goals (SDGs).
CO5: Explore governance challenges and opportunities in emerging markets.

MODULE 1	Foundations of Governance and Global Responsibility	12 Hrs

Governance: Definition and importance in global business. Key principles of governance: transparency, accountability, fairness. Governance models: Centralized vs. decentralized systems and Role of governance in multinational corporations (MNCs). Corporate Social Responsibility (CSR) and Sustainability: Dimensions of CSR: Economic, environmental, social. The Triple Bottom Line: Profit, People, Planet and sustainability in the context of globalization.

MODULE 2	Legal and Ethical Frameworks in International Business	12 Hrs

Legal Issues in International Business: Global legal frameworks governing international trade, Key legal challenges faced by MNCs in various jurisdictions. Ethical Issues in Global Business: Common ethical dilemmas faced by multinational corporations (e.g., bribery, corruption, labour standards) and International ethical guidelines (e.g., UN Global Compact principles). Global Standards and Frameworks: ISO standards (ISO 26000 on CSR, ISO 14001 on environmental management), United Nations' Sustainable Development Goals (SDGs) and their application in business.

MODULE 3	Corporate Governance and Risk Management in Global Operations	14 Hrs

Corporate Governance Structures (CGS): Importance and features of corporate governance in international trade, Governance models and the roles/responsibilities of boards in global firms. Cross-Border Governance Challenges: Shareholder and stakeholder management, Global regulatory frameworks for multinational corporations (e.g., IFRS, Basel III). Risk Management in International Business: Types of risks in global operations (political, financial, cultural), Risk management frameworks and mitigation strategies. Compliance and Accountability: The role of auditing, anti-corruption laws, and transparency in global governance, Key regulatory bodies (e.g.,FCPA, OECD).

MODULE 4	Global Environmental Governance and Sustainable Development	12 Hrs

Environmental Governance: Scope of environmental governance and international environmental agreements (e.g., Paris Agreement, Kyoto Protocol). Corporate Role in Environmental Policy: Cross-border environmental regulations. Climate change policies and their impact on global supply chains. Sustainability Initiatives in Global Firms: Renewable energy, carbon markets, and the green economy. Circular economy and sustainable resource management. Corporate Environmental Responsibility (CER): Best practices for CER in global markets. Corporate policies on waste, water, and biodiversity management.

MODULE 5	Ethical and Social Responsibility in Global Business	10 Hrs

Ethical Frameworks in Global Business: Cultural relativism vs. universal ethics, Corruption, bribery, and fraud in international business. Corporate Social Responsibility (CSR) in Global Supply Chains: Labor rights and ethical sourcing. Environmental sustainability in supply chain management. Human Rights and Business: International human rights frameworks (e.g., UN Guiding Principles on Business and Human Rights), Corporate responsibility to protect human rights. Ethical Leadership: Defining ethical leadership in a global context, promoting ethical decision- making and shaping corporate culture.

SKILL DEVELOPMENT ACTIVITIES

1. Case Studies
   - IKEA’s sustainability model.
   - Patagonia’s environmental responsibility strategy and Tesla’s renewable energy
   - business model.
   - Apple and Foxconn: Ethical issues in global supply chains.

- The Rana Plaza Collapse: Corporate responsibility in the fashion industry.

2. Role-Playing: Role-play scenarios of governance in centralized vs. decentralized systems.
   - Sustainability Initiatives: Create sustainability initiatives for hypothetical global firms.
   - Policy Reviews: Review and discuss international ethical guidelines and ISO standards.
3. Research Projects: Assign projects on the role of governance in multinational corporations.

BOOKS FOR REFERENCE

1. Global Governance and Corporate Responsibility in Conflict Zones (Global Issues)- by M. Feil - Palgrave Macmillan.

2. Corporate Social Responsibility, Accountability and Governance: Global Perspectives- by Istemi Demirag – Routledge Publishers.

3. Corporate Governance and Social Responsibility- by P. V. Khatri (Author)- Global Vision Publishing House.

4. Responsibility and Governance: The Twin Pillars of Sustainability (Approaches to Global Sustainability, Markets, and Governance)- by David Crowther (Editor), Shahla Seifi (Editor), Tracey Wond (Editor) – Springer

Suggested Academic Resources:

- World Bank's Corporate Governance Reports
- UN Global Compact Reports
- ISO Standards Documentation (ISO 26000, ISO 14001)
- OECD Principles of Corporate Governance
- Global Reporting Initiative (GRI) Standards on Sustainability Reporting

Recommended Readings:

1. Crane, A., & Matten, D. (2016) - Business Ethics: Managing Corporate Citizenship and Sustainability in the Age of Globalization. Oxford University Press.

2. Blowfield, M., & Murray, A. (2019) - Corporate Responsibility. Oxford University Press.

3. Stiglitz, J. E. (2017) - Globalization and Its Discontents Revisited: Anti-Globalization in the Era of Trump. W.W. Norton & Company.

4. Mallin, C. (2018) - Corporate Governance. Oxford University Press.

5. Sachs, J. D. (2015) - The Age of Sustainable Development. Columbia University Press.

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Name of the Course : Global Business Environment			
Course Code : 1.6		**Course Credits:** 4	**No. of Hours per week:** 4 Hrs.
CIE : 30	**SEE :** 70	**Total Marks :** 100	**Total No. of Teaching Hours:** 60 Hrs.

Course Description:

This course in Organizational Behaviour (OB) explores the influence of individual, group, and organizational dynamics on behaviour within organizations. It incorporates contemporary trends, technological advancements, and diverse workplace dynamics to equip students with the skills needed for the 21st-century global business environment.

Course Objectives:

By the end of this course, students will be able to:

- To familiarize the students with the concepts, functions and practices of international business.
- To enable them get global perspective on issues related to business.

Course Outcomes:

On completion of the course students should be able to explain business expansions globally and key issues related to their operations in another countries. The course focus on ability of students to demonstrate knowledge on various aspects of changing international business environment and their impact on business operations and strategies.

MODULE 1	Introduction to International Business	10 Hrs

Evolution of IB, Nature of International Business (IB). Drivers of IB. IB and domestic business comparison. Routes of globalisation, players in International Business. Barriers to International Business, Theories of IB. Mercantilism. Theory of Absolute Advantage. Theory of Comparative Advantage. Factor endowment way, the product life cycle theory, New Trade theory, natural competitive advantage – usefulness of theories.

MODULE 2	International Business Environment	14 Hrs

Socio-Cultural environment - Introduction, customs and practices – cross cultural literacy – Managing Diversified culture. Economic Environment – Introduction - protectionism International institutions. Political environment – democracy – totalitarianism – political risk, national security – retaliation – protecting consumers –strategic trade policy. Technological environment – impact of technology on society, economy, industry – increased productivity – Nature of technology transfer – stages in transfer process – international technological issues.

MODULE 3	International Trade Laws and Regulations	12 Hrs

International sales – sales contracts, conventions on contracts, remedies for breach of contracts, cultural influences on contracts, documentary sales and terms of trade, shipping terms and the risk of loss, carriage of goods, liabilities of carriers. Bank collections, trade finance and Letter of Credit.(Concepts only)

MODULE 4	International Legal Environment	14 Hrs

WTO Dispute settlement, dumping, antidumping measures, non-discrimination, MFN Trade and rational treatment. Laws governing access to foreign markets – technical barriers to trade, import licensing procedures, government procurement, trade in services, trade in agriculture, imports, customs and tariffs. Labour and employment discrimination law, environmental law.

MODULE 5	Government and Foreign Trade	12 Hrs

Introduction - State Trading Corporation – commodity boards, commercial treaties – trade agreements – counter trade. INDIA AND INTERNATIONAL TRADING ORGANISATIONS : WTO, UNCTAD. Regional Trading Blocks, EEC, SAARC, ASEAN, NAFTA, BRICS Other trading blocks.

Reference Books:

1.Richard M. Schaffer etal, International Business Law and its environment, Thomson 2002.

2. Miller, Roger LeRoy, Cross, Frank B, ―Legal Environment Today: Business in Its Ethical, Regulatory & International Setting‖, South-Western Thomson Learning, 1998.

3. Vadilal : India’s Foreign Trade

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Name of the Course : Business Communication and Professional Skills		
Course Code : 1.7	**Course Credits:** 3	**No. of Hours per week:** 4 Hrs.
CIE : 30 **SEE :** 70	**Total Marks :** 100	**Total No. of Teaching Hours:** 45 Hrs.

Course Objectives:

- To develop effective interpersonal communication skills for building and maintaining professional relationships in the workplace.
- To write clear, concise, and professional business documents, including emails, memos, letters, and reports.
- To improve oral communication skills, including active listening, public speaking, and delivering persuasive presentations.

Course Outcomes:

After the course completion the students will be able to demonstrate proficiency in writing business documents, including emails, memos, letters, reports, and proposals. It will improve their verbal communication skills, including active listening, public speaking and the ability to express ideas clearly and acquire the skills to navigate interpersonal relationships within the business context, including conflict resolution, negotiation, and building positive professional relationships.

MODULE 1	Introduction to Business Communication	10 Hrs

Meaning and Introduction • Importance of communication • The nature of communication o The process of communication and Communication principles. • Using communication networks o Formal communication networks o Informal communication networks. • Types of communication- ○ Verbal ○ Non-verbal, ○ Written communication ○ Visual communication • Business Communications- ○ Meaning, Functions, Key Stakeholders.

MODULE 2	Listening Skills and Reading Skills	5 Hrs

Listening Skills • Introduction • Listening v/s hearing • Listening styles • Techniques for effective listening and note taking. (Activity Based). Reading Skills • Introduction • Benefits of effective reading • Basic steps to effective reading • Methods of reading, (Activity Based).

MODULE 3	Verbal and Written communication skills:	12 Hrs

Verbal Communication ● Introduction ● Speaking skills — Pronunciation, Enunciation, Vocabulary, Fluency and common errors ● Types ○ Face to face Communication — introducing yourself/others, engaging in effective/meaningful conversations ○ Group Discussions and personal interviews — etiquette and mannerisms. ○ Team Meetings and Conferences — Preparing powerpoint slides, asking concise questions, Reflecting the purpose and comments of others, Focus on the audience ○ Public speaking — art of persuasion, storytelling techniques, delivering different types of speeches ○ Telephonic communication – etiquette, beginning and ending a conversation Written Communication • Introduction • The Writing Process • Effective Writing Strategies • Different Modes of Writing — Drafting Resume and covering letter, E-mails, Memorandums, Circulars, Persuasive Messages, and Business Proposals. • Writing Summaries of meetings, conferences, and speeches

Module 4	**Interpersonal communication**	**12 Hrs**

Introduction to Intrapersonal and Interpersonal Communication • Intrapersonal Communication — concept of the self & communicating with self • Interpersonal Communication — Meaning, elements and types Building positive interpersonal relationships • Communicating with teams and giving praise • Dealing with criticism — Offering constructive criticism and responding to criticism • Managing conflicts — Approaches to conflicts and handling conflicts • Negotiating skills — Negotiation styles, outcomes and usage of appropriate negotiating style • Problem-solving communication — Systematic problem-solving, stages in group problemsolving and decision-making methods • Building positive organizational culture through internal communications • Effective communications in groups and teams — recognise both group and personal goals, promote desirable norms, promoting optimal level of cohesiveness, avoiding excessive conformity and encourage creativity Intercultural and International Communication • Crisis communication — Meaning, Role, Types & Effective crisis communication

Module 5	**Contemporary Digital Communication Tools**	**8 Hrs**

Platforms • Basic Virtual Platforms — Zoom, Google Meet, Cisco WebEx, MS Teams • Instant messaging • Chatbots, Web calling Social Media • Introduction to Social Media websites • Social media ethics and etiquette • Effective ways of using social media

BOOKS FOR REFERENCE

1.Chrissie Wright, Practical Communication Skills , Jaico publications.
2. Shirley Taylor, Model Business Letters, E-mails & Other Business Documents, Pearson Education.

3. Ronald B. Alder and Jeanne Marquardt ,Communicating at Work , 8th edition , Mc Graw Hill Publications.

4. Sanjay Kumar and Pushp Latha, Communication Skills ,3rd Edition ,Oxford University Press.