


UNIVERSITY OF MUMBAI
No. UG/107 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com. (Financial Markets) degree programme vide this office Circular No. UG/27 of 2015 dated 22nd July, 2015 the Principals of affiliated Colleges in Commerce are hereby informed that the approved by the Academic Council at its meeting held on 24th June, 2016 vide item No. 4.78 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for B.Com (Financial Markets))for (Sem. I to VI) - Course Structure (Sem. I & II), which is available on the University's web site (www.mu.ac.in) and that the same has been brought into force with effect from the academic year 2016-17.

MUMBAI – 400 032
October, 2016


(Dr.M.A. Khan)
REGISTRAR

To,


The Principals of affiliated Colleges in Commerce and the Heads of recognized Institutions concerned.

A.C/4.78 /24/06/2016

No. UG/107-A of 2016-17 MUMBAI-400 032 25 October, 2016

Copy forwarded with compliments for information to:-

- 1) The Dean, Faculty of Commerce,
- 2) The Director, Board of College and University Development,
- 3) The Controller of Examinations,
- 4) The Professor-cum- Director, Institute of Distance and Open Learning (IDOL),
- 5) The Co-Ordinator, University Computerization Centre.


(Dr.M.A. Khan)
REGISTRAR

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AC 24-06-2016

Item No. 4.78

University of Mumbai



**B.Com. (Financial Markets)
Programme
Three Year Integrated Programme-
Six Semesters
*Course Structure***

Under Choice Based Credit System

**To be implemented from Academic Year- 2016-2017
Progressively**

Board of Studies-in-Accountancy, University of Mumbai

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

F.Y.B.Com.(Financial Markets)

(To be implemented from Academic Year- 2016-2017)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1	Financial Accounting- I	03	1	Financial Accounting- II	03
2	Introduction to Financial system	03	2	Principles of Management	03
3	Business Mathematics	03	3	Business Statistics	03
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)		2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - I	03	4	Business Communication - II	03
2B	*Skill Enhancement Courses (SEC)		2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02	5	Any one course from the following list of the courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Business Environment	03	6	Environmental Science	03
7	Business Economics - I	03	7	Computer Skills - I	03
Total Credits		20	Total Credits		20

*List of Skill Enhancement Courses (SEC) for Semester I (Any One)		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)	
1	Foundation Course - I	1	Foundation Course - II
2	Foundation Course in NSS - I	2	Foundation Course in NSS - II
3	Foundation Course in NCC - I	3	Foundation Course in NCC - II
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II

Note: Course selected in Semester I will continue in Semester II

S.Y.B.Com. (Financial Markets)

(To be implemented from Academic Year- 2017-2018)

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
1	<i>Elective Courses (EC)</i>		1	<i>Elective Courses (EC)</i>	
1, 2 & 3	*Any three courses from the following list of the courses courses	09	1,2 & 3	*Any three courses from the following list of the courses	09
2	<i>Ability Enhancement Courses (AEC)</i>		2	<i>Ability Enhancement Courses (AEC)</i>	
4	Taxation	02	4	Computers in Investment	02
3	<i>Core Courses (CC)</i>		3	<i>Core Courses (CC)</i>	
5	Management Accounting	03	5	Corporate Finance	03
6	Business Law-1	03	6	Business Law-2	03
7	Money Market	03	7	Foreign Exchange Markets	03
Total Credits		20	Total Credits		20

<i>*List of Discipline Related Elective(DRE) Courses for Semester III (Any Three)</i>		<i>*List of Discipline Related Elective(DRE) Courses for Semester IV (Any Three)</i>	
1	Debt Markets-1	1	Debt Markets-2
2	Equity Markets-1	2	Equity Markets-2
3	Commodities Markets	3	Commodities Derivatives
4	Investment Banking	4	Merchant Banking
5	Treasury Management	5	Personal Financial Planning
<i>Note: Course/ Subject selected in Semester III will continue in Semester IV</i>			

T.Y.B.Com. (Financial Markets)

(To be implemented from Academic Year- 2018-2019)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
1	<i>Elective Courses (EC)</i>		1	<i>Elective Courses (EC)</i>	
1,2,3 & 4	*Any four courses from the following list of the courses	12	1,2,3 & 4	*Any four courses from the following list of the courses	12
2	<i>Core Courses (CC)</i>		2	<i>Core Courses (CC)</i>	
5	Corporate Accounting	04	5	Corporate Restructuring	04
3	<i>*Project Work</i>		3	<i>*Project Work</i>	
6	Project Work I	04	6	Project Work II	04
Total Credits		20	Total Credits		20

Note: Project work is considered as a special course involving application of knowledge in solving/analyzing/exploring a real life situation/ difficult problem. Project work would be of 043 credits. A project work may be undertaken in any area of Elective Courses/ study area

<i>*List of Elective Courses for Semester V (Any Four)</i>		<i>*List of Elective Courses for Semester VI (Any Four)</i>	
1	Treasury Management	1	Venture Capital and Private Equity
2	Technical Analysis	2	Mutual Fund Management
3	Financial Derivatives	3	Financial Journalism
4	Organisational Behaviour	4	Strategic Corporate Finance
5	Marketing for financial services	5	Econometrics for Finance
6	Financial Analysis and Business Valuation	6	Security Analysis & Portfolio Management
Note: Course/ Subject selected in Semester V will continue in Semester VI			

University of Mumbai



**Revised Syllabus
and
Question Paper Pattern
of Courses
of
B.Com. (Financial Markets)
Programme
First Year
*Semester I and II***

**Under Choice Based Credit, Grading and
Semester System**

To be implemented from Academic Year- 2016-2017

Board of Studies-in-Accountancy, University of Mumbai

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

F.Y.B.Com.(Financial Markets)

(To be implemented from Academic Year- 2016-2017)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1	Financial Accounting - I	03	1	Financial Accounting - II	03
2	Introduction to Financial Systems	03	2	Principles of Management	03
3	Business Mathematics	03	3	Business Statistics	03
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)		2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication - I	03	4	Business Communication - II	03
2B	*Skill Enhancement Courses (SEC)		2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02	5	Any one course from the following list of the courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Business Environment	03	6	Environmental Science	03
7	Business Economics - I	03	7	Computer Skills - I	03
Total Credits		20	Total Credits		20

*List of Skill Enhancement Courses (SEC) for Semester I (Any One)		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)	
1	Foundation Course - I	1	Foundation Course- II
2	Foundation Course in NSS- I	2	Foundation Course in NSS - II
3	Foundation Course in NCC- I	3	Foundation Course in NCC - II
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II
Note: Course selected in Semester I will continue in Semester II			

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

(To be implemented from Academic Year- 2016-2017)

Semester I

No. of Courses	Semester I	Credits
1	<i>Elective Courses (EC)</i>	
1	Financial Accounting - I	03
2	Introduction to Financial Systems	03
3	Business Mathematics	03
2	<i>Ability Enhancement Courses (AEC)</i>	
2A	<i>Ability Enhancement Compulsory Course (AECC)</i>	
4	Business Communication - I	03
2B	<i>*Skill Enhancement Courses (SEC)</i>	
5	Any one course from the following list of the courses	02
3	<i>Core Courses (CC)</i>	
6	Business Environment	03
7	Business Economics - I	03
Total Credits		20

<i>*List of Skill Enhancement Courses (SEC) for Semester I (Any One)</i>	
1	Foundation Course - I
2	Foundation Course in NSS - I
3	Foundation Course in NCC - I
4	Foundation Course in Physical Education - I

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Elective Courses (EC)

1. Financial Accounting - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Nature and purpose of Accounting	10
2	Books of Accounts	15
3	Introduction to Financial Statements	15
4	Preparation of Final Accounts	20
Total		60

Sr. No.	Modules / Units
1	Nature, Purpose of Accounting
	Meaning and scope of Accounting: Need, development & Definition of Accounting, persons interest in Accounting disclosure, branches of accounting Accounting concepts and Accounting Standards
2	Books of Accounts
	Journals, ledger, subsidiary books Trial Balance, Financial Accounting framework
3	Introduction to Financial Statements
	Bank Reconciliation statements Treatment of Capital & Revenue Depreciation Accounting; methods of recording depreciation and methods of providing depreciation as per AS-4
4	Preparation of Final Accounts
	Final Accounts of Sole Traders- Manufacturing Account, Trading, Profit & Loss Account and Balancesheet Final Accounts of Partnership Firm, Manufacturing Account, Trading, Profit & Loss Account and Balancesheet

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Elective Courses (EC)

2.Introduction to Financial Systems

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Overview of Financial System	15
2	Financial Markets	15
3	Financial Regulators	15
4	Financial Instruments	15
Total		60

Sr. No.	Modules / Units
1	Overview of Financial System
	An introduction to the financial system, Overview of financial system, Functions of a financial system, Evolution of financial systems (capital market oriented), Financial systems in India compared with those in developed nations and developing nations, Constituents of the financial system and interrelationships between various components
2	Financial Markets
	Capital markets, Money Markets, Foreign Exchange Market, Commodity Markets, Derivative Markets, Meaning, classification and structure, sub-segments, Role played, participants
3	Financial Regulators
	Meaning and features of financial regulators, Role and functions of financial regulators, Kinds of financial regulators, markets regulated by each regulator
4	Financial Instruments
	Meaning and classification of financial instruments (multiple ways of classifying financial instruments), Types of financial instruments, Evaluation of financial instruments (risk return trade-off), Characteristics of financial instruments, New financial instruments

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Elective Courses (EC)

3. Business Mathematics

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Ratio, Proportion and Percentage	15
2	Profit and Loss	15
3	Interest and Annuity	15
4	Shares and Mutual Fund	15
Total		60

Sr. No.	Modules / Units
1	Ratio, Proportion and Percentage
	Ratio- Definition, Continued ratio, Inverse Ratio, Proportion - Continued proportion, Direct proportion, Inverse proportion, Variation - Inverse variation, Joint variation Percentage- Meaning and computation of percentage
2	Profit and Loss
	Terms and formulae, Trade discount, Cash discount, problems involving cost price, selling price, trade discount, cash discount. Introduction to Commission and brokerage – problems on commission and brokerage
3	Interest and Annuity
	Simple interest, compound interest, Equated monthly instalments, reducing balance and flat rate of interest Annuity immediate- present value and future value Stated annual rate and effective annual rate
4	Shares and Mutual Fund
	Shares- Concept, face value, market value, dividend, Equity shares, preference shares, bonus shares, Mutual Fund- Simple problems on calculation of net income after considering entry load, exit load, dividend, change in net asset value

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017

4. Business Communication - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Theory of Communication	10
2	Obstacles to Communication in Business World	10
3	Business Correspondence	12
4	Language and Writing Skills	13
Total		45

Sr. No.	Modules / Units
1	<p>Theory of Communication</p> <p>Concept of Communication: Meaning, Definition, Process, Need, Feedback Emergence of Communication as a key concept in the Corporate and Global world Impact of technological advancements on Communication</p> <p>Channels and Objectives of Communication: Channels- Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine</p> <p>Objectives of Communication: Information, Advice, Order and Instruction, Persuasion, Motivation, Education, Warning, and Boosting the Morale of Employees (A brief introduction to these objectives to be given)</p> <p>Methods and Modes of Communication: Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non-verbal Communication, Business Etiquette Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax] Computers and E- communication Video and Satellite Conferencing</p>
2	<p>Obstacles to Communication in Business World</p> <p>Problems in Communication /Barriers to Communication: Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers</p> <p>Listening: Importance of Listening Skills, Cultivating good Listening Skills – 4</p> <p>Introduction to Business Ethics: Concept and Interpretation, Importance of Business Ethics, Personal Integrity at the workplace, Business Ethics and media, Computer Ethics, Corporate Social Responsibility Teachers can adopt a case study approach and address issues such as the following so as to orient and sensitize the student community to actual business practices: Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-waste, Human Rights Violations and Discrimination on the basis of gender, race, caste, religion, appearance and sexual orientation at the workplace Piracy, Insurance, Child Labour</p>
3	<p>Business Correspondence</p> <p>Theory of Business Letter Writing: Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing,</p> <p>Personnel Correspondence: Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]</p>

Sr. No.	Modules / Units
4	Language and Writing Skills
	<p>Commercial Terms used in Business Communication</p> <p>Paragraph Writing: Developing an idea, using appropriate linking devices, etc Cohesion and Coherence, self-editing, etc [Interpretation of technical data, Composition on a given situation, a short informal report etc.]</p> <p>Activities</p> <ul style="list-style-type: none"> ▪ Listening Comprehension ▪ Remedial Teaching ▪ Speaking Skills: Presenting a News Item, Dialogue and Speeches ▪ Paragraph Writing: Preparation of the first draft, Revision and Self – Editing, Rules of spelling. ▪ Reading Comprehension: Analysis of texts from the fields of Commerce and Management

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Skill Enhancement Courses (SEC)

5. Foundation Course - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Overview of Indian Society	05
2	Concept of Disparity- 1	10
3	Concept of Disparity-2	10
4	The Indian Constitution	10
5	Significant Aspects of Political Processes	10
	Total	45

Sr. No.	Modules / Units
1	Overview of Indian Society
	Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender; Appreciate the concept of linguistic diversity in relation to the Indian situation; Understand regional variations according to rural, urban and tribal characteristics; Understanding the concept of diversity as difference
2	Concept of Disparity- 1
	Understand the concept of disparity as arising out of stratification and inequality; Explore the disparities arising out of gender with special reference to violence against women, female foeticide (declining sex ratio), and portrayal of women in media; Appreciate the inequalities faced by people with disabilities and understand the issues of people with physical and mental disabilities
3	Concept of Disparity-2
	Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism; Examine the causes and effects of conflicts arising out of regionalism and linguistic differences
4	The Indian Constitution
	Philosophy of the Constitution as set out in the Preamble; The structure of the Constitution-the Preamble, Main Body and Schedules; Fundamental Duties of the Indian Citizen; tolerance, peace and communal harmony as crucial values in strengthening the social fabric of Indian society; Basic features of the Constitution
5	Significant Aspects of Political Processes
	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Skill Enhancement Courses (SEC)

5.Foundation Course in NSS - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to NSS	10
2	Concept of Society and Social Issues in India	15
3	Indian Constitution and Social Justice	10
4	Human Personality and National Integration	10
	Total	45

Sr. No.	Modules / Units
1	Introduction to NSS
	<p>Introduction to National Service Scheme(NSS) Orientation and structure of National Service Scheme(NSS) National Service Scheme(NSS)- its objectives The historical perspective of National Service Scheme(NSS) National Service Scheme(NSS)- Symbol and its meaning National Service Scheme(NSS)- its hierarchy from national to college level</p> <p>National Service Scheme(NSS) Regular activities Distribution of working hours- Association between issues and programs- community project- urban rural activities, Association- modes of activity evaluation</p>
2	Concept of Society and Social Issues in India
	<p>History and philosophy of social sciences in India Concept of society- Development of Indian society - Features of Indian Society- Division of labour and cast system in India</p> <p>Basic social issues in India Degeneration of value system, Family system, Gender issues, Regional imbalance</p>
3	Indian Constitution and Social Justice
	<p>Indian Constitution Features of Indian Constitution - Provisions related to social integrity and development</p> <p>Social Justice Social Justice- the concept and its features Inclusive growth- the concept and its features</p>
4	Human Personality and National Integration
	<p>Dimensions of human personality Social Dimension of Human personality- Understanding of the society Physical Dimension of Human personality- Physical Exercise, Yoga, etc.</p> <p>National integration & Communal Harmony National Integration- its meaning, importance and practice Communal Harmony- its meaning, importance and practice</p>

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Skill Enhancement Courses (SEC)

5.Foundation Course in NCC - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to NCC, National Integration & Awareness	10
2	Drill: Foot Drill	10
3	Adventure Training, Environment Awareness and Conservation	10
4	Personality Development and Leadership	10
5	Specialized Subject: Army/ Navy/ Air	05
	Total	45

Sr. No.	Modules / Units
1	Introduction to NCC, National Integration & Awareness
	<p>Desired outcome: The students will display sense of patriotism, secular values and shall be transformed into motivated youth who will contribute towards nation building through national unity and social cohesion.</p> <ul style="list-style-type: none"> • Genesis, Aims, Objectives of NCC & NCC Song • Organisation & Training • Incentives & Benefits • Religions, Culture, Traditions and Customs of India • National Integration: Importance and Necessity • Freedom Struggle
2	Drill: Foot Drill
	<p>Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes.</p> <ul style="list-style-type: none"> • General and Words of Command • Attention, Stand at Ease and Stand Easy, Turning and Inclining at the Halt • Sizing, Forming Up in Three Ranks and Numbering, Open and Close Order March and Dressing • Saluting at the Halt, Getting On Parade, Dismissing and Falling Out • Marching, Length of Pace and Time of Marching in Quick Time and Halt, Slow March and Halt • Turning on the March and Wheeling. • Saluting on the March. • Formation of squad and Squad Drill.
3	Adventure Training, Environment Awareness and Conservation
	<p>Adventure Training</p> <p>Desired outcome: The students will overcome fear & inculcate within them the sense of adventure , sportsmanship , esprit-d-corp and develop confidence , courage , determination, diligence and quest for excellence.</p> <ul style="list-style-type: none"> • Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc <p>Environment Awareness and Conservation</p> <p>Desired outcome: The student will be aware of the conservation of natural resources and protection of environment.</p> <ul style="list-style-type: none"> • Natural Resources – Conservation and Management • Water Conservation and Rainwater Harvesting

Sr. No.	Modules / Units
4	Personality Development and Leadership
	<p>Desired outcome: The student will develop an all-round personality with adequate leadership traits to deal / contribute effectively in life.</p> <ul style="list-style-type: none"> • Introduction to Personality Development • Factors Influencing /Shaping Personality: Physical, Social, Physiological, Philosophical and Psychological • Self Awareness Know yourself/ Insight • Change Your Mind Set • Communication Skills: Group Discussion / Lecturettes (Public Speaking) • Leadership Traits • Types of Leadership
5	Specialized Subject: Army Or Navy Or Air
	<p><u>Army</u></p> <p>Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces. It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects</p> <p>A. Armed Force</p> <ul style="list-style-type: none"> • Basic organisation of Armed Forces • Organisation of Army • Badges and Ranks <p>B. Introduction to Infantry and weapons and equipments</p> <ul style="list-style-type: none"> • Characteristics of 7.62mm SLR Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning <p>C. Military history</p> <ul style="list-style-type: none"> • Biographies of renowned Generals (Carriapa / Sam Manekshaw) • Indian Army War Heroes- PVCs <p>D. Communication</p> <ul style="list-style-type: none"> • Types of Communications • Characteristics of Wireless Technologies (Mobile, Wi-Fi etc.) <p style="text-align: center;">OR</p> <p><u>Navy</u></p> <p>A. Naval orientation and service subjects</p> <ul style="list-style-type: none"> • History of the Indian Navy-Pre and Post Independence, Gallantry award winners • Organization of Navy- NHQ, Commands, Fleets, Ships and shore establishments • Types of Warships and their role • Organization of Army and Air Force- Operational and Training commands • Ranks of Officers and Sailors, Equivalent Ranks in the Three Services <p>B. Ship and Boat Modelling</p> <ul style="list-style-type: none"> • Principles of Ship Modelling • Maintenance and Care of tools

Sr. No.	Modules / Units
	<p>C. Search and Rescue</p> <ul style="list-style-type: none"> • SAR Organization in the Indian ocean <p>D. Swimming</p> <p>Floating for three minutes and Free style swimming for 50 meters</p> <p style="text-align: center;">OR</p> <p>AIR</p> <p>A. General Service Knowledge</p> <ul style="list-style-type: none"> • Development of Aviation • History of IAF <p>B. Principles of Flight</p> <ul style="list-style-type: none"> • Introduction • Laws of Motion • Glossary of Terms. <p>C. Airmanship</p> <ul style="list-style-type: none"> • Introduction • Airfield Layout • Rules of the Air • Circuit Procedure • ATC/RT Procedures • Aviation Medicine <p>D. Aero- Engines</p> <ul style="list-style-type: none"> • Introduction to Aero-engines

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Skill Enhancement Courses (SEC)

5.Foundation Course in Physical Education - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Basic Relevant concepts in Physical Education	10
2	Components of Physical Fitness	15
3	Testing Physical Fitness	10
4	Effect of Exercise on various Body System	10
Total		45

Sr. No.	Modules / Units
1	Introduction to Basic Relevant concepts in Physical Education
	<ul style="list-style-type: none"> • Dimensions and determinants of Health, Fitness & Wellness • Concept of Physical Education and its importance • Concept of Physical Fitness and its types • Concept of Physical Activity, exercise and its types & benefits
2	Components of Physical Fitness
	<ul style="list-style-type: none"> • Concept of components of Physical Fitness • Concept and components of HRPF • Concept and components of SRPF • Importance of Physical Education in developing physical fitness components.
3	Testing Physical Fitness
	<ul style="list-style-type: none"> • Tests for measuring Cardiovascular Endurance • Tests for measuring Muscular Strength & Endurance • Tests for measuring Flexibility • Tests for measuring Body Composition
4	Effect of Exercise on various Body System
	<ul style="list-style-type: none"> • Effect of exercises on Musculoskeletal system • Effect of exercises on Circulatory System • Effect of exercises on Respiratory System • Effect of exercises on Glandular System

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Core Courses (CC)

6.Business Environment

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Business and its Environment	15
2	Business and Society	15
3	Contemporary Issues	15
4	International Environment	15
Total		60

Sr. No.	Modules / Units
1	Business and its Environment
	a) Business Objectives, Dynamics of Business and its Environment, Types of Business Environment b) Environmental Analysis: Importance, Factors, PESTEL Analysis, SWOT Analysis
2	Business and Society
	a) Business Ethics: Nature and Scope of Ethics, Ethical Dilemmas, Corporate Culture and Ethical Climate b) Development of Business Entrepreneurship: Entrepreneurship and Economic Development, Micro, Small and Medium Enterprises Development (MSMED) Act, 2006, Entrepreneurship as a Career Option c) Consumerism and Consumer Protection: Consumerism in India, Consumer Protection Act 1986
3	Contemporary Issues
	a) Corporate Social Responsibility and Corporate Governance: Social Responsibility of Business, Ecology and Business, Carbon Credit b) Social Audit: Evolution of Social Audit, Benefits of Social Audit, Social Audit v/s Commercial Audit
4	International Environment
	a) Strategies for going Global: MNCs and TNCs, WTO b) Foreign Trade in India- Balance of Trade, FDI Investment Flows and its Implication for Indian Industries

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester I
with Effect from the Academic Year 2016-2017**

Core Courses (CC)

7. Business Economics - Paper I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction	10
2	Demand Analysis	10
3	Supply and Production Decisions and Cost of Production	15
4	Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition	15
5	Pricing Practices	10
	Total	60

Sr. No.	Modules / Units
1	Introduction
	<p>Scope and Importance of Business Economics - basic tools- Opportunity Cost principle- Incremental and Marginal Concepts. Basic economic relations - functional relations: equations- Total, Average and Marginal relations- use of Marginal analysis in decision making, The basics of market demand, market supply and equilibrium price- shifts in the demand and supply curves and equilibrium</p>
2	Demand Analysis
	<p>Demand Function - nature of demand curve under different markets Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional)- relationship between elasticity of demand and revenue concepts Demand estimation and forecasting: Meaning and significance - methods of demand estimation: survey and statistical methods <i>(numerical illustrations on trend analysis and simple linear regression)</i></p>
3	Supply and Production Decisions and Cost of Production
	<p>Production function: short run analysis with Law of Variable Proportions- Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs- Long run production function and Laws of Returns to Scale - expansion path - Economies and diseconomies of Scale. Cost concepts: Accounting cost and economic cost, implicit and explicit cost, fixed and variable cost - total, average and marginal cost - Cost Output Relationship in the Short Run and Long Run <i>(hypothetical numerical problems to be discussed)</i>, LAC and Learning curve - Break even analysis <i>(with business applications)</i></p>
4	Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition
	<p>Short run and long run equilibrium of a competitive firm and of industry - monopoly - short run and long- run equilibrium of a firm under Monopoly Monopolistic competition:Equilibrium of a firm under monopolistic competition, debate over role of advertising <i>(topics to be taught using case studies from real life examples)</i> Oligopolistic markets: key attributes of oligopoly - Collusive and non collusive oligopoly market - Price rigidity - Cartels and price leadership models <i>(with practical examples)</i></p>
5	Pricing Practices
	<p>Cost oriented pricing methods: cost – plus (full cost) pricing, marginal cost pricing, Mark up pricing, discriminating pricing, multiple – product pricing - transfer pricing <i>(case studies on how pricing methods are used in business world)</i></p>

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

(To be implemented from Academic Year- 2016-2017)

Semester II

No. of Courses	Semester II	Credits
1	<i>Elective Courses (EC)</i>	
1	Financial Accounting- II	03
2	Principles of Management	03
3	Business Statistics	03
2	<i>Ability Enhancement Courses (AEC)</i>	
2A	<i>Ability Enhancement Compulsory Course (AECC)</i>	
4	Business Communication -II	03
2B	<i>**Skill Enhancement Courses (SEC)</i>	
5	Any one course from the following list of the courses	02
3	<i>Core Courses (CC)</i>	
6	Environmental Science	03
7	Computer Skills - I	03
Total Credits		20

<i>**List of Skill Enhancement Courses (SEC) for Semester II (Any One)</i>	
1	Foundation Course - II
2	Foundation Course - NSS - II
3	Foundation Course - NCC - II
4	Foundation Course - Physical Education - II

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Elective Courses (EC)

1. Financial Accounting -II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Shares and Debentures	15
2	Corporate Accounting	15
3	Share Valuation	15
4	Indian Accounting Standards	15
Total		60

Sr. No.	Modules / Units
1	Shares and Debentures
	Issue of Shares & Debentures: Types of Shares & Debentures (in India) Accounting Treatments for issue of shares & debentures with new market and SEBI rules
2	Corporate Accounting
	Capitalisation of reserves & issue of Bonus Shares Preparation of corporate financial statements in vertical form.
3	Share Valuation
	Valuation of Shares. Buy-back of shares & own debentures. Investment Accounting
4	Indian Accounting Standards
	AS, GAAP & their impact on Income Statement & B/S. Latest Development: Computerization of accounting & accounting

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Elective Courses (EC)

2. Principles of Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction	15
2	Planning and decision making	15
3	Organising	15
4	Management Control	15
Total		60

Sr. No.	Modules / Units
1	Introduction
	Nature and process of management, basic management roles and skills, nature of managerial work, approaches to management, classical behavioural, systems and contingency approaches, contemporary issues and challenges
2	Planning and decision making
	concept, purpose and process of planning, kinds of plans, strategies, policies and planning, premises, goal setting, MBO, decision making, conditions, forms of group decision making in organisation
3	Organising
	fundamentals of organising, bases of departmentation, distribution of authority, coordination, organisation structure, and design, leadership- nature and significance, leading and managing, leadership styles, leadership theories
4	Management control
	Nature, purpose and process of controlling, kinds of control system, prerequisites of effective control systems, resistance to control, controlling techniques

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Elective Courses (EC)

3. Business Statistics

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Population and Sample	12
2	Measures of Central Tendency	12
3	Measures of Dispersion	12
4	Correlation and regression (for ungrouped data)	12
5	Linear Programming Problems	12
	Total	60

Sr. No.	Modules / Units
1	Population and sample
	Definition of statistics, scope of statistics in Management and financial markets, Concept of population and sample with illustration Methods of sampling- SRSWR, SRSWOR, stratified, systematic (description of sampling procedures only) Data condensation and graphical methods: Raw data, attributes and variables, classification, frequency distribution, cumulative frequency distribution Graphs- Histogram and frequency polygon Diagrams- Multiple bar, pie, subdivided bar
2	Measures of Central tendency
	Criteria for good measures of central tendency, arithmetic mean, median mode for grouped and ungrouped data, combined mean
3	Measures of Dispersion
	Concept of dispersion, absolute and relative measures of dispersion, range variance, standard deviation, coefficient of variation, quartile deviation, coefficient of quartile deviation
4	Correlation and regression (for ungrouped data)
	Concept of correlation, positive and negative correlation, Karl Pearson's Coefficient of Correlation, meaning of regression, two regression equations, Regression coefficients and properties
5	Linear Programming Problems
	Meaning of LPP, Formulation of LPP, solution by graphical methods, problems relating to two variables only

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Ability Enhancement Courses (AEC)

4. Business Communication - II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Presentation Skills	10
2	Group Communication	15
3	Business Correspondence	10
4	Language and Writing Skills	10
	Total	45

Sr. No.	Modules / Units
1	Presentation Skills
	<p>Presentations: (to be tested in tutorials only) 4 Principles of Effective Presentation Effective use of OHP Effective use of Transparencies How to make a Power-Point Presentation</p>
2	Group Communication
	<p>Interviews: Group Discussion Preparing for an Interview, Types of Interviews – Selection, Appraisal, Grievance, Exit Meetings: Need and Importance of Meetings, Conduct of Meeting and Group Dynamics Role of the Chairperson, Role of the Participants, Drafting of Notice, Agenda and Resolutions Conference: Meaning and Importance of Conference Organizing a Conference Modern Methods: Video and Tele – Conferencing Public Relations: Meaning, Functions of PR Department, External and Internal Measures of PR</p>
3	Business Correspondence
	<p>Trade Letters: Order, Credit and Status Enquiry, Collection (just a brief introduction to be given) Only following to be taught in detail:- Letters of Inquiry, Letters of Complaints, Claims, Adjustments Sales Letters, promotional leaflets and fliers Consumer Grievance Letters, Letters under Right to Information (RTI) Act [Teachers must provide the students with theoretical constructs wherever necessary in order to create awareness. However students should not be tested on the theory.]</p>
4	Language and Writing Skills
	<p>Reports: Parts, Types, Feasibility Reports, Investigative Reports Summarisation: Identification of main and supporting/sub points Presenting these in a cohesive manner</p>

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Skill Enhancement Courses (SEC)

5. Foundation Course – II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Globalisation and Indian Society	07
2	Human Rights	10
3	Ecology	10
4	Understanding Stress and Conflict	10
5	Managing Stress and Conflict in Contemporary Society	08
	Total	45

Sr. No	Modules /Units
1	Globalisation and Indian Society
	Understanding the concepts of liberalization, privatization and globalization;Growth of information technology and communication and its impact manifested in everyday life; Impact of globalization on industry: changes in employment and increasing migration; Changes in agrarian sector due to globalization; rise in corporate farming and increase in farmers' suicides.
2	Human Rights
	Concept of Human Rights; origin and evolution of the concept; The Universal Declaration of Human Rights;Human Rights constituents with special reference to Fundamental Rights stated in the Constitution
3	Ecology
	Importance of Environment Studies in the current developmental context; Understanding concepts of Environment, Ecology and their interconnectedness; Environment as natural capital and connection to quality of human life; Environmental Degradation- causes and impact on human life;Sustainable development- concept and components; poverty and environment
4	Understanding Stress and Conflict
	Causes of stress and conflict in individuals and society; Agents of socialization and the role played by them in developing the individual; Significance of values, ethics and prejudices in developing the individual; Stereotyping and prejudice as significant factors in causing conflicts in society. Aggression and violence as the public expression of conflict
5	Managing Stress and Conflict in Contemporary Society
	Types of conflicts and use of coping mechanisms for managing individual stress; Maslow's theory of self-actualisation;Different methods of responding to conflicts in society; Conflict-resolution and efforts towards building peace and harmony in society

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Skill Enhancement Courses (SEC)

5. Foundation Course in NSS II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Socio-economic Survey and Special Camp	10
2	Orientation of the College Unit and Communication Skills	15
3	Rapport with Community and Programme Planning	10
4	Government Organisations /Non-Government Organisations	10
Total		45

Sr. No.	Modules / Units
1	Socio-economic Survey and Special Camp
	<p>Socio economic survey Socio-economic survey- its meaning and need, Process of Socio-economic survey- design of questionnaire; data collection, data analysis and report writing</p> <p>Special camping activity Concept of camp- Identification of community problems- Importance of group living- Team building- Adoption of village- Planning for camp- pre camping, during the course of camp and post camping activities</p>
2	Orientation of the College Unit and Communication Skills
	<p>Training and orientation of the program unit in the college Leadership training – formation of need based programmes- Concept of campus to community(C to C) activities</p> <p>Communication skills and Documentation Communication skills- the concept, Verbal, Non-Verbal communication The documentation- Activity Report Writing – basics of NSS accounting – Annual Report – Press note and preparation</p>
3	Rapport with Community and Programme Planning
	<p>Working with individual group and community Ice breaking- interaction games – conflict resolution</p> <p>Program planning Programme planning- the concept and its features, requirements for successful implementation of program- program flow charting- feedback</p>
4	Government Organisations /Non-Government Organisations
	<p>Structure of Government Organisations and Non-Government Organisations Government organisations (GO)- its meaning -Legal set up, functioning, Sources of funding Non-Government organisations (NGO)- its meaning -Legal set up, functioning, Sources of funding National Service Scheme(NSS)- Government organisations (GO) and Non-Government organisations (NGO)</p> <p>Government schemes for community development Schemes os Government welfare departments for community development- provisions & examples</p>

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Skill Enhancement Courses (SEC)

5.Foundation Course inNCC- II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Disaster Management, Social Awareness and Community Development	10
2	Health and Hygiene	10
3	Drill with Arms	10
4	Weapon Training	10
5	Specialized Subject: Army Or Navy Or Air	05
	Total	45

Sr. No.	Modules / Units
1	Disaster Management, Social Awareness and Community Development
	<p>Disaster Management: Desired outcome: The student shall gain basic information about civil defence organisation / NDMA & shall provide assistance to civil administration in various types of emergencies during natural / manmade disasters</p> <ul style="list-style-type: none"> • Civil Defence Organisation and Its Duties/ NDMA • Types of Emergencies/ Natural Disaster • Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc. • 'Avan' model of NCC <p>Social Awareness and Community Development: Desired outcome: The student shall have an understanding about social service and its need, about NGOs and shall participate in community action programmes for betterment of the community.</p> <ul style="list-style-type: none"> • Basics of Social Service, Weaker Sections of Our Society and Their Needs • Social/ Rural Development Project: MNREGA, SGSY, NSAP etc. • Contribution of Youth towards Social Welfare • Civic Responsibilities • Causes & Prevention of HIV/AIDS; Role of Youth
2	Health and Hygiene
	<p>Desired outcome: The student shall be fully aware about personal health and hygiene lead a healthy life style and foster habits of restraint and self awareness.</p> <ul style="list-style-type: none"> • Structure and Functioning of the Human Body • Hygiene and Sanitation (Personal and Food Hygiene) • Infectious & Contagious Diseases & Their Prevention
3	Drill with Arms
	<p>Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes.</p> <ul style="list-style-type: none"> • Attention, Stand at Ease and Stand Easy • Getting on Parade with Rifle and Dressing at the Order • Dismissing and Falling Out • Ground / Take Up Arms • Present From the Order and Vice-versa • General Salute, Salami Shastra
4	Weapon Training
	<p>Desired outcome: The student shall have basic knowledge of weapons and their use and handling.</p> <ul style="list-style-type: none"> • Characteristics of a Rifle / Rifle Ammunition and its Fire Power • Stripping, Assembling, Care and Cleaning and Sight Setting of .22 rifle • Stripping, Assembling, Care and Cleaning of 7.62mm SLR • Loading, Cocking and Unloading • The lying position, Holding and Aiming- I • Trigger control and firing a shot • Range procedure and safety precautions • Short range firing, Aiming- II -Alteration of sight

Sr. No.	Modules / Units
5	Specialized Subject: Army Or Navy Or Air
	<p>Army Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces. It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects</p> <p>A. Map reading</p> <ul style="list-style-type: none"> • Introduction to types of Maps and Conventional signs • Scales and Grid system • Topographical forms and technical terms • Relief, contours and Gradients • Cardinal points and Types of North • Types of bearings and use of Service Protractor • Prismatic compass and its use and GPS <p>B. Field Craft and Battle Craft</p> <ul style="list-style-type: none"> • Introduction • Judging distance • Description of ground • Recognition, Description and Indication of landmarks and targets <p style="text-align: center;">OR</p> <p>Navy</p> <p>A. `Naval Communication</p> <ul style="list-style-type: none"> • Introduction to Naval Modern Communication, Purpose and Principles <ul style="list-style-type: none"> ▪ Introduction of Naval communication ▪ Duties of various communication sub-departments • Semaphore <ul style="list-style-type: none"> ▪ Introduction of position of letters and prosigns ▪ Reading of messages ▪ Transmission of messages <p>B. Seamanship</p> <ul style="list-style-type: none"> • Anchor work <ul style="list-style-type: none"> ▪ Parts of Anchor and Cable, their identification • Rigging <ul style="list-style-type: none"> ▪ Types of ropes and breaking strength- stowing, maintenance and securing of ropes ▪ Practical Bends and Hitches: Reef Knot, Half hitch, Clove Hitch, Rolling Hitch, Timber Hitch, Bow Line, Round Turn and Two half hitch and Bow line on the Bight and its basic elements and uses. ▪ Introduction to Shackles, Hooks, Blocks and Derricks, Coiling Down and Splicing of rope <p>C. Boat work</p> <ul style="list-style-type: none"> • Parts of Boat and Parts of an Oar • Instruction on boat Pulling- Pulling orders • Steering of boat under oars, Practical instruction on Boat Pulling, Precautions while pulling

Sr. No.	Modules / Units
	<p style="text-align: center;"><i>OR</i></p> <p>Air</p> <p>A. Air frames</p> <ul style="list-style-type: none"> • Aircraft Controls • Landing Gear <p>B. Instruments</p> <ul style="list-style-type: none"> • Basic Flight Instruments <p>C. Aircraft Particulars</p> <ul style="list-style-type: none"> • Aircraft Particulars (Type specific) <p>D. Aero modelling</p> <ul style="list-style-type: none"> • History of Aero modelling • Materials used in Aero modelling • Type of Aero models • Flying/ Building of Aero models

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Skill Enhancement Courses (SEC)

5.Foundation Course in Physical Education- II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Development of Fitness	10
2	Health, Fitness and Diseases	15
3	Yoga Education	10
4	Daily Schedule of Achieving Quality of Life and Wellness	10
Total		45

Sr. No.	Modules / Units
1	Development of Fitness
	<ul style="list-style-type: none"> • Benefits of physical fitness and exercise and principles of physical fitness • Calculation of fitness index level 1-4 • Waist-hip ratio Target Heart Rate, BMI and types and principles of exercise (FITT) • Methods of training – continues, Interval, circuit, Fartlek and Plyometric
2	Health, Fitness and Diseases
	<ul style="list-style-type: none"> • Definition of obesity and its management • Communicable diseases, their preventive and therapeutic aspects • Factors responsible for communicable diseases • Preventive and therapeutic aspect of Communicable and non- communicable diseases
3	Yoga Education
	<ul style="list-style-type: none"> • Meaning and history of yoga • Ashtang yoga and types of yoga • Types of Suryanamaskar and Technique of Pranayam • Benefits of Yoga
4	Daily Schedule of Achieving Quality of Life and Wellness
	<ul style="list-style-type: none"> • Daily schedule based upon one's attitude, gender, age & occupation. • Basic – module: - Time split for rest, sleep, diet, activity & recreation. • Principles to achieve quality of life:- positive attitude, daily regular exercise, control over food habits & healthy hygienic practices.

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Core Courses (CC)

6.Environmental Science

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Environment: An overview	15
2	Natural Resources	15
3	Environment and Economic Activities	15
4	Environment Management	16
Total		60

Sr. No.	Modules / Units
1	Environment : An overview
	Environment- structure, components and typology Ecosystem as part of environment- Functioning and levels of organisation Biodiversity- Classification, value, threats to biodiversity
2	Natural Resources
	Definition, importance and classification of natural resources Utilisation o and conservation of water, forest, soil and energy resources Issues associated with natural resources
3	Environment and Economic Activities
	Economic activities-nature and pattern- primary,secondary and tertiary Environmental problems associated with economic activities Case studies with reference to India
4	Environment Management
	Environment management- Concept, need and relevance of environmental education Environmental Impact Assessment, Environmental audit Role of technology in Environment Management- GIS,GPS, Remote sensing as tools

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Core Courses (CC)

7.Computer skills -1

Modules at a Glance

Sr. No.	Modules	No. of Lectures Including Practicals
1	Computer Hardware	10
2	Windows	10
3	Internet	10
4	Word - 2013	15
4	Excel -2013	15
Total		60

Sr. No.	Modules / Units
1	Computer Hardware
	<p>Personal Computers- identification/demonstration of different storage Devices like CD and CD drive, hard disk- HDD, storing and retrieving data from various storage devices, identification of various input and output devices. Primary memory, RAM and ROM- Processor- CPU, it's speed- machine cycle, ports, computer buses, Different types of printers.</p> <p>Introduction to trouble shooting of personal computers.</p>
2	Windows
	<p>Introduction, features, various versions of windows, My computer, my documents, recycle bin, network neighbourhood, start menu, taskbar, file and folder operation (creating, copying, moving, deleting), system tools, creating shortcuts,</p>
3	Internet
	<p>What is internet, most popular internet services , functions of internet like email, WW, FTP, usenet, Instant messaging, internet telephony, using address book, working with task list, scheduling appointments, reminders, events</p>
4	Word – 2013
	<p>Getting started, The Word window, New documents, Document navigation, Editing text, Working with text, Undo and Redo commands, Cut, copy, and paste, Find and replace Text formatting, Character formatting, Tab settings, Paragraph formatting, Paragraph spacing and indents Tables, Creating tables, Working with table content, Changing the table structure Page layout, Headers and footers, Page setup Graphics, Adding graphics and clip art, Working with graphics Proofing, printing, and exporting, Spelling and grammar, AutoCorrect, Printing and exporting documents</p>
5	Excel- 2013
	<p>Fundamentals of Excel, Cut, Copy, Insert, Delete, Paste Special, Custom Formatting , Undo, Redo, Excel Formulas – Basic, Useful functions and Paste Function, Calc, Comments, Drawing toolbar, Edit, Replace, Delete, Clear, Essential Printing, Data Sorting, Hiding, AutoFormats, Protection, Basic Charts, Basic Formatting, If Function</p>

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Reference Books

Reference Books
Financial Accounting - I
<ul style="list-style-type: none"> • <i>Introduction to Accountancy</i> by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi • <i>Advance Accounts</i> by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi • <i>Advanced Accountancy</i> by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi • <i>Modern Accountancy</i> by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai • <i>Financial Accounting</i> by LesileChandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi • <i>Financial Accounting for Management</i> by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai • <i>Financial Accounting</i> by P.C. Tulsian, Pearson Publications, New Delhi • <i>Accounting Principles</i> by R.N. Anthony and J.S. Reece, Richard Irwin, Inc • <i>Financial Accounting</i> by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida • <i>Compendium of Statement and Standard of Accounting</i>, ICAI • <i>Indian Accounting Standards</i>, Ashish Bhattacharya, Tata Mc. Grow Hill and Co. Ltd., Mumbai • <i>Financial Accounting</i> by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai • <i>Company Accounting Standards</i> by ShrinivasanAnand, Taxman, New Delhi • <i>Financial Accounting</i> by V. Rajasekaran, Pearson Publications, New Delhi • <i>Introduction to Financial Accounting</i> by Horngren, Pearson Publications, New Delhi • <i>Financial Accounting</i> by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi • <i>Financial Accounting a Managerial Perspective</i>, Varadraj B. Bapat, MehulRaithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
Introduction to Financial Systems
<ul style="list-style-type: none"> • Gordon E. & Natarajan K. <i>Financial Markets & Services</i>, Himalaya Publishing House. • <i>Indian Financial System</i>, Machiraju.R.H, Vikas Publishing House. • <i>Indian Financial System</i>, Khan M.Y Tata Mcgraw Hill. • <i>Financial Institutions and Markets</i>, BholeL.M, TataMcgraw Hill. • <i>The Indian Financial System</i>, Desai, Vasantha Himalaya Publishing House.
Business Mathematics
<ul style="list-style-type: none"> • <i>Business Mathematics</i>, D.C. Sancheti, V.K. Kapoor, Sultan Chand • <i>Business Mathematics</i>, J.K. Singh, 2009, Himalaya Publishing House. • <i>Mathematics for Business and Economics</i>, J.D. Gupta, P.K. Gupta, Man Mohan, Tata McGrawHill • <i>Mathematics of Finance 2nd Edition</i> Schaum's Tata McGrawHill • <i>Business Mathematics</i> by Dr.AmarnathDikshit&Dr.Jinendra Kumar Jain. • <i>Business Mathematics</i> by Bari – New Literature publishing company, Mumbai • <i>Mathematics for Economics and Business</i>, RS Bhardwaj, 2010, Excel Books • <i>Business Mathematics</i>, Zameerudin, Qazi, V.K. Khanna & S.K. Bhambri, Vikas Publishing House
Business Communication - I
<ul style="list-style-type: none"> • Agarwal, Anju D(1989) <i>A Practical Handbook for Consumers</i>, IBH. • Alien, R.K.(1970) <i>Organisational Management through Communication</i>. • Ashley,A(1992) <i>A Handbook Of Commercial Correspondence</i>, Oxford University Press. • Aswalthapa, K (1991)<i>Organisational Behaviour</i>, Himalayan Publication, Mumbai. • Atreya N and Guha (1994) <i>Effective Credit Management</i>, MMC School of Management, Mumbai.

Reference Books

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- French, Astrid (1993) *Interpersonal Skills*. Sterling Publishers, New Delhi.
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- M. Ashraf, Rizvi (2006) *Effective Technical Communication* Tata McGraw Hill
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Environmental Science

- Environmental Geography, Singh, Savindra,PrayagPustakBhavan,
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- Basics of Environmental Sciences, Allaby M. 2002 ,Routledge, London
- Man's Impact on Environment, DetwylerT.R.McGraw-Hill, New York
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Reference Books

Computer Skills - I

- *Fundamentals of Computers- Rajaram V- Prentice Hall*
- *Computers Today- Sanders, Donald- Mc Graw Hill*
- *Computers- Subramaniam N- wheeler*
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- *Woody Leonhard, using Microsoft Office , Pearson*
- *PCSoftware Made Simple-R.K.Taxali*
- *Office 2013 complete reference - Stephen L.Nelson*
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**Revised Syllabus of Courses of B.Com.(Financial Markets) Programme
at Semester I and II
with effect from the Academic Year 2016-2017**

Scheme of Evaluation

The performance of the learners will be evaluated in two Components. One component will be the Internal Assessment component carrying 25% marks and the second component will be the Semester-wise End Examination component carrying 75% marks. The allocation of marks for the Internal Assessment and Semester End Examinations will be as shown below:-

A) Internal Assessment: 25 %

Question Paper Pattern

(Internal Assessment- Courses without Practical Courses)

Sr. No.	Particular	Marks
1	One class test (20 Marks)	
	Match the Column/ Fill in the Blanks/ Multiple Choice Questions <i>(½ Mark each)</i>	05 Marks
	Answer in One or Two Lines (Concept based Questions) <i>(01 Mark each)</i>	05 Marks
	Answer in Brief (Attempt Any Two of the Three) <i>(05 Marks each)</i>	10 Marks
2	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

Question Paper Pattern

(Internal Assessment- Courses with Practical Courses)

Sr. No.	Particular	Marks
1	Semester End Practical Examination (20 Marks)	
	Journal	05 Marks
	Viva	05 Marks
	Laboratory Work	10 Marks
2	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

B) Semester End Examination: 75 %

- i) Duration: The examination shall be of 2 ½ Hours duration
- ii) Theory question paper pattern
 - There shall be five questions each of 15 marks.
 - All questions shall be compulsory with internal choice within the questions.
 - Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the topic.

(Detail question paper pattern has been given separately)

Passing Standard

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 10 out of 25) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 30 Out of 75) separately, to pass the course and minimum of Grade E to pass a particular semester A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Question Paper Pattern (Practical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 ½ Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Practical Question OR	15 Marks
Q-2	Full Length Practical Question	15 Marks
Q-3	Full Length Practical Question OR	15 Marks
Q-3	Full Length Practical Question	15 Marks
Q-4	Full Length Practical Question OR	15 Marks
Q-4	Full Length Practical Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Practical question of 15 marks may be divided into two sub questions of 7/8 and 10/5 Marks. If the topic demands, instead of practical questions, appropriate theory question may be asked.

Question Paper Pattern (Theoretical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 ½ Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Question OR	15 Marks
Q-2	Full Length Question	15 Marks
Q-3	Full Length Question OR	15 Marks
Q-3	Full Length Question	15 Marks
Q-4	Full Length Question OR	15 Marks
Q-4	Full Length Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Theory question of 15 marks may be divided into two sub questions of 7/8 and 10/5 Marks.

University of Mumbai



Revised Syllabus of Courses of B.Com. (Financial Markets) Programme Second Year Semester III and IV

**Under Choice Based Credit, Grading and
Semester System**

With effect from Academic Year- 2017-2018

Board of Studies-Financial Markets

S.Y.B.Com. (Financial Markets)

(To be implemented from Academic Year- 2017-2018)

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
1	Discipline Related Elective Courses (DRE)		1	Discipline Related Elective Courses (DRE)	
1, 2 & 3	*Any three courses from the following list of the courses	09	1,2 & 3	*Any three courses from the following list of the courses	09
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course		2A	Ability Enhancement Compulsory Course	
4	Business Law -1	03	4	Business Law -2	03
2B	Ability Enhancement Elective Course		2B	Ability Enhancement Elective Course	
5	*Any one course from the following list of courses	02	5	*Any one course from the following list of courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Management Accounting	03	6	Corporate Finance	03
7	Computer Skills – 2	03	7	Business Economics -2	03
Total Credits		20	Total Credits		20

*List of Ability Enhancement Elective courses (AEEC) Courses for Semester III (Any One)		*List of Ability Enhancement Elective courses (AEEC) Courses for Semester IV (Any One)	
1	Foundation Course in Financial Markets FC III- Money Market	1	Foundation Course in Financial Markets FC IV- Foreign Exchange Markets
2	Foundation Course–Contemporary Issues- III	2	Foundation Course–Contemporary Issues- IV
3	Foundation course in NSS III	3	Foundation course in NSS IV
4	Foundation Course in NCC III	4	Foundation Course in NCC IV
5	Foundation Course in Physical Education III	5	Foundation Course in Physical Education IV

*List of Discipline Related Elective(DRE) Courses for Semester III (Any Three)		*List of Discipline Related Elective(DRE) Courses for Semester IV (Any Three)	
1	Debt Markets-1	1	Debt Markets-2
2	Equity Markets-1	2	Equity Markets-2
3	Commodities Markets	3	Commodities Derivatives
4	Portfolio Management	4	Merchant Banking
5	Treasury Management	5	Personal Financial Planning

Note: Course/ Subject on Debt Markets and Equity Markets selected in Semester III will continue in Semester IV

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

(To be implemented from Academic Year- 2017-2018)

Semester III

No. of Courses	Semester III	Credits
1	<i>Discipline Related Elective Courses (DRE)- Select any three</i>	
A	Debt Market- 1	03
B	Equity Market- 1	03
C	Commodities Market	03
D	Portfolio Management	03
E	Treasury Management	03
2	<i>Ability Enhancement Courses (AEC)</i>	
2A	<i>Ability Enhancement Compulsory Course (AECC)</i>	
4	Business Law - 1	03
2B	<i>*Ability Enhancement Elective Courses (AEEC)</i>	
5	Any one course from the following list of the courses	02
3	<i>Core Courses (CC)</i>	
6	Management Accounting	03
7	Computer Skills -2	03
Total Credits		20

<i>*List of Ability Enhancement Elective Courses (SEC) for Semester III (Any One)</i>	
1	Foundation Course - in Financial Markets- FC III –Money Market
2	Foundation Course–Contemporary Issues- III
3	Foundation Course - NSS – III
4	Foundation Course - NCC – III
5	Foundation Course - Physical Education – III

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

1. Debt Market - 1

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to the debt markets	15
2	Instruments & players in debt markets	15
3	Bonds	15
4	Valuation of bonds	15
Total		60

Sr. No.	Modules / Units
1	Introduction to the debt markets
	<ul style="list-style-type: none"> • Evolution of Debt Markets in India • Primary market & secondary market • Money market & Debt Market in India • Fundamental features of debt instruments • Regulatory framework in the Indian debt market
2	Instruments & players in debt markets
	<ul style="list-style-type: none"> • central government securities: bonds, t-bills, state government bonds, • Open market operations • Securities Trading Corporation of India • Primary dealers in Government Securities • Clearing Corporation of India
3	Bonds
	<ul style="list-style-type: none"> • Features of bonds • Types of bonds • Issuers of bonds • Bond ratings- importance & relevance and rating agencies.
4	Valuation of bonds
	<ul style="list-style-type: none"> • Determinants of the value of bonds • Bond Mathematics • Yield Curve Analysis

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

2. Equity Markets -1

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Equity Markets- Introduction	15
2	Primary Market	15
3	Secondary Market	15
4	Importance of Equity Markets in developing country like India	15
Total		60

Sr. No.	Modules / Units
1	Equity Markets- Introduction
	<ul style="list-style-type: none"> • Meaning and Definition of equity shares • Growth of Corporate Sector and the simultaneous growth in the number of equity shareholders • Separation of ownership and management in companies • Development of equity culture in India- Current position
2	Primary Market
	<ul style="list-style-type: none"> • IPO - Methods followed, Book Building, Offer for sale • Role of Merchant bankers in fixing the price • Red – Herring Prospectus – it’s unique features • ASBA and its features • Green Shoe option • Sweat equity, ESOP • Rights issue of shares, Non voting shares ,ADR, GDR,IDR
3	Secondary Market
	<ul style="list-style-type: none"> • Definition and functions of stock Exchanges • Evolution and Growth of Stock Exchanges in India • NSE, BSE, SME Exchanges and Overseas Stock Exchanges • Recent Development in Stock Exchanges, Merger of SEBI with FOMC • Stock Market Indices
4	Importance of Equity Markets in developing country like India
	<ul style="list-style-type: none"> • Need for attracting more investors towards equity • Need for strengthening secondary markets • Link between Primary Market and Secondary Market

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

3.Commodities Markets

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Commodity Market	15
2	Commodity market in India.	15
3	Commodity Exchanges	15
4	Strengthening Commodity Market in India	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Commodity Market
	<ul style="list-style-type: none"> • Emergence of Commodity Market • Dynamics of global commodity markets
2	Commodity Market in India
	<ul style="list-style-type: none"> • Commodity Exchanges in India • Role of Information in Commodity Markets • Linkages between equity markets and commodity markets • Commodity markets - Logistics and Warehousing
3	Commodity Exchanges
	<ul style="list-style-type: none"> • Function & Role • Trading & Clearing methods • Commodity futures • Commodity Specific Exchanges Vs Multi Commodity Exchanges
4	Strengthening commodity markets in India.
	<ul style="list-style-type: none"> • Role of Government • Role of Commodity Exchanges • Other Institutions • Training & development of Dealers

Revised Syllabus of Courses of B.Com. (Financial Markets)

Programme at Semester III

with Effect from the Academic Year 2017-2018

4. Portfolio Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to portfolio management	15
2	Portfolio Management Strategies	15
3	Portfolio Analysis	15
4	Portfolio Revision and performance management	15
	Total	60

Sr. No.	Modules / Units
1	Introduction to portfolio management
	Investment process, Investment categories, defining investment goals and objectives, Investment constraints Process of asset allocation, different approaches to allocation decision, overview of allocation techniques
2	Portfolio Management Strategies
	Active strategy, passive strategy, semi active strategy, duration shift and immunization, efficient market hypotheses, top down and bottoms up
3	Portfolio Analysis
	Analysis: Diversification, portfolio risk and return, single index model, The sharpe index model, Portfolio Beta Selection: Markowitz Risk- Return optimization, concept of utility, Sharpe optimization model, Geometric mean model, Safety First model, Stochastic Dominance Model
4	Portfolio Revision and performance management
	Revision: Portfolio rebalancing, portfolio upgrading, Formula plans, constant ratio plan, variable ratio plan, selection and revision of equity portfolio Performance measurement: Methods of calculating rate of return, Money weighted rate of return, Time weighted rate of return, Linked internal rate of return, Buying the index approach, Sharpe's- Treynor's – Jensen's performance measure of portfolio

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

5. Treasury Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Understanding Treasury Management	15
2	Classification of treasury markets and Treasury Services	15
3	Cross currency forwards, present and future value	15
4	Treasury Risk Management	15
Total		60

1	Understanding Treasury Management
	Treasury- it's evolution, importance, ideal treasury department, front office, mid office and back office Theories of treasury management Functions of treasury department Liquidity management in treasuries Banking relationship Credit management Treasury objectives and approaches
2	Classification of treasury market and Treasury Services
	Domestic or National Treasury Market Forex or International Treasury Features, products, dimensions, ideal ticket size, regulatory framework Treasury Services: Bank Treasury, Government Treasury, Corporate Treasury
3	Cross Currency forwards, present and future value
	Calculation of premium, discount etc, pre utilisation of contracts Exchange rate movement- volatility of major currencies Exchange rate and interest rate arbitrage- NDF Markets Cross Currency futures FEDAI Guidelines for merchant quotes
4	Treasury Risk Management
	Treasury risk management policy, control and reporting requirements Open position- day end, day light and overnight position limits- limit orders with other banks Mismatch of positions- gap limits- individual and aggregate, stop loss limits, VAR and Capital positions Developing risk framework for organization

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

4. Business Law-1

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Indian Contract Act	15
2	Special Contracts	15
3	Sale of Goods Act	15
4	Negotiable Instruments Act	15
Total		60

1	Indian Contract Act
	<p>Indian Contract Act 1872</p> <p>Definitions (S.2): Agreement, kinds of Agreements, Contract- kinds of contracts: Valid, Void, Voidable, Contingent and Quasi Contract and Econtract, distinguish between Agreement and Contract.</p> <p>Offer or Proposal- definition, Essentials of Valid proposal or offer, counteroffer, Standing or open offer, distinguish between offer and invitation to offer, Acceptance-definition, Essentials of a valid acceptance, Promise, Communication of Offer and acceptance and Revocation.</p> <p>Capacity to contract (Ss.10-12), Consent and Free Consent (Ss.13-22)</p> <p>Consideration (S.2 and 25) and Void Agreements (Ss.24-30)</p>
2	Special Contracts
	<p>Law of Indemnity and Guarantee (Ss.124-125, Ss-126-129,132-147)</p> <p>Law of Bailment and pledge (Ss. (Secs148,152-154,162, 172,178,178A and 179)</p> <p>Law of Agency (S. 182-185& 201-209only)</p>
3	Sale of Goods Act
	<p>Introduction, Definitions (Sec-2), Formalities of the contract of sale (Ss. 4-10), Distinction between 'sale' and 'agreement of sell, Distinction between 'sale and hire-purchase agreement' Conditions and Warranties (11-17)</p> <p>Transfer of property as between the seller and the buyer (sec-18-26)</p> <p>Rights of an unpaid seller (Secs-45-54)</p>
4	Negotiable Instruments Act
	<p>Meaning and Characteristics of Negotiable Instrument, Operational rules of Evidence –Presumptions, classification of Negotiable Instruments.</p> <p>Promissory Notes and Bills of Exchange(Ss. 4,5,108-116)</p> <p>Essential elements of Promissory Note and Bill of Exchange, Distinguish Between Promissory note and Bill of Exchange. Acceptor and Acceptance, definition of Acceptor, Acceptance for honour, Absolute and qualified or conditional acceptance, Drawer, Drawee in case of Need(Ss.7,115&116)</p> <p>Payee,Cheques, Types of Cheque and Penalties in case of dishonour of certain cheques, distinguish between cheque and Bill of exchange, (Sec: 6,123-131A,138-147)</p> <p>Miscellaneous Provisions:(Secs:8-10,22,99-102,118-122,134-137)Holder(S.8), Holder in Due Course(S.9), Rights and privileges of H.D.C.Payment in due course (S.10), Maturity of an Instrument (S.22), Noting(S.99), Protest (S.100-102). Bills in Set. (Sec.13)</p>

Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester III
with Effect from the Academic Year 2017-2018

5.Foundation Course in Financial Markets FC – III-
Money Market

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Money Markets	15
2	Regulatory framework of Money Market	15
3	Money Market instruments	15
4	Recent Developments in Money markets	15
Total		60

Sr. No.	Modules / Units
1	Introduction to money markets
	Meaning of Money Market, features of money markets, importance of money market: Role of Primary dealers in money markets, Development of trade & industry, Development of capital market, Smooth functioning of commercial banks, Effective central bank control, Formulation of suitable monetary policy, source of finance to government
2	Regulatory framework of money markets
	Regulatory framework of RBI, FIMMDA (Fixed Income, Money Market and Derivatives Association) and Foreign Exchange Dealers Association of India (FEDAI), conDS, NDS-OM
3	Money Market Instruments
	Conventional: Treasury bills, Money at call and short notice in the call loan market, Commercial bills, promissory notes in the bill market. Modern: Commercial papers, Certificate of deposit, Inter-bank participation certificates, Repo instrument, Banker's Acceptance. Money Market mutual fund: meaning, advantages and disadvantages, regulatory framework for money market mutual funds, various money market funds operational in Indian market
4	Recent Developments in Money Markets
	Recent development in Money Market: Integration of unorganized sector with the organized sector, widening of call Money market, Introduction of innovative instrument, Offering of Market rates of interest, Promotion of bill culture, Entry of Money market mutual funds, Setting up of credit rating agencies, Adoption of suitable monetary policy, Establishment of DFHI, Setting up of security trading corporation of India Ltd. (STCI)

Foundation Course- Contemporary Issues- III

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Human Rights Provisions, Violations and Redressal	12
2	Dealing With Environmental Concerns	11
3	Science and Technology I	11
4	Soft Skills for Effective Interpersonal Communication	11
Total		45

Sr. No.	Modules / Units
1	Human Rights Violations and Redressal
	<p>A. Scheduled Castes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)</p> <p>B. Scheduled tribes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)</p> <p>C. Women- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)</p> <p>D. Children- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)</p> <p>E. People with Disabilities, Minorities, and the Elderly population- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (4 Lectures)</p>
2	Dealing With Environmental Concerns
	<p>A. Concept of Disaster and general effects of Disasters on human life- physical, psychological, economic and social effects. (3 Lectures)</p> <p>B. Some locally relevant case studies of environmental disasters. (2 Lectures)</p> <p>C. Dealing with Disasters - Factors to be considered in Prevention, Mitigation (Relief and Rehabilitation) and disaster Preparedness. (3 Lectures)</p> <p>D. Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation. (3 Lectures)</p>
3	Science and Technology – I
	<p>A. Development of Science- the ancient cultures, the Classical era, the Middle Ages, the Renaissance, the Age of Reason and Enlightenment. (3 Lectures)</p> <p>B. Nature of science- its principles and characteristics; Science as empirical, practical, theoretical, validated knowledge. (2 Lectures)</p> <p>C. Science and Superstition- the role of science in exploding myths, blind beliefs and prejudices; Science and scientific temper- scientific temper as a fundamental duty of the Indian citizen. (3 Lectures)</p> <p>D. Science in everyday life- technology, its meaning and role in development; Interrelation and distinction between science and technology. (3 Lectures)</p>
4	Soft Skills for Effective Interpersonal Communication
	<p>Part A (4 Lectures)</p> <p>I) Effective Listening - Importance and Features.</p> <p>II) Verbal and Non-Verbal Communication; Public-Speaking and Presentation Skills.</p> <p>III) Barriers to Effective Communication; Importance of Self-Awareness and Body Language.</p> <p>Part B (4 Lectures)</p> <p>I) Formal and Informal Communication - Purpose and Types.</p> <p>II) Writing Formal Applications, Statement of Purpose (SOP) and Resume.</p> <p>III) Preparing for Group Discussions, Interviews and Presentations.</p> <p>Part C (3 Lectures)</p> <p>I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership.</p> <p>II) Styles of Leadership and Team-Building.</p>

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7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, *Human Rights: Gender and Environment*, Allied Publishers, New Delhi, 2007.
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9. Parsuraman, S., and Unnikrishnan, ed., *India Disasters Report II*, Oxford, New Delhi, 2013
10. Reza, B. K., *Disaster Management*, Global Publications, New Delhi, 2010.
11. Sathe, Satyaranjan P., *Judicial Activism in India*, Oxford University Press, New Delhi, 2003.
12. Singh, Ashok Kumar, *Science and Technology for Civil Service Examination*, Tata McGraw Hill, New Delhi, 2012.
13. Thorpe, Edgar, *General Studies Paper I Volume V*, Pearson, New Delhi, 2017.

Projects / Assignments (for Internal Assessment)

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

QUESTION PAPER PATTERN (Semester III)

The Question Paper Pattern for Semester End Examination shall be as follows:

TOTAL MARKS: 75

DURATION: 150 MINUTES

QUESTION NUMBER	DESCRIPTION	MARKS ASSIGNED
1	<ol style="list-style-type: none">i. Question 1 A will be asked on the meaning / definition of concepts / terms from all Modules.ii. Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semesteriii. In all 8 Questions will be asked out of which 5 have to be attempted.	<ol style="list-style-type: none">a) Total marks: 15b) For 1 A, there will be 3 marks for each sub-question.c) For 1 B there will be 15 marks without any break-up.
2	Descriptive Question with internal option (A or B) on Module 1	15
3	Descriptive Question with internal option (A or B) on Module 2	15
4	Descriptive Question with internal option (A or B) on Module 3	15
5	Descriptive Question with internal option (A or B) on Module 4	15

5. 2 Foundation Course National Service Scheme Studies (NSSS)

National Service Scheme Studies Paper-III

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	Value System & Gender sensitivity	12
2	Disaster preparedness & Disaster management	10
3	Health, hygiene & Diseases	13
4	Environment & Energy conservation	10
Total		45

Sr. No.	Modules / Units
1	Value System & Gender sensitivity
	<p>UNIT - I – Value System Meaning of value, Types of values- human values and social responsibilities- Indian value system- the concepts and its features</p> <p>UNIT - II - Gender sensitivity and woman empowerment Concept of gender- causes behind gender related problems- measures Meaning of woman empowerment- schemes for woman empowerment in India</p>
2	Disaster preparedness & Disaster management
	<p>UNIT - I - Basics of Disaster preparedness Disaster- its meaning and types Disaster preparedness- its meaning and methods</p> <p>UNIT - II - Disaster management Disaster management- concept- disaster cycle - role of technology in disaster response- role of as first responder – the study of ‘Avhan’ Model</p>
3	Health, hygiene & Diseases
	<p>UNIT - I - Health and hygiene Concept of complete health and maintenance of hygiene</p> <p>UNIT - II - Diseases and disorders- preventive campaigning Diseases and disorders- preventive campaigning in Malaria, Tuberculosis, Dengue, Cancer, HIV/AIDS, Diabetes</p>
4	Environment & Energy conservation
	<p>UNIT - I Environment and Environment enrichment program Environment- meaning, features , issues, conservation of natural resources and sustainability in environment</p> <p>UNIT - II Energy and Energy conservation program Energy- the concept, features- conventional and non- conventional energy Energy conservation- the meaning and importance</p>

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5.3 Foundation Course of NCC

NCC Paper-III

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	National Integration & Awareness	10
2	Drill: Foot Drill	10
3	Adventure Training and Environment Awareness and Conservation	05
4	Personality Development and Leadership	10
5	Specialized subject (ARMY)	10
Total		45

Sr. No.	Modules / Units
1	National Integration & Awareness
	<p>Desired outcome: The students will display sense of patriotism, secular values and shall be transformed into motivated youth who will contribute towards nation building through national unity and social cohesion.</p> <p>The students shall enrich themselves about the history of our beloved country and will look forward for the solutions based on strengths to the challenges to the country for its development.</p> <ul style="list-style-type: none"> • Freedom Struggle and nationalist movement in India. • National interests, Objectives, Threats and Opportunities. • Problems/ Challenges of National Integration. • Unity in Diversity
2	Drill: Foot Drill
	<p>Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes.</p> <ul style="list-style-type: none"> • Side pace, pace forward and to the rear • Turning on the march and whiling • Saluting on the march • Marking time, forward march and halt in quick time • Changing step • Formation of squad and squad drill
3	Adventure Training, Environment Awareness and Conservation
3A	Adventure Training
	<p>Desired outcome: The students will overcome fear & inculcate within them the sense of adventure, sportsmanship, esprit-d-corp and develop confidence, courage, determination, diligence and quest for excellence.</p> <ul style="list-style-type: none"> • Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc.
3B	Environment Awareness and Conservation
	<p>Desired outcome: The student will be made aware of the modern techniques of waste management and pollution control.</p> <ul style="list-style-type: none"> • Waste management • Pollution control, water, Air, Noise and Soil
4	Personality Development and Leadership
	<p>Desired outcome: The student will inculcate officer like qualities with desired ability to take right decisions.</p> <ul style="list-style-type: none"> • Time management • Effect of Leadership with historical examples • Interview Skills • Conflict Motives- Resolution
Sr. No.	Modules / Units
5	Specialized Subject: Army Or Navy Or Air
	<u>Army</u>

Desired outcome: It will acquaint, expose & provide knowledge about Army/ Navy/ Air force and to acquire information about expanse of Armed Forces ,service subjects and important battles

A. Armed Force

- Task and Role of Fighting Arms
- Modes of Entry to Army
- Honors and Awards

B. Introduction to Infantry and weapons and equipments

- Characteristics of 5.56mm INSAS Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning
- Organization of Infantry Battalion.

C. Military history

- Study of battles of Indo-Pak War 1965,1971 and Kargil
- War Movies

D. Communication

- Characteristics of Walkie-Talkies
- Basic RT Procedure
- Latest trends and Development (Multi Media, Video Conferencing, IT)

OR

Navy

A. Naval orientation and service subjects

- Organization of Ship- Introduction on Onboard Organization
- Naval Customs and Traditions
- Mode of Entry into Indian Navy
- Branches of the Navy and their functions
- Naval Campaign (Battle of Atlantic, Pearl Harbour, Falkland War/Fleet Review/ PFR/ IFR)s

B. Ship and Boat Modelling

- Types of Models
- Introduction of Ship Model- Competition Types of Model Prepare in NSC and RDC
- Care and handling of power-tools used- maintenance and purpose of tools

Sr. No.	Modules / Units
	<p>C. Search and Rescue</p> <ul style="list-style-type: none"> • Role of Indian Coast Guard related to SAR <p>D. Swimming</p> <ul style="list-style-type: none"> • Floating and Breathing Techniques- Precautions while Swimming <p style="text-align: center;">OR</p> <p><u>AIR</u></p> <p>A. General Service Knowledge</p> <ul style="list-style-type: none"> • Organization Of Air Force • Branches of the IAF. <p>B. Principles of Flight</p> <ul style="list-style-type: none"> • Venturi Effect • Aerofoil • Forces on an Aircraft • Lift and Drag <p>C. Airmanship</p> <ul style="list-style-type: none"> • ATC/RT Procedures • Aviation Medicine <p>D. Aero- Engines</p> <ul style="list-style-type: none"> • Types of Engines • Piston Engines • Jet Engines • Turboprop Engines

5.4 Foundation Course of Physical Education
with Effect from the Academic Year 2017-2018

Physical Education Paper-III

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	Overview of Nutrition	10
2	Evaluation of Health, Fitness and Wellness	10
3	Prevention and Care of Exercise Injuries	10
4	Sports Training	15
Total		45

Sr. No.	Modules / Units
1	Overview of Nutrition
	<ul style="list-style-type: none"> • Introduction to nutrition & its principles • Role of Nutrition in promotion of health • Dietary Guidelines for Good Health • Regulation of water in body and factors influencing body temperature.
2	Evaluation of Health, Fitness and Wellness
	<ul style="list-style-type: none"> • Meaning & Concept of holistic health • Evaluating Personal health-basic parameters • Evaluating Fitness Activities – Walking & Jogging • Myths & misconceptions of Personal fitness
3	Prevention and Care of Exercise Injuries
	<ul style="list-style-type: none"> • Types of Exercise Injuries • First Aid- Importance & application in Exercise Injuries • Management of Soft tissues injuries • Management of bone injuries
4	Sports Training
	<ul style="list-style-type: none"> • Definition, aims & objectives of Sports training • Importance of Sports training • Principles of Sports training • Drug abuse & its effects

INTERNAL ASSESSMENT (PRACTICUM)
(25 Marks)

SEMESTER -III

(Continuous Evaluation during practical sessions conducted for 27 hours)

- a. A learner willing to participate in inter-collegiate/ inter university competitions of any game and sports conducted by the University of Mumbai will be evaluated for 15 marks on the basis of his attendance, sincerity and performance during the training / practice / coaching sessions / camps conducted by the college/University for at least 10 days. It is expected that the colleges should organize training / practice / coaching sessions / camps of various games and sports as per the choice of the learner. However, due to unavailability of the same in his / her college if a learner participates in the training / practice / coaching sessions / camps organized by other organizations or clubs of sports and games, may be considered for evaluation for 15 marks on the basis of the proofs of attendance and participation submitted by a learner.

 - b. A learner will be taught the following yogic practices by conducting practicals for at least 10 sessions (one hour each) and will be assessed by the concern teacher for marks out of **10** on the basis of his attendance, sincerity and performance.
- **Yogic Practices** :- Shirshasana, Sarvangasana, Matsyasana, Halasana, Bhujangasana, Shalabhasana, Dhanurasana, Ardhamatsendrasana, Pashchimotanasana, Mayurasana, Shavasana, Yoga Mudra & Uddiyan Bandh, Nauli, Kapalbhathi, Ujjayi Pranayam, Bhastrika, Omkar and Dhyana.
- (Note:- The above yoga practical sessions should be conducted in a such way that every learner must realize its effects as well as should make it as a part of his/her life style).***

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6.Management Accounting

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Management Accounting	5
2	Analysis and Interpretation of Accounts	15
3	Ratio analysis and interpretation based on Vertical Financial Statements	15
4	Cash Flow statements	15
5	Working Capital concept	10
Total		60

Sr. No.	Modules / Units
1	Introduction to Management Accounting
	Meaning, nature, scope and functions of Management accounting- Role of Management Accounting in decision making- Management accounting and Financial Accounting
2	Analysis and interpretation of Accounts
	Vertical form of Balance sheet and Profit & Loss account suitable for analysis Trend Analysis Comparative Statements Common size statement Simple problems based on the above
3	Ratio analysis and interpretation based on Vertical financial Statements as above
	<ul style="list-style-type: none"> a) Balance sheet Ratios <ul style="list-style-type: none"> Current Ratio Liquid Ratio Stock Working capital Ratio Proprietary Ratio Debt Equity Ratio Capital Gearing Ratio b) Revenue Statement Ratios <ul style="list-style-type: none"> Gross Profit Ratio Expenses Ratio Operating Ratio Net Profit Ratio Stock Turnover Ratio c) Combined Ratios <ul style="list-style-type: none"> Return on Capital Employed (including long term borrowings) Return on Proprietor's Fund (shareholders' fund and Preference Capital) Return on Equity Capital Dividend Payout Ratio Debt Service coverage Ratio Debtors Turnover Ratio Creditors Turnover Ratio
4	Cash flow Statements
	Preparation of cash flow statements with reference to Accounting Standard No 3 – Indirect Method Only
5	Working Capital- Concept
	Estimation of working capital requirements in case of trading and manufacturing organisations

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Programme at Semester III**

with Effect from the Academic Year 2017-2018

7.Computer Skill -2

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Advanced Spread sheet	15 + 5 practical
2	Data Based Management systems	15 + 5 practical
3	Modern E Business Software systems	10
4	Other Emerging Technologies	10

Note: The syllabus for computer skills does not prescribe any particular product. College may opt for any suitable software which may be paid, subscribed or may be an open source free software

Sr. No.	Modules / Units
1	Advanced Spreadsheet
	Pivot, Advanced formulae, Lookups, Macros, Working with other programmes, Inserting a spreadsheet sheet in word document, modifying an inserted spreadsheet, Inserting a linked chart in a Word Document, Inserting graphic in a spreadsheet
2	Data Based Management Systems
	Concepts, Tables, Fields, Datatypes RDBMS Primary Key, Foreign Key
3	Modern E Business Software Systems
	Introduction : Enterprise Resource Planning – ERP Supply chain Management- SCM Customer Relationship Management- CRM Sales Force Automation- SFA
4	Other emerging technologies
	Online trading software Net-banking Online banking software

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

(To be implemented from Academic Year- 2017-2018)

Semester IV

No. of Courses	Semester IV	Credits
1	<i>Discipline Elective Courses (EC)- Select any three</i>	
A	Debt Markets-2	03
B	Equity Markets-2	03
C	Commodities Derivatives	03
D	Merchant Banking	03
E	Personal Financial Planning	03
2	<i>Ability Enhancement Courses (AEC)</i>	
2A	<i>Ability Enhancement Compulsory Course (AECC)</i>	
4	Business Law - 2	03
2B	<i>*Ability Enhancement Elective Courses (AEEC)</i>	
5	Any one course from the following list of the courses	02
3	<i>Core Courses (CC)</i>	
6	Corporate Finance	03
7	Business Economics - 2	03
Total Credits		20

<i>*List of Ability Enhancement Elective courses (AEEC) Courses for Semester IV (Any One)</i>	
1	Foundation Course in Financial Markets FC IV- Foreign Exchange Markets
2	Foundation Course – Contemporary Issues- IV
3	Foundation course in NSS IV
4	Foundation Course in NCC IV
5	Foundation Course in Physical Education IV

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Programme at Semester IV
with Effect from the Academic Year 2017-2018**

1. Debt Markets -2

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Basic Concepts and Fixed Income Mathematics	15
2	Pricing of Fixed Income Securities	15
3	Tracking Fixed Income Markets	15
4	Portfolio Management- Fixed Income	15
Total		60

Sr. No.	Modules / Units
1	Basic Concepts of Fixed Income Securities
	<ul style="list-style-type: none"> a) Features of Fixed Income Securities b) Risk and Return Analysis in Fixed Income Securities c) Type of Fixed Income Securities including hybrid instruments
2	Pricing of Fixed Income Securities
	<ul style="list-style-type: none"> a) Valuation of fixed income securities including embedded option b) Duration and Convexity <ul style="list-style-type: none"> i. Duration ii. Convexity including modified and Maculay Duration c) Price value of basis points (PVBP) d) Spot Rate e) Forward rate f) Bootstrapping
3	Tracking Fixed Income Markets
	<ul style="list-style-type: none"> a) Tracking bond markets b) The bond traders arsenal of economic indicators <ul style="list-style-type: none"> i. Inflation ii. Monetary policy iii. Government deficits iv. Currency valuation c) The subprime crisis and the role of debt markets in the crisis – Then and now
4	Portfolio Management- Fixed Income
	<ul style="list-style-type: none"> a) Fixed Income Portfolio Management- Domestic and International b) Bond portfolio management strategies <ul style="list-style-type: none"> i. What is a bond portfolio strategy ii. Types of bond management strategy iii. Active, passive, neutral strategy

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2. Equity Markets-2

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Developments in the Indian Equity Market	15
2	Valuation of Equities	15
3	Statistical Analysis of Share price movement	15
4	Dealings in Stock Exchanges	15
Total		60

Sr. No.	Modules / Units
1	Developments in the Indian Equity Market
	<ul style="list-style-type: none"> i. Domestic savings & investments ii. Disinvestments, FDI & Foreign Portfolio Investment (FPI) iii. Role of Retail Investors iv. Share Price & Share Price Volatility v. Role of SEBI
2	Valuation of Equities
	<ul style="list-style-type: none"> i. Factors affecting Share Prices ii. Balance sheet valuation iii. Dividend discount model (zero growth, constant growth & multiple growth) iv. Price earning model v. Fundamental Analysis- Economy, Industry and Company Model vi. Macro Economic factors vii. Market related factors
3	Statistical Analysis of Share price movement
	<ul style="list-style-type: none"> i. Efficient Market Hypothesis ii. Stochastic Models iii. Brownian Motion iv. BETA
4	Dealings in Stock Exchanges
	<ul style="list-style-type: none"> i. Role of Brokers ii. Stock Market Quotations iii. Procedure for buying & selling iv. BOLT - On Line Trading/ NEAT System v. Clearing & Settlement vi. Order Matching

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with Effect from the Academic Year 2017-2018**

3. Commodities Derivatives

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction of Derivatives	15
2	Pricing commodity derivatives	15
3	Trading: Basic Concepts	15
4	Regulatory Framework	15
Total		60

Sr. No.	Modules / Units
1	Introduction of Derivatives
	Derivatives definition, Types of derivatives, Products, Participants and Functions, Exchange traded vs. OTC Derivatives -How Commodity Derivatives differ from financial Derivatives - Warehousing, Quantity of underlying assets, Global Commodity Exchanges, Commodity Exchanges in India, Commodities permitted for trading, Kabra committee Report, Commodity specific issues - Cropping and Growth patterns, Global Domestic demand -supply dynamics, Price trends and Factors that influence prices,
2	Pricing commodity derivatives
	Investment assets vs. Consumption assets-The Cost of Carry Model - Pricing futures contracts on investment commodities-Pricing futures contracts on consumption commodities-The futures basics- Concept of Hedging, Speculation, Arbitrage
3	Trading: Basic Concepts
	Basic concepts such as Margins, Circuit filters - delivery norms – Contracts specifications, Trading system, and Entities in the trading system, Trader workstation, Order types and conditions, Exposure limits, Commodities to be traded: Types of commodities: Bullion (silver and Gold), Agricultural commodities. Clearing, settlement and Risk Management: Calendar and Settlement schedule, Position determination, Settlement mechanism, Daily mark to market settlement, Settlement price - Daily settlement price, Final settlement price, Margining - Initial margin, Daily mark to Market margin, Open interest limits, Second line of Defense, NSCCL span. Final Settlement: Cash settlement, Physical settlement (warehousing) Exception handling: Funds shortages, Delivery shortages.
4	Regulatory Framework
	Rules governing Commodity derivatives-Derivatives Exchange, Rules Governing Intermediaries, Investor Grievances, Arbitration Rules.

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4. Merchant Banking

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Merchant Banking	15
2	Initial Public Offering (IPO)	15
3	Issue of DRs, ADRs and CPs	15
4	Issue of Bond and Debentures	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Merchant Banking
	Introduction to Merchant banking, Importance, need, functions, Merchant banking services - Project counselling, Loan syndication and Corporate counselling; Pre-issue merchant banking activities - Obtaining stock exchange approvals, action as per SEBI guide lines, Finalizing the appointments with - manager/advisers, Underwriters, Brokers, Bankers, Advertising agency, Drafting and approval of prospectus; Post-issue merchant banking activities – Issue subscription, Allotment of shares, Refunds, Periodical reports to SEBI.
2	Initial Public Offering (IPO)
	Initial Public Offering - Issuance Process, Role of registrar, SEBI guidelines for IPO eligibility, IPO grading, Draft Red Herring Prospectus (DRHP), Listing agreement, Pricing the issue, Book building process, Allotment; SEBI Guidelines in Drafting the Offer Document; Pre and Post launch activities in IPO, SEBI Guidelines on QIP, Rights and Bond Issues
3	Issue of DRs, ADRs and CPs
	Types and Process of Issuing of Depository Receipts (DRs) - American Depository Receipts (ADRs), Global Depository Receipts (GDRs), European Depository Receipts (EDRs), Indian Depository Receipts (IDRs), ADR structure and norms, Indian Depository Receipts (IDRs) and Guidelines; Procedure for issue of Commercial Paper – Credit Rating, Redemption process.
4	Issue of Bond and Debentures
	Procedure for Issue of Bond and Debentures, Foreign currency convertible bonds

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5. Personal Financial Planning

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Personal Financial Planning Process	15
2	Personal Financial Statement Analysis	15
3	Financial Mathematics	15
4	Investor Psychology	15
	Total	60

Sr. No	Modules /Units
1	Personal Financial Planning Process
	<ul style="list-style-type: none"> i. Establish and Define the Relationship with the Client ii. Collect Client's Information iii. Analyse client's financial status, Risk Profile and Determine Financial Goals iv. Develop Financial Planning Recommendations and Present them to the Client v. Implement Client's Financial Planning Recommendations vi. Monitor and Review the Client's Situation
2	Personal Financial Statement Analysis
	<ul style="list-style-type: none"> i. Cash inflows and outflows – Cash Management ii. Income and expenditure statement iii. Budgeting and forecasting iv. Monitoring budgets and provisions for savings v. Personal Balance sheet and Net Worth
3	Financial Mathematics
	<ul style="list-style-type: none"> i. Calculation of Returns-Nominal Rate of Return, Effective Rate of Return, Internal Rate of Return, and Compounded Annual Growth rate (CAGR), Real Rate of Return, Rate of Return after adjusting taxes, Analysis of Return. ii. Time value of money iii. Loan Calculations iv. Total Asset, Net Worth and Financial Ratios
4	Investor Psychology
	<ul style="list-style-type: none"> i. Value investing and Behavioural Finance ii. Role of emotions in finance decision making –Common errors iii. Skewness of Asset Allocation due to cultural or historical bias iv. Basic investment style and its drawbacks

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4. Business Law - 2

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Indian Companies Act, 2013	15
2	Intellectual Property Rights, Copyrights and trade marks	15
3	Indian Partnership Act, 1932 and Limited Liability Partnership, 2008	15
4	Securities Contract Regulation Act and SEBI	15
Total		60

Sr. No.	Modules / Units
1	<p data-bbox="323 163 695 197">Indian Companies Act, 2013</p> <p data-bbox="368 215 1410 689">a) Company and its formation : Definition and Nature of Company, Advantages and Disadvantages of a Company, Lifting of Corporate Veil with cases, Promoters and preliminary contracts(S.92-93), Types of Companies (Meaning and Concepts Only), Chartered Companies Statutory Companies, Registered companies under the Act. OPC (S. 3(1)), Companies limited by shares, Companies Limited by guarantee, Private Company, Public Company, Producer Companies (Sec581 A to 581 Z-), Formation of Companies with charitable objects (Sec. 8), Holding Company and Subsidiary company, Small Company (S. 2(85)), Dormant Company (S.455), Documents and procedure for Incorporation of Company, Effect of Incorporation.(S.9)</p> <p data-bbox="368 703 1410 824">b) Membership of a company : Who can become member, Modes of acquiring membership, Cessation of membership, Rights and Liabilities of members.</p> <p data-bbox="368 837 1410 1003">c) Memorandum of Association and Articles of Association : Meaning, Concept, Clauses, effects of Memorandum and articles, Doctrine of Ultra Vires, Doctrine of Indoor Management, and Doctrine of Constructive Notice.</p> <p data-bbox="368 1016 1410 1182">d) Prospectus. Meaning (S.2), When to be issued, When not required, Various kinds of prospectus, Legal framework for issuance of Prospectus, Contents of Prospectus, Private Placements.</p> <p data-bbox="368 1196 1410 1346">e) Classification of Directors, Women directors, Independent Director, Small shareholder’s director, Disqualification of a director, Director Identification Number, appointment, Legal position, Powers and Duties, Position of director as key Managerial Personnel, Managing Director, manager.</p> <p data-bbox="368 1359 1410 1503">f) Meetings : Various types of meeting of shareholders and board, Convening and Conduct of meetings, Postal Ballot, Meetings through Video Conferencing, E-voting.</p>
2	<p data-bbox="323 1514 1070 1547">Intellectual Property Rights, Copyrights and trade marks</p> <p data-bbox="368 1561 1410 1594">a) Intellectual Property rights in India Introduction and Types</p> <p data-bbox="368 1608 1410 1794">b) Patents - Meaning, Salient features of Patent Conditions for an invention to be patented, What is Patentable, What is not patentable? Procedure for Obtaining a Patent, Opposition to Grant of Patent (S. 25, 26), Term of Patent, How does a patent expire? , Remedies available to the Patent Owner for Infringement of Patent Rights.</p> <p data-bbox="368 1807 1410 1951">c) Copyrights -Meaning (S. 14) Copy right Board and registration of Copy right (S. 11, S.44-50), Term of Copy right (S. 22-29), What works are protected, rights, Who owns the Rights and Duration, Meaning of Fair use, Infringement of Copy rights and remedies (S. 51-55,57,58,63,64,65).</p> <p data-bbox="368 1964 1410 2096">d) Trade- marks, Meaning - Concept, functions of Trade mark, Types of Trade Marks, Trademarks that cannot be registered , Registration of Trade Mark, Procedure for Registration of TM, Infringement and remedies, Passing off, Service Marks.</p>

3	Indian Partnership Act, 1932 and Limited Liability Partnership, 2008
	<p>a) Indian Partnership Act, 1932 (Sections,4,5,6,7,8,14 & 39-55) : Definition, Essentials, Types of Partnerships and Types of Partners Test of partnership, and Sharing of profits is not the real test of partnership (Sec6), Partnership deed, and Property of the Firm,</p> <p>b) Reconstitution of Partnership firms, Dissolution of the firm. Limited Liability Partnership, 2008 : Definitions (S.2), Body Corporate, Business, Partner -Concept, Salient features, Nature of LLP (Ss-3-10)Distinction between LLP and partnership, and LLP and LLP and Company Extent and limitation of liability of LLP and its partners (Ss. 26-31) , Conversion to LLP (Ss. 55-58), Winding up and Dissolution of the LLP (Ss. 63-65)</p>
4	Securities Contract Regulation Act and SEBI
	<p>a) Securities contract Regulation Act 1956 Terms-Recognition of stock exchange-Listing Agreement-Delisting-Security Appellate Tribunal-Cancellation of recognition- bye laws- types of contracts. Securitization & Reconstruction of Financial Assets and Enforcement of Security Interest Act(SARFAESI) 2002 : Objectives-Terms-process-registration-acquisition-assets reconstruction-takeover management-offences and penalties-authorities.</p> <p>b) Security Exchange Board of India</p> <ul style="list-style-type: none"> • SEBI : Objectives-terms-establishment-powers-functions-accounts and audit-penalties-registration. • Issues of Disclosure Investors Protection Guidelines: Pre & Post obligations-conditions for issue-Debt Security-IPO-E-ipo-Employee option-right-bonus-preferential allotment- intermediary-operational-promoter lock in period requirements-offer document

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**5. Foundation Course in Financial Markets FC IV –
Foreign Exchange Markets**

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Foreign Exchange Market: An Introduction	15
2	Introduction to Indian Foreign Exchange Market	15
3	Operational Aspects of foreign exchange market and foreign exchange contracts	15
4	Foreign Exchange Arithmetic and Risk Management	15
Total		60

Sr. No.	Modules / Units
1	Foreign Exchange Market: An Introduction
	FOREX trading volume, FOREX trading locations, Details about major traded currencies, Evolution of foreign exchange ,Market and Foreign Exchange System Market Participants: Banks and Financial Institutions, Merchants, other customers, speculators and hedgers, Central Bank, Forex dealers and market makers and brokers, FOREX – trading and SWIFT Robots
2	Introduction to Indian Foreign Exchange Market
	FOREX market in India: A historical perspective FERA Vs. FEMA, Pre-liberalization Exchange Rate Regime in India and Hawala market, Brief introduction to currency convertibility in current and Capital account.
3	Operational aspects of foreign exchange market and foreign exchange contracts
	<p>a) Floating Rate, Currency Boards & Currency Basket Systems, Brief review on various exchange rate regime, Advantages of free and Fixed Exchange Rate regime, Pros & Cons of managed floating exchange rate regime, Prevalence of Currency Boards Regime, Practice of Currency Basket Regime.</p> <p>b) Foreign Exchange Contracts: Spot and Forward Contracts Cash, Spot trading Trade Date, Settlement PR date Spot trading roll over mechanism. Foreign Exchange Forward contracts, Fixed Maturity Contract, Partially Optional Contract, Fully Optional Contract, Non-Delivery Forward Contracts, Foreign Exchange Futures Contract ,Different Dimensions of Foreign Exchange Future, Contract specification trading at National Stock Exchange of India.</p>
4	Foreign Exchange Arithmetic and Risk Management
	Types of Exchange Rates Direct Rate, Indirect Rate and Cross Rate Arbitrage- Geographical and triangular Interest Rate- spot Contracts, forward contracts and SWAP Points Risk Management in Foreign Exchange Market- Need and importance of foreign exchange management methods adopted (Spot and forward, arbitrage, cross currency deals, SWAPS, options and futures

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Foundation Course- Contemporary Issues- IV

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Significant, Contemporary Rights of Citizens	12
2	Approaches to understanding Ecology	11
3	Science and Technology –II	11
4	Introduction to Competitive Exams	11
Total		45

Sr. No.	Modules / Units
1	<p>Significant, Contemporary Rights of Citizens</p> <p>A. Rights of Consumers-Violations of consumer rights and important provisions of the Consumer Protection Act, 2016; Other important laws to protect consumers; Consumer courts and consumer movements. (3 Lectures)</p> <p>B. Right to Information- Genesis and relation with transparency and accountability; important provisions of the Right to Information Act, 2005; some success stories. (3 Lectures)</p> <p>C. Protection of Citizens'/Public Interest-Public Interest Litigation, need and procedure to file a PIL; some landmark cases. (3 Lectures)</p> <p>D. Citizens' Charters, Public Service Guarantee Acts. (3 Lectures)</p>
2	<p>Approaches to understanding Ecology</p> <p>A. Understanding approaches to ecology- Anthropocentrism, Biocentrism and Eco centrism, Ecofeminism and Deep Ecology. (3 Lectures)</p> <p>B. Environmental Principles-1: the sustainability principle; the polluter pays principle; the precautionary principle. (4 Lectures)</p> <p>C. Environmental Principles-2: the equity principle; human rights principles; the participation principle. (4 Lectures)</p>
3	<p>Science and Technology –II</p> <p>Part A:Some Significant Modern Technologies, Features and Applications (7 Lectures)</p> <p>i. Laser Technology- Light Amplification by Stimulated Emission of Radiation; use of laser in remote sensing, GIS/GPS mapping, medical use.</p> <p>ii. Satellite Technology- various uses in satellite navigation systems, GPS, and imprecise climate and weather analyses.</p> <p>iii. Information and Communication Technology- convergence of various technologies like satellite, computer and digital in the information revolution of today's society.</p> <p>iv. Biotechnology and Genetic engineering- applied biology and uses in medicine, pharmaceuticals and agriculture; genetically modified plant, animal and human life.</p> <p>v. Nanotechnology- definition: the study, control and application of phenomena and materials at length scales below 100 nm; uses in medicine, military intelligence and consumer products.</p> <p>Part B:Issues of Control, Access and Misuse of Technology. (4 Lectures)</p>

Sr. No.	Modules / Units
4	Introduction to Competitive Exams
	<p>Part A. Basic information on Competitive Examinations- the pattern, eligibility criteria and local centres:</p> <ul style="list-style-type: none"> i. Examinations conducted for entry into professional courses - Graduate Record Examinations (GRE), Graduate Management Admission Test (GMAT), Common Admission Test (CAT) and Scholastic Aptitude Test (SAT). ii. Examinations conducted for entry into jobs by Union Public Service Commission, Staff Selection Commission (SSC), State Public Service Commissions, Banking and Insurance sectors, and the National and State Eligibility Tests (NET / SET) for entry into teaching profession. <p>Part B. Soft skills required for competitive examinations- (7 Lectures)</p> <ul style="list-style-type: none"> i. Information on areas tested: Quantitative Ability, Data Interpretation, Verbal Ability and Logical Reasoning, Creativity and Lateral Thinking ii. Motivation: Concept, Theories and Types of Motivation iii. Goal-Setting: Types of Goals, SMART Goals, Stephen Covey's concept of human endowment iv. Time Management: Effective Strategies for Time Management v. Writing Skills: Paragraph Writing, Report Writing, Filing an application under the RTI Act, Consumer Grievance Letter.

References

1. Asthana, D. K., and Asthana, Meera, *Environmental Problems and Solutions*, S. Chand, New Delhi, 2012.
2. Bajpai, Asha, *Child Rights in India*, Oxford University Press, New Delhi, 2010.
3. Bhatnagar Mamta and Bhatnagar Nitin, *Effective Communication and Soft Skills*, Pearson India, New Delhi, 2011.
4. G Subba Rao, *Writing Skills for Civil Services Examination*, Access Publishing, New Delhi, 2014
5. Kaushal, Rachana, *Women and Human Rights in India*, Kaveri Books, New Delhi, 2000.
6. Mohapatra, Gaur Krishna Das, *Environmental Ecology*, Vikas, Noida, 2008.
7. Motilal, Shashi, and Nanda, Bijoy Lakshmi, *Human Rights: Gender and Environment*, Allied Publishers, New Delhi, 2007.
8. Murthy, D. B. N., *Disaster Management: Text and Case Studies*, Deep and Deep Publications, New Delhi, 2013.
9. Parsuraman, S., and Unnikrishnan, ed., *India Disasters Report II*, Oxford, New Delhi, 2013
10. Reza, B. K., *Disaster Management*, Global Publications, New Delhi, 2010.
11. Sathe, Satyaranjan P., *Judicial Activism in India*, Oxford University Press, New Delhi, 2003.
12. Singh, Ashok Kumar, *Science and Technology for Civil Service Examination*, Tata McGraw Hill, New Delhi, 2012.
13. Thorpe, Edgar, *General Studies Paper I Volume V*, Pearson, New Delhi, 2017.

Projects / Assignments (for Internal Assessment)

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.

QUESTION PAPER PATTERN (Semester III)

The Question Paper Pattern for Semester End Examination shall be as follows:

TOTAL MARKS: 75

DURATION: 150 MINUTES

QUESTION NUMBER	DESCRIPTION	MARKS ASSIGNED
1	<ol style="list-style-type: none">i. Question 1 A will be asked on the meaning / definition of concepts / terms from all Modules.ii. Question 1 B will be asked on the topic of the Project / Assignment done by the student during the Semesteriii. In all 8 Questions will be asked out of which 5 have to be attempted.	<ol style="list-style-type: none">a) Total marks: 15b) For 1 A, there will be 3 marks for each sub-question.c) For 1 B there will be 15 marks without any break-up.
2	Descriptive Question with internal option (A or B) on Module 1	15
3	Descriptive Question with internal option (A or B) on Module 2	15
4	Descriptive Question with internal option (A or B) on Module 3	15
5	Descriptive Question with internal option (A or B) on Module 4	15

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with Effect from the Academic Year 2017-2018**

5. Foundation Course - NSS IV

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	Entrepreneurship Development	10
2	Rural Resource Mobilization	10
3	Ideal village & stake of GOS and NGO	13
4	Institutional Social Responsibility and modes of Awareness	12
Total		45

Sr. No.	Modules / Units
1	Entrepreneurship Development
	<p>UNIT - I Entrepreneurship development Entrepreneurship development- its meaning and schemes Government and self-employment schemes for Entrepreneurship development</p> <p>UNIT - II - Cottage Industry Cottage Industry- its meaning, its role in development process Marketing of cottage products and outlets</p>
2	Rural Resource Mobilization
	<p>UNIT - I - Rural resource mobilization- A case study of eco-village, eco-tourism, agro-tourism</p> <p>UNIT - II - Micro financing with special reference to self-help groups</p>
3	Ideal village & stake of GOS and NGO
	<p>UNIT - I - Ideal village Ideal village- the concept Gandhian Concept of Ideal village Case studies on Ideal village</p> <p>UNIT - II - Government Organisations(GOs) and Non-Government Organisations (NGOs) The concept and functioning</p>
4	Institutional Social Responsibility and modes of Awareness
	<p>UNIT - I - Institutional Social Responsibilities Concept and functioning- case study of adapted village</p> <p>UNIT - II - Modes of awareness through fine Arts Skills Basics of performing Arts as tool for social awareness, street play, creative dance, patriotic song, folk songs and folk dance. Rangoli, posters, flip charts, placards, etc.</p>

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5.Foundation Course - NCC- IV

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	Disaster Management, Social Awareness and Community Development	10
2	Health and Hygiene	10
3	Drill with Arms	05
4	Weapon Training	10
5	Specialized Subject: Army Or Navy Or Air	10
Total		45

Sr. No.	Modules / Units
1	Disaster Management, Social Awareness and Community Development
	<p>Disaster Management:</p> <p>Desired outcome: The student shall gain basic information about civil defence organisation / NDMA & shall provide assistance to civil administration in various types of emergencies during natural / manmade disasters</p> <ul style="list-style-type: none"> • Fire Services & Fire fighting • Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc. <p>Social Awareness and Community Development:</p> <p>Desired outcome: The student shall have an understanding about social evils and shall inculcate sense of whistle blowing against such evils and ways to eradicate such evils.</p> <ul style="list-style-type: none"> • NGOs: Role & Contribution • Drug Abuse & Trafficking • Corruption • Social Evil viz. Dowry/ Female Foeticide/Child Abuse & trafficking etc. • Traffic Control Org. & Anti drunken Driving
2	Health and Hygiene
	<p>Desired outcome: The student shall be fully aware about personal health and hygiene lead a healthy life style and foster habits of restraint and self awareness.</p> <ul style="list-style-type: none"> • Hygiene and Sanitation (Personal and Food Hygiene) • Basics of Home Nursing & First-Aid in common medical emergencies • Wound & Fractures
3	Drill with Arms
	<p>Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, and turnout, and develop the quality of immediate and implicit obedience of orders, with good reflexes.</p> <ul style="list-style-type: none"> • Getting on Parade with Rifle and Dressing at the Order • Dismissing and Falling Out • General Salute, Salami Shastra • Squad Drill • Short/Long tail from the order and vice-versa • Examine Arms
4	Weapon Training
	<p>Desired outcome: The student shall have basic knowledge of weapons and their use and handling.</p> <ul style="list-style-type: none"> • The lying position, Holding and Aiming- I • Trigger control and firing a shot • Range procedure and safety precautions

	<ul style="list-style-type: none"> • Theory of Group and Snap Shooting • Short range firing, Aiming- II -Alteration of sight
5	<p>Specialized Subject: Army Or Navy Or Air</p>
	<p>Army</p> <p>Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces.</p> <p>It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects</p> <p>A. Map reading</p> <ul style="list-style-type: none"> • Setting a Map, finding North and own position • Map to ground, Ground to Map • Point to Point March <p>B. Field Craft and Battle Craft</p> <ul style="list-style-type: none"> • Observation, Camouflage and Concealment • Field Signals • Types of Knots and Lashing <p>C. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)</p> <p>OR</p> <p>Navy</p> <p>A. Naval Communication</p> <ul style="list-style-type: none"> • Semaphore <ul style="list-style-type: none"> ▪ Phonetic Alphabets ▪ Radio Telephony Procedure ▪ Wearing of National Flag, Ensign and Admiral's Flag. <p>B. Seamanship</p> <ul style="list-style-type: none"> • Anchor work <ul style="list-style-type: none"> ▪ Types of Anchor, Purpose and Holding ground • Boat work <ul style="list-style-type: none"> ▪ Demonstrate Rigging a whaler and enterprise boat- Parts of Sail and Sailing Terms ▪ Instructions in Enterprise Class Board including theory of Sailing, Elementary Sailing Tools ▪ Types of Power Boats Used in the Navy and their uses, Knowledge of Anchoring, Securing and Towing a Boat <p>C. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)</p>

Sr. No.	Modules / Units
	<p style="text-align: center;"><i>OR</i></p> <p>Air</p> <p>A. Air frames</p> <ul style="list-style-type: none"> • Fuselage • Main and Tail Plain <p>B. Instruments</p> <ul style="list-style-type: none"> • Introduction to RADAR <p>C. Aero modelling</p> <ul style="list-style-type: none"> • Flying/ Building of Aero models <p>D. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)</p>

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5.Foundation Course Physical Education- IV

Modules at a Glance

Sr. No.	Modules	No of Lectures
1	Stress Management	10
2	Awards, Scholarship & Government Schemes	10
3	Yoga Education	10
4	Exercise Scheduling/Prescription	15
	Total	45

Sr. No.	Modules / Units
1	Stress Management
	<ul style="list-style-type: none"> • Meaning & concept of Stress • Causes of Stress • Managing Stress • Coping Strategies
2	Awards, Scholarship & Government Schemes
	<ul style="list-style-type: none"> • State & National level Sports Awards • State Sports Policy & Scholarship Schemes • National Sports Policy & Scholarship Schemes • Prominent Sports Personalities
3	Yoga Education
	<ul style="list-style-type: none"> • Differences between Yogic Exercises & non- Yogic exercises • Contribution of Yoga to Sports • Principles of Asanas & Bandha • Misconceptions about Yoga
4	Exercise Scheduling/Prescription
	<ul style="list-style-type: none"> • Daily Routine Prescription. • Understanding Activity level & Calorie requirement. • Adherence & Motivation for exercise. • Impact of Lifestyle on Health

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6. Corporate Finance

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Corporate Finance- an overview	15
2	Planning the Corporate Financial Activities	15
3	Capital Structure	15
4	Sources and Methods of raising Corporate Finance	15
	Total	60

Sr. No.	Modules / Units
1	Corporate Finance- an overview
	Function of Finance in a business enterprise Emergence of corporate finance as an integral part of business finance Need for professional approach in managing corporate finance Role and functions of a Corporate Financial Manager Requirements of an efficient Corporate Financial Manager
2	Planning the corporate Financial Activities
	Theories of Capitalisation Owned Capital and borrowed Capital- Cost of Capital Break even analysis
3	Capital Structure
	Meaning and Definition of Capital structure Factors affecting Capital structure- trading on equity Watered Capital, over capitalization and under capitalization NPV, IRR, DCF analysis and pay back period
4	Sources and Methods of Raising Corporate Finance
	Types and features of corporate securities currently available Management of new issues including pricing of securities Role of commercial banks and investment banks in financing the corporate sector Leasing a s method of corporate finance

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester IV
with Effect from the Academic Year 2017-2018**

7. Business Economics -2

Modules at a Glance

Module No.	Title	No.of Lecture
1	Introduction to Macroeconomics	15
2	Money, Inflation and Monetary Policy	15
3.	Constituents of Fiscal Policy	15
4	Open Economy : Theory and Issues of International Trade	15
Total no. of lectures		60

Sr.	Modules / Units
1	INTRODUCTION TO MACRO ECONOMICS
	<ul style="list-style-type: none"> • Macroeconomics: Meaning, Scope and Importance. • Circular flow of aggregate income and expenditure: closed and open economy models • The Measurement of national product: Meaning and Importance - conventional and Green GNP and NNP concepts - Relationship between National Income and Economic Welfare. • Short run economic fluctuations : Features and Phases of Trade Cycles • The Keynesian Principle of Effective Demand: Aggregate Demand and Aggregate Supply - Consumption Function - Investment function - effects of Investment Multiplier on Changes in Income and Output
2	MONEY, INFLATION AND MONETARY POLICY
	<ul style="list-style-type: none"> • Money Supply: Determinants of Money Supply - Factors influencing Velocity of Circulation of Money • Demand for Money : Classical and Keynesian approaches and Keynes' liquidity preference theory of interest • Money and prices : Quantity theory of money - Fisher's equation of exchange - Cambridge cash balance approach • Inflation: Demand Pull Inflation and Cost Push Inflation - Effects of Inflation- Nature of inflation in a developing economy. • Monetary policy : Meaning, objectives and instruments, inflation targeting
3	CONSTITUENTS OF FISCAL POLICY
	<ul style="list-style-type: none"> • Role of a Government to provide Public goods- Principles of Sound and Functional Finance • Fiscal Policy: Meaning, Objectives - Contra cyclical Fiscal Policy and Discretionary Fiscal Policy • Instruments of Fiscal policy : Canons of taxation - Factors influencing incidence of taxation - Effects of taxation - Significance of Public Expenditure - Low Income Support and Social Insurance Programmes - Public Debt - Types, Public Debt and Fiscal Solvency, Burden of debt finance • Union budget -Structure- Deficit concepts-Fiscal Responsibility and Budget Management Act.

4	OPEN ECONOMY : THEORY AND ISSUES OF INTERNATIONAL TRADE
	<ul style="list-style-type: none"> • The basis of international trade : Ricardo’s Theory of comparative cost advantage - The Heckscher – Ohlin theory of factor endowments - terms of trade - meaning and types - Factors determining terms of trade - Gains from trade - Free trade versus protection • Foreign Investment : Foreign Portfolio investment- Benefits of Portfolio capital flows- Foreign Direct Investment - Merits of Foreign Direct Investment - Role of Multinational corporations • Balance of Payments: Structure - Types of Disequilibrium - Measures to correct disequilibrium in BOP. • Foreign Exchange rate : Spot and Forward rate of Exchange - Hedging, Speculation and Arbitrage -Fixed and Flexible exchange rates- Managed flexibility

Question Paper Pattern (Practical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A. Sub Questions to be asked 10 and to be answered any 08 B. Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Practical Question OR	15 Marks
Q-2	Full Length Practical Question	15 Marks
Q-3	Full Length Practical Question OR	15 Marks
Q-3	Full Length Practical Question	15 Marks
Q-4	Full Length Practical Question OR	15 Marks
Q-4	Full Length Practical Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Practical question of 15 marks may be divided into two sub questions of 7/8 and 10/5Marks. If the topic demands, instead of practical questions, appropriate theory question may be asked.

Question Paper Pattern

(Theoretical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Question OR	15 Marks
Q-2	Full Length Question	15 Marks
Q-3	Full Length Question OR	15 Marks
Q-3	Full Length Question	15 Marks
Q-4	Full Length Question OR	15 Marks
Q-4	Full Length Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Theory question of 15 marks may be divided into two sub questions of 7/8 and 10/5Marks.

QUESTION PAPER PATTERN

Business Economics Semester IV

Maximum Marks: 75 Marks

Time: 2:30 Hours

Note: 1) Attempt all Questions

2) All Questions carry equal marks

Question	Particulars	Marks
Q-1 (from Module I)	Answer any two A) Full Length Question B) Full Length Question C) Full Length Question	15Marks
Q-2 (from Module II)	Answer any two A) Full Length Question B) Full Length Question C) Full Length Question	15Marks
Q-3 (from Module III)	Answer any two A) Full Length Question B) Full Length Question C) Full Length Question	15Marks
Q-4 (from Module IV)	Answer any two A) Full Length Question B) Full Length Question C) Full Length Question	15Marks
Q-5 (from Module I- IV)	Objective Question A)Conceptual questions (any Four out of six questions) B)Multiple Choice Questions (seven questions at least one from each module)	15Marks (8) (7)

**Revised Syllabus of Courses of B.Com.(Financial Markets)
Programme at Semester III and IV
with effect from the Academic Year 2017-2018
Reference Books**

Debt Markets

- Bhardwaj, Gautam, (2008), The Future of India's Debt Market, Tata McGraw Hill.
- Suryanarayan, (2002), Debt Market, ICFAI Publication Press.
- Fabozzi, Frank, (2004), Fixed Income Analysis Workbook, 2nd edition , John Wiley & Sons
- Shah, Ajay, Thomas, Sushan and Gorham, Michael, (2008), Indian Financial Markets, Elsevier, USA
- FIMMDA-NSE Debt Market (Basic) Module, Workbook from NSE.
- Dun and Bradstreet, (2008), Fixed Income Securities, Tata McGraw Hill.

Equity Markets

1. Equity Markets in India- Shveta singh & P K Jain
2. Equity and Debt Markets- Hardeep Kaur
3. An Introduction to Equity Markets- David Dasey

Commodity Markets/ Commodity Derivatives

- Commodities Market Module, Workbook from NSE
- Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill.
- Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition), Prentice Hall.
- Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons.
- Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India Ltd

Portfolio Management

- Security Analysis and Portfolio Management, Prasanna Chandra, Tata McGraw Hill
- Security Analysis and Portfolio Management, Ravi Kishor, Taxman Publishers
- Financial Management, Khan & Jain, Tata McGraw Hill
- Fundamentals of Investment Management, Hirt and Block, Tata McGraw Hill. Ed 2009.
- Portfolio Management Handbook, Robert A. Strong, Jaico Publishing House, Mumbai
- Portfolio Management : A Strategic approach, Ginger Levin, John Wyzalek: CRC Press
- Modern Portfolio Theory and Investment Analysis: Edwin J Elton, Martin Gruber : Wiley

Treasury Management

- Treasury Management in India; V.A. Avadhani: Himalaya Publishing House.
- Treasury Management; Hudson Robert
- Treasury Management: the Practitioner's guide: Steven M Bragg
- Treasury Fundamentals: Antonio Morelli
- The Handbook of Global Corporate Treasury: Rajiv Rajendra

Money Markets

- Money Market Operations in India- A K Sengupta
- The Indian Money Market- Krishna Kumar sharma
- Stigum's Money Market- Marcia Stigum
- CNBC Guide to Money and Markets

Business Law

- Indian Contract Act , Sale of Goods Act and Partnership Act – Desai T R – S C – Sarkar and sons
- The Negotiable Instruments Act – Khergamwala J S – N M Tripathy
- The Principles of Mercantile Law – Singh Avtar – Eastern Books Co.
- T P Ghosh on Companies Act 2013: T P Ghosh: Taxmann
- E Book by ICAI on Companies Act 2013
- E Book by Institute of Company Secretaries of India
- Intellectual Property Rights in India: Dr V K Ahuja: Wadhwa Book Company
- SEBI Manual by Taxmann
- SEBI Act : Sumit Agarwal and Robin Joseph Baby: Taxmann
- Securities Contract Regulation Act and Rules
- Practical Guide to Limited Liability Partnership : P L Subramanian : Snow white Publication
- Text book on Indian Partnership Act with Limited Liability Partnership Act Dr Madhusudan Saharay : Universal Law Publishing Company

Management accounting

- Cost Management by Saxena & Vashist
- Cost & Management Accounting by Ravi N.Kishor ,Publication Taxmonth
- Essential of Management Accounting by P.N.Reddy,Himalaye
- Advanced Management Accounting by Robert S Kailar,Holl
- Financial Of Management Accounting by S.R.Varshney,Wisdom
- Introduction of Management Accounting by Charbs T Horngam, PHI Learnng
- Management Accounting by I.m.Pandey, Vikas
- Cost & Management Accounting by D.K.Mattal,Galgotia
- Management Accounting by Khan & Jain,Tata Megaw
- Management Accounting by R.P.Rastogi

Corporate Finance

- Prasanna Chandra: Financial Management (TMH),
- I. M. Pandey – Financial Management (Vikas),
- M. Y. Khan & P. K. Jain – Financial Management (TMH),
- Brigham & Houston – Fundamentals of Financial Mgmt., Thomson Cengage Learning
- Fundamentals of Financial Management – Vanhorns & Bhandari- Pearson evaluation.
- Contemporary Financial Management – Kothari & Dutta – Machanilan India Ltd.
- Financial Markets & Institution – Guruswamy – Thomson / Cengage Learning
- Stephen A. Ross, Wester FIELD, Jordan – Fundamentals of Corporate Finance (Mac Graw Hill)
- Vanhorne & Wachowicz, Fundamentals of Financial Management – Pearson
- Damodaran, Corporate Finance – John Wiley & Co.

Foreign Exchange Markets

- Foreign Exchange Market- Dun and Bradstreet
- International Financial Markets and Foreign Exchange- Shashi K Gupta and Parneet Ranjgi
- A Foreign Exchange Primer: Shani Shamah: Wiley
- Understanding the Foreign Exchange Markets: M R Prashant/Pawan Kumar Avadhanam/Jayaditya Sharma Korada:LAP Lambers Academic Publishers
- Foreign Exchange:A Practical guide to FX Markets:Weithers Timothy M Weithers: Wiley

Merchant Banking

- A Manual of Merchant Banking: J.C.Verma : Bharath Publishing House, New Delhi,
- Merchant Banking: H R Machiraju : New Age International Publishers
- Merchant Banking and Financial services : Madhu Vij and Swati Dhavan: Tata Mc Graw Hill
- Merchant Banking and Financial Services: S Guruswamy: Tata McGraw Hill

Personal Financial Planning

1. The only Financial Planning Book that you will ever need: Amar Pandit: TV 18 Broadcast Ltd (CNBC TV18)
2. How to be your own financial planner: Manish Chauhan : TV 18 Broadcast Ltd (CNBC TV18)
3. Value Investing and Behavioral Finance : Parag Parikh:Mcgraw Hills Education

4. Publications by Financial Planning Standard Board
5. E Book by The Financial Planners' Guild India

Computer Skills -2

Fundamentals of Computers – Rajaram V – Prentice Hall

Computer today (3rd edition) – Sanders, Donald H – McGraw Hill

Computers and Common sense – Hunt, Roger and Shelly John – Prentice Hall

Computers – Subramaniam N – Wheeler

Introduction to Computers – Xavier C. – New Age

Computer in Business – Sanders D – McGraw Hill

Computers and Information Management – S C Bhatnagar & V Ramant – Prentice Hall

Internet for Business – Brummer, Lavrej – Cambridge

E-mail for Everyone – Leon Alexis & leon – Methews

Reference Books—NCC

- *Cadet's Hand book – Common subject..all wings, BY DG NCC, New Delhi.*
- *Cadet's Hand book – Specialised Subjects, Army, Navy, Air-force, BY DG NCC, New Delhi.*
- *NCC OTA Precise, BY DG NCC, New Delhi.*
- *“AVAN” Model of Disaster Mang., Vinayak Dalvie, Proceedings of Int. Conf. on Urban Plan. and Env Strat & Challenges, Elphinstone College, Jan 2007.*
- *Humanistic Tradition of India, N.L.Gupta, Mohit Publication, New Delhi*
- *Social psychology, Baron & Byrne, Pearson Publication, 12th Edition self awareness know yourself / insight (110) Group & Individuals (374) Group discussion*
- *Chanakya's 7 Secrets of Leadership, Radhakrishanan Pillai and D.Shivnandhan, Jaico*
- *Social Psychology: Understanding Human Interaction, Baron, Robert A., (302/BAR/BYR),7th Edition*
- *Seven Habits of Highly Effective People., Covey, Stephen*
- *The Habit of Winning., Iyer, Prakash, Penguin, India; 2011*
- *The Goal, Goldratt, Eliyahu, The Northriver press; 1994*
- *Freedom Struggle, Chandra Bipin, National Book Trust 1972*
- *Freedom of Religion and The Indian Judiciary, Bachal V.M., Shubhada Saraswat, (362P)*
- *India 1996- A Reference Annual Govt. of India*
- *Saha Soneri Pane, Vinayak D. Savarkar*
- *Environmental Biology and Toxicology, P.D. Sharma., Rastogi Publication*
- *Environmental Science, S.C. Santra, New Central Book Agency*
- *National Cadet Corps (India), Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011*
- *National Cadet Corps, Youth in Action (Google eBook), National Cadet Corps (India), Lancer Publishers, 2003*
- *Youth in Step: History of the National Cadet Corps, V. Longer, Lancer international, 1983 Original from the University of Michigan*
- *National Cadet Corps of India, Man Mohan Sharma, Vision Books, 1980 Original from the University of Michigan*
- *The National Cadet Corps Act, 1948, as Modify Up to the 1st July 1963, India, Government of India Press, 1963 (Military Law)*

- *Cadet Corps in India: Its Evolution and Impact*, Satis Chandra Maikap, Darbari Udyog, 1979
Original from the University of California
- *National Cadet Corps: 100 Years of Distinction*, National Cadet Corps (Singapore), NCC
- *The NCC, Singapore*, National Cadet Corps Council, National Cadet Corps Council
- *Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006*, R.S. Chhettri, Lancer Publishers, 2006
- *National Civil Defence Cadet Corps*, Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011
- *Discovery of India*, Jawaharlal Nehru
- *Health and Hygiene*, Manoj. J.S., Agra University Publication
- *Yoga for Healing*, Venkateswaran P.S., Bombay:- Jaico Publishing House 1989
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- *Yoga Practice*, 1972, Shivnande Swami, Mumbai:- D.B. Taraporewala 1972
- *Yoga of Patanjali-1979*, Yardi M.R., Bhandarkar Oriental Research Institute- 1974
- *Sustainable Development (An Alternative Paradigm)*, Satpathy , N., Karnavati Publications , Ahmedabad
- *Global Partners for Sustainable Development*, Pachauri R.K & Srivastava L., Tata Energy Research Institute, New Delhi ; 1994, 1998
- *Ecology and the Politics of survival : Conflict over Natural Resources in India*, Shiva , Vandana, Sage Publications , California , 1991

Reference Books- NSS

- National Service Scheme Manual (Revised) 2006, Government of India, Ministry of Youth Affairs and Sports, New Delhi.
- University of Mumbai National Service Scheme Manual 2009.
- Avhan Chancellor's Brigade - NSS Wing, Training camp on Disaster Preparedness Guidelines, March 2012
- Rashtriya Seva Yojana Sankalpana - Prof. Dr. Sankay Chakane, Dr. Pramod Pabrekar, Diamond Publication, Pune
- National Service Scheme Manual for NSS District Coordinators, National Service Scheme Cell, Dept. of Higher and Technical Education, Mantralaya,
- Annual report of National Service Scheme (NSS) published by Dept. of Higher and Technical Education, Mantralaya,
- NSS Cell, Dept. of Higher and Technical Education, Mantralaya, UTKARSHA- Socio and cultural guidelines
- Case material as a Training Aid for Field Workers, Gurmeet Hans.
- Social service opportunities in hospitals, Kapil K. Krishnan, TISS
- New Trends in NSS, Research papers published by University of Pune
- ANOOGUNJ Research Journal, published by NSS Unit C. K. Thakur college
- Training Manual for Field Work published by RGNIYD, Chreeperumbudur
- Prof. Ghatole R.N. Rural Social Science and Community Development.
- Purushottam Sheth, Dr. Shailaja Mane, National Service Scheme
- Joint programme of National Service Scheme, University of Mumbai & DISHA - DEEPSHIKHA Projects, Nair Hospital, 2011-12
- National Service Scheme in India: A Case study of Karnataka, M. B. Dishad, Trust Publications, 2001
- <http://www.thebetterindia.com/140/national-service-scheme-nss/>
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Reference Books- Physical Education

Ackley.G (1976), Macro Economic Theory and Policy, Macmillan Publishing Co. New York

- Kamlesh, M.L. (2002). Foundation of Physical Education. New Delhi : Metropolitan Book & Co. Ptd. Ltd.
- Kansal, D.K. (2012). A Text book of Applied Measurement Evaluation and Sports Selection (3rd Ed.). New Delhi : DVS Publication.
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- Murgesh N. (1990)– Anatomy, Physiology and Health Education, Sathya, Chinnalapatti,.
- NASPE. (2005). Physical Education for lifelong fitness. The physical Best teacher's guide. IL:Human Kinetics
- Nieman, D.C.(1986). Fitness and Sports Medicine : Health Related Approach London: Mayfield Publishing Co.
- Nimbalkar. Sadashiv(2004), Yoga for Health and Peace.- 6th Ed., Yoga Vidya Niketan, Mumbai,.,
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- Pandey ,&Gangopadhyay.(1995). Health Education for school children. New Delhi : Friends Publication.
- Safrit, M. (1990). Introduction to Measurement in Physical Education and Exercise Science. St. Louis,Toronto,Bastan : Times Mirror/Mosby College Publishing.
- Sharma, O.P. (1998). History of Physical Education. Delhi: Khel Sahitya Kendra.Werner.
- W.K., Hoeger. (2007). Fitness and Wellness. (8th ed.). Wadsworth, Cengage Learning.

Reference Books- Macro Economics

- Ahuja. H.L., Modern Economics — S.Chand Company Ltd. New Delhi.
- Bhatia H.L.: Public Finance. Vikas Publishing House Pvt. Ltd
- Dornbush , Fisher and Startz, Macroeconomics, Tata-Mac Graw Hill, New Delhi.
- Dwivedi, D.N. (2001), Macro Economics: Theory and Policy, Tata-Mac Graw Hill, New Delhi.
- Friedman Hilton (1953) Essays in Positive Economics, University of Chicago Press, London.
- Francis Cherunilam International Economics Tata McGraw – Hill Publishing co.Ltd.New Delhi.
- Gregory .N. Mankiw, Macroeconomics, Fifth Edition (2002) New York:Worth Publishers
- Jhingan, M.L., Principles of Economics — Vrinda Publications (P) Ltd.
- Jhingan M.L. – International Economics – Vrinda publication Pvt. Ltd – Delhi
- Musgrave, R.A and P.B. Musgrave (1976) : Public Finance in Theory and Practice, Tata McGraw Hill, Kogakusha, Tokyo
- Shapiro, E (1996), Macro-Economic Analysis, Golgotha Publication, New Delhi.
- Singh.S.K. (2014): Public finance in Theory and Practice, S.Chand &co Pvt Ltd, New Delhi
- Salvatore Dominick – International Economics – John Wiley & sons, Inc Singapore
- Vaish .M.C. (2010) Macro Economic Theory 14th edition, Vikas Publishing House(P)Ltd

University of Mumbai



**Revised Syllabus
of Courses of
B.Com. (Financial Markets)
Programme
Second Year
Semester V and VI**

Under Credit, Grading and Semester System

With effect from Academic Year- 2017-2018

Board of Studies-Financial Markets

T.Y.B.Com. (Financial Markets)

(To be implemented from Academic Year- 2017-2018)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
5.1	Marketing in financial Services	3	6.1	Venture Capital & Private Equity	3
5.2	Technical Analysis	3	6.2	Mutual Fund Management	3
5.3	Financial derivatives	3	6.3	Risk Management	3
5.4	Organizational Behaviour	3	6.4	Strategic Corporate Finance	3
5.5	Corporate Accounting	3	6.5	Corporate Restructuring	3
5.6	Project-1	3	6.6	Project-2	3
Total Credits		18	Total Credits		18

5.1. Marketing in Financial Services

1	Foundation of services marketing – Introduction – The services concept – Service Industry – Nature of Service, Characteristics of Services, Classification of Services – Importance of Services Marketing – The Growth in Services – Global and Indian Scenario, Retail Financial Services: Investment Services – Insurance Services, Credit Services – Dimensions and drivers, Institutional Financial Service, Distinctive Characteristics of Services – Four I’s of Services – Intangibility, Inconsistency, Inseparability and Inventory, Managing Service Encounters.	
2	Services Market Segmentation – Positioning and Differentiation of Services, Promotion and Communication – Designing and Managing Service Processes, Constructing and Service Environment – Managing People for Service Advantage – Service Quality and Productivity – Customer Relationship Management Customer Loyalty.	
3	Issues in Marketing of Services – Extended Services Marketing Mix : Going Beyond the 4 Ps. (7Ps of Services Marketing). Service Delivery Process – Service Blueprints - Service Mapping – Managing Employees for service orientation. Distribution Strategies of Services – Challenges in Distribution of Services. Personal Selling – Advertising and Sales Promotion in Service Industry.	
4	Customer Satisfaction & Service Quality in Service Marketing – Service Encounter – Role of HR & Internal Marketing – Monitoring and Measuring customer satisfaction, GAP Model – Handling complaints effectively – Service Failure – Recovery, Use of Internet in Service Marketing, Role of IT in marketing Financial Services, Ethics in Marketing, New trends in marketing, Marketing in 21 st Century, Marketing through social networking channels	

- Marketing Financial Services: Arthur Meidam: Macmillan
- Marketing Financial Services: Christine Ennew, Trevor Watkins Mike Wright: Routledge
- The Essence of Services Marketing.: Payne, Adrian: Prentice Hall of India Private Limited,
- Customer Service Meaning and Measurement: La Londe, B.J. and Zinszer, P.H: National Council of Physical Distribution Management (NCPDM.)
- Financial Services Marketing: Harrison, Tina: Pearson Education.

5.2. Technical Analysis

Sr. No.	Modules / Units
1	Introduction to Technical Analysis
	<ul style="list-style-type: none"> Technical analysis, Basic assumptions, Strengths and Weakness; Dow theory, Charts, Candlestick charts analysis with one two and three candles like hammer, hanging man, shooting star, bearish and bullish harami; Pattern Study - Support and resistance, Head and shoulders, Double top and double bottom and Gap theory.
2	Major Indicators and Oscillators
	<ul style="list-style-type: none"> Stochastic, RSI, Williams %R, MFI, Bollinger bands, Moving Averages, MACD
3	Major Theories in TA
	<ul style="list-style-type: none"> Dow Theory and Eliot Wave Theory
4	Risk Management, Trading Psychology and Trading Strategies
	<ul style="list-style-type: none"> Risk Management – Need, techniques, uses of stop loss, qualities of successful traders, golden rules of traders, do's and don'ts in trading, Rules to stop losing money, Choosing the right market to trade, Importance of discipline in trading; Day trading, Advantages of day trading, Risks associated with trading, Strategies for day trading, Momentum trading strategies.

Reference Books

- Technical Analysis of Stock Trend; Robert D Edwards, Visiosn Book
- Technical Analysis Explained; Martin J Pring; McGraw Hill
- Handbook of Technical Analysis, Darell R Jobman; Probus
- Technical Analysis of Stocks , options; William Eng, Probus
- Technical Analysis, Jack D Schwager, John Wiley & Sons

5.3 Financial Derivatives

Sr. No.	Modules / Units
1	Introduction to Derivatives
	<ul style="list-style-type: none"> • Definition – Types- Participants and Functions- Development of Exchange traded derivatives- Global derivatives markets- Exchange traded vs OTC derivatives markets- Derivatives trading in India- L.C.Gupta committee- J.C. varma committee- Requirements for a successful derivatives markets
2	Futures and options- introduction
	<ul style="list-style-type: none"> • Futures: Introduction- Future terminology- Key features of futures contracts- Future vs. Forwards- Pay off for futures- Equity futures- Equity futures in India-Index futures- Stock futures- Future trading strategies- Hedging- Speculation- Arbitrage- Spread trading. • Options: Introduction- Option terminology- Types- Options pay off- Equity options contracts in India-Index Options – Stock options- Options trading strategies- Hedging- Speculation- Arbitrage- Straddle- Strangles- Strips and Straps – Spread trading
3	Pricing of Future Options
	<ul style="list-style-type: none"> • The cost of carry models for stock and index futures- cash price and future price, arbitrage opportunity • Factors affecting options pricing- Option pricing models- Binominal pricing model- The black and Scholes model –Pricing of Index options. • Sensitivity of option premia (Delta, Gamma, Lambda, Theta, Rho)
4	Trading Clearing and Settlement of Options and Futures
	<ul style="list-style-type: none"> • Futures and Options trading system- Trader workstations- contract specification- specification for stock and index eligibility for trading charges • Clearing entities and their role- clearing mechanism –adjustment for corporate actions- open position calculation • Margining and settlement mechanism- Risk management- SPAN – Mechanics of SPAN- Overall portfolio margin requirements.

Reference Books

FINANCIAL DERIVATIVES THEORY, CONCEPTS AND PROBLEMS Gupta S.L., PHI, Delhi

FINANCIAL DERIVATIVES: S S S Kumar:

DERIVATIVES and Risk Management Basics, Cengage Learning, Delhi. Stulz M. Rene,

RISK MANAGEMENT & DERIVATIVES, Cengage Learning, New Delhi.

Fundamentals of Financial Derivatives : Prafulla Kumar Swain : Himalaya Publishing

5.4.Organisational Behaviour

Sr. No.	Modules / Units
1	Introduction to Organisation Behaviour
	<ul style="list-style-type: none"> Organisational Behaviour- Organisational Behaviour Multidiscipline- Different model of Organisational Behaviour- Individual behaviour is studied through Perception- Personality - Values- Attitudes- Job satisfaction- Motivation- Learning Understanding self studied through- Perception and Personality Understanding self studied through- Values and Attitudes
2	Understanding Others: Interpersonal relationships
	<ul style="list-style-type: none"> Conflict Management –Nature of Conflict- Level of Conflict- Source of Conflict- Effects of Conflict- Process of Conflict- Stages of Conflict- Conflict Handling Orientations Power and Organisational Politics-Sources of Power-Organisational Politics- Influence and Political Power
3	Group Behaviour and Group Dynamics
	<ul style="list-style-type: none"> Group Behaviour, Informal Groups – Group Dynamics- Types of Groups- Nature and effects of Informal groups-Benefits of Informal groups-Formal groups –Monitoring informal organisation- Identifying and Rewarding Informal leader-Key Roles of Informal leader –Are there Multiple informal leaders? Formal Groups- Potential Outcomes of Informal Group Processes
4	Stress Management, Change and Team Building
	<ul style="list-style-type: none"> Stress Management and Counselling- How it Comes About –How it Affects Various Elements of Job Performance- Extreme Product of Stress- Stress and Job Performance-Approaches to Stress Management-Characteristic of Counselling-Types of Counselling Change and its Effects- Nature of Change – Effect of Change – Response to Change – Resistance to change – Reasons for Resistance to Change- Transformational Leadership and Change-What are Elements of Transformational Leadership- Three stage model of changes Process Team and Team Building- Modern organisation- Outcomes of Modern Organisation- Team work – Task team- Difference Between Groups and Teams- Life cycle of Team –Major Factors for Effective Teams- Team Building- Need for Team building- Team Building Process- Skills Useful in Team Building

Reference books

Organisational Behaviour: Ashwathappa K : Himalaya Publishing
 Organisational Behaviour: Jit S Chandran : Vikas Publishing House
 Organisational Behaviour: Fred Luthans: Mc Graw Hill
 Organisational Behaviour : Robbins, Stephen: Pearson
 Organisational Behaviour: P C Pardeshi : Everest
 Organisational Behaviour: L M Prasad: S Chand

5.5. Corporate Accounting

Sr. No.	Modules / Units
1	Redemption of Preference shares and redemption of debentures
	<p><u>Redemption of Preference Shares</u></p> <ul style="list-style-type: none"> • Company Law / Legal Provisions for redemption • Sources of redemption including divisible profits and proceeds of fresh issue of shares) Premium on redemption from security premium and profits of company • Capital Redemption Reserve Account - creation and use <p><u>Redemption of Debentures (Including purchase or buy back of own debentures)</u></p> <ul style="list-style-type: none"> • By payment from sources including out of capital and/ or out of profits • Debenture redemption reserve and debenture redemption sinking fund excluding insurance policy • By conversion into new class of shares or debentures with options including at par, premium and discount • Purchase/ buy back of own debentures for immediate cancellation or holding including ex and cum interest for purchase/ sale price (excluding brokerage thereon)
2	Ascertainment and treatment of profit prior to incorporation
	<p>Principles for ascertainment</p> <p>Preparation of separate, combined and columnar profit and loss a/c including different basis of allocation of expenses / incomes</p>
3	Amalgamation of Companies (w.r.t. AS 14) (Excluding Intercompany Holdings)
	<p>In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase methods respectively</p> <p>Computation and meaning of purchase consideration</p> <p>Problems based on purchase method of accounting only</p>
4	Capital Reduction and Internal Reconstruction
	<p>Need for reconstruction and Company Law provisions</p> <p>Distinction between internal and external reconstructions</p> <p>Methods including alteration of share capital, variation of share holder rights, sub division, consolidation, surrender and reissue/cancellation, reduction of share capital, with relevant legal provisions and accounting treatments for same</p>

Reference Books

Introduction to Corporate Accounting: P C Tulsian: S Chand

Corporate Accounting: Rajsekaran V : Pearson

Corporate Accounting : S N Maheshwari: Vikas Publishing House

Corporate Accounting M C Shukla, T S Grewal and S C Gupta: S Chand

Advanced Accountancy: R L Gupta : S Chand

B.Com. (Financial Markets) Programme
Under Choice Based Credit, Grading and Semester System
Course Structure

(To be implemented from Academic Year- 2017-2018)

Semester VI

No. of Courses	Semester VI	Credits
1	Venture Capital & Private Equity	3
2	Mutual Fund Management	3
3	Risk Management	3
4	Strategic Corporate Finance	3
5	Corporate Restructuring	4
6	Project-2	4
Total Credits		20

**Revised Syllabus of Courses of B.Com. (Financial Markets)
Programme at Semester VI
with Effect from the Academic Year 2017-2018**

6.1.Venture Capital and Private Equity

Sr. No.	Modules / Units
1	Conceptual understanding of Venture Capital and Private Equity
	<ul style="list-style-type: none"> • Venture Capital –Over View of Venture Capital- Definition- Features- Types – Roles • Concept of PE and its characteristics- Definition- Difference between PE,VC and Hedge Funds- Nature of PE Firm- Players in the PE market– Benefit of PE Finance • PE Fund –Legal structure and terms- Private Equity Investments and Financing- Private Equity Multiples and Prices- Private Equity Funds and Private Equity Firms- Investment Feature and Consideration
2	Structure and Valuation approaches
	<ul style="list-style-type: none"> • Structure and Regulation of Venture Capital and Private Equity- Business Cycle of PE –Structure of VC/PE firms- Limited Liability Partnerships- Routes of VC/PE investments in India- Regulatory Aspects of VC/PE investments • Valuation approaches- Risk and Returns- Analysis of Funds- Conventional Method- Revenue Multiplier Method
3	Strategies of Private Equity
	<ul style="list-style-type: none"> • Leverage Buyout- • Growth Capital- • Mezzanine Capital- • Distressed Debt- • other Strategies • Due Diligence- Procedure and Challenges- Due Diligence in Emerging PE Market-Investing in Developing Market- Past Performance and Strategy
4	Exit strategies for Private Equity
	<ul style="list-style-type: none"> • Modes of exits in Indian Context and Challenges involved- • IPO- • Promoter Buyback • Sale to Other PE funds • Sale to other strategic Investors • Stake Swap- • M & A's • Open Market- • Secondary Market

Reference Books:

The Masters of Private Equity and Venture Capital: Robert Finkel: McGraw-Hill Education

Guide to Private Equity : CA Neha Bhuvania: Taxmann

Venture Capital, Private Equity, and the Financing of Entrepreneurship: Josh Lerner , Ann Leamon , Felda Hardyman : Wiley

The Business of Venture Capital: Mahendra Ransinghani: Wiley Finance

Venture Capital Financing in India: J C Verma :Response Books

6.2. Mutual Fund Management

Sr. No.	Modules / Units
1	Mutual Fund Organization and Management
	<ul style="list-style-type: none"> • Introduction: Meaning of Mutual Fund, Structure in India, Sponsors, Trust, Role of AMC, NFOs , Registrars, Agents, • Types of Mutual Fund schemes • Objectives of AMFI, Advantage of Mutual Funds, Systematic Investment Plan (SIP), Systematic Transfer Plan (STP), Systematic Withdrawal Plan (SWP)
2	Mutual Fund Products,
	<ul style="list-style-type: none"> • Mutual Fund Products and Features: Equity funds: Definition, Features of Equity Funds, Index Fund, Large Cap Funds, Mid Cap Funds, Sectoral Funds, Types of Equity Schemes, Arbitrage funds, Multi-cap Funds, Quant funds, P / E Ratio funds, International Equities Fund, Growth Schemes. • Gold Exchange Trade Funds (ETFs): Introduction, Features, Working of ETFs, Market Making with ETFs, Creation Units, Portfolio Deposit and Cash Component • Debt Fund: Features, Interest Rate Risk, Credit Risk, Pricing of Debt Instrument Schemes, Fixed Maturity Plans, Capital Protection Funds, Gilt Funds, Balanced Funds, MIPs ,Child Benefit Plans. • Liquid funds: Features, Floating rate scheme, Portfolio of liquids funds.
3	Investment and Performance Measurement
	<ul style="list-style-type: none"> • Fund Performance, • Measuring Return, • Measuring Risk, • Risk adjusted return, • Comparing Fund Performance with a reference, various standardized performance systems, • Limitations of Performance measurement and evaluation.
4	Accounting and Taxation of Mutual Funds
	<ul style="list-style-type: none"> • Accounting: Net Asset Value (NAV)-Meaning-Computation- Factors affecting NAV-Pricing of Units- Fees and Expenses- Investment Management and Advisory Fees –Initial Expenses- Recurring Expenses- Total expenses- Accounting policies. • Valuation-: Valuation of thinly traded securities- Valuation of Non trade securities-Valuation and disclosure of illiquid securities. • Taxation: Dividends- Capital Gains- Tax Rebate- Restrictions on Dividends Stripping.

Indian Mutual Funds Handbook : Sundar Sankaran: Vision Books

Morningstar Guide to Mutual Funds: 5-Star Strategies for Success : Christine Benz.: Wiley

Working of Mutual Fund Organisations in India: P Mohana Rao: Kanishka Publications

Mutual Funds in India: Amitabh Gupta: Anmol Publications

Bogle on Mutual Funds: New Perspectives for The Intelligent Investor: Jogn C Bogle: Wiley

6.3. Risk Management

Sr. No.	Modules / Units
1	Introduction to Risk Management
	<ul style="list-style-type: none"> • The Concept of Risk, Identification of Risk faced by Organization • Risk and Uncertainty, Strategic and Operational Risks • Dynamic Nature of Risks • Business Risk • Financial Risk faced by Organization • Objectives of Risks Management • Process of Risk Management
2	Evaluation of Risk
	<ul style="list-style-type: none"> • Evaluation of Organization's ability to bear them • Risk Measurement • Sources and Impact of Common Business Risk Market, Credit , Liquidity, Technological, Legal Environmental, Reputation, Country Risk • Identify and assess the impact upon the stakeholder involved in Business Risk • Nature and Importance of Financial Risk, Evaluation of Financial Risk, Evaluation of Alternative Risk Management Tools • Role of Risk Manager and Risk Committee in identifying and managing risk
3	Foreign Exchange Risk
	<ul style="list-style-type: none"> • Forex Market • Identifying and Analyzing Forex Risk • Managing Forex Risk
4	Exchange Rate Risk
	<ul style="list-style-type: none"> • Interest Rate Market and Mathematics • Identifying and Analyzing Interest Rate Risk • Measuring Interest Rate Risk

- The Essentials of Risk Management: Michel Crouhy, Dan Galai, Robert Mark :MC Graw Hill Education
- A Practical Guide to Risk Management : Thomas S Koleman: Research Foundation of CFA Institute
- Risk Management – Concepts and Guidance: Carl Pritchard: CRC Press
- Risk Management: Prof C K Roy: Vayu Education

6.4. Strategic Corporate Finance

Sr. No.	Modules / Units
1	Strategic Corporate Finance
	<ul style="list-style-type: none"> • Introduction to Strategic Corporate Finance: Strategy Vs. Planning, Significance of Strategy in Financial Decisions, Different Types of Financial Strategy for Shareholders, Wealth Maximization, Overall Corporate Value Addition and Economics Value Addition. • Strategic Cost Management: Traditional Costing Vs. Strategic Costing, Relevant costs Vs Irrelevant costs, Different Types of Strategic costing and their relevance- Traditional Costing Vs Activity Based Costing, Target Costing, Life Cycle Costing, Quality Costing, Zero Based Budgeting, Strategic Cost Reduction Techniques and value chain analysis.
2	Fund raising
	<ul style="list-style-type: none"> • Fundraising: Identification of different sources of capital, determination of capital structure and factors affecting the capital structure, cost of capital and cost saving strategy, production of a business plan, and financial forecasts to enable potential funders to assess the proposition. • Alternate Sources of Financing- Different Approaches to and moels of Infrastructure Projects Financing- Public Private Partnership (PPP) and its relevance, • Dividend Vs Share Repurchase Policy, Problem of too much cash, Issue of Stock Liquidity and Illiquidity.
3	Company Valuation
	<ul style="list-style-type: none"> • Company Valuation: An Overview of Valuation, Valuation Principles and Practices more, the impact of “what if” scenarios, the key financial and commercial factors affecting the business, Value enhancement tools & techniques, the link between valuation and corporate finance. • Management Buyouts: Establishing feasibility of the buy-out, Negotiating the main terms of the transaction with the vendor including price and structure, developing the business plan funders, negotiations with potential funders so that the most appropriate funding offers are selected. • Management Buy-ins: Management Buy-in/Buy-outs, Vendor-initiated buy-outs/buy-ins. • Due Diligence: finance due diligence for both purchasers and financial institutions
4	Credit Risk Management
	<p>Credit analysis</p> <p>Default risk: Quantitative methodologies</p> <p>Expected and unexpected loss</p>

	<p>Credit VaR</p> <p>Counterparty risk</p> <ul style="list-style-type: none">• Risk management choices, such as process control efforts, financial, physical, and operational hedging, value based management
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Strategic Corporate Finance: Tony Davies, Tony Boczko, Jean Chen : McGraw-Hill Higher Education

Strategic Corporate Finance : Pratap G Subramanyam: Snow White Publication

Strategic Corporate Finance : Jayant Varma : Vision Books

Strategic Corporate Finance : Samuel Weaver: Cengage Learning

Credit Risk Management": Andrew Fight : Butterworth

6.5. Corporate Restructuring

Sr. No	Modules /Units
1	Mergers and Acquisitions- introduction
	<ul style="list-style-type: none"> • Introduction to Mergers and Acquisitions, Mergers and Acquisitions- An Overview: Various Forms of Corporate Restructuring- Restructuring: Underlying Issues • Mergers and Acquisition Waves, Merger Movements in the US- Trends of Mergers and Acquisitions in India- Growing need for Corporate Restructuring in Recent times, India Inc begins M & A Innings- Hostile Takeovers
2	Mergers and acquisition- strategic aspect
	Maximization of Organization Value and Mergers & Acquisitions, Definition of Strategy- Process of Strategic Planning- Alternative Strategy Methodologies- Approaches to Strategy Formulation – Formulating a Competitive Strategy- Diversification Strategy- Internal Vs External Growth.
3	Theories and process of mergers and acquisitions
	<ul style="list-style-type: none"> • Theories of Mergers, Efficiency Theories- Information and Signalling- Agency Problems and Managerialism - Free Cash Flow Hypothesis – Market Power- Taxes and their Impact on Merger Decisions- Hubris Hypothesis • Types of M&A, Mergers and Acquisitions, Different forms and Various Types of Mergers • M&A Process, Merger and Acquisition Process- Participants in the Merger and Acquisition process- Post merger Integration – Reasons for Failure of Mergers and Acquisitions
4	Takeovers and leverages buyouts
	<ul style="list-style-type: none"> • Takeover Defences, Friendly vs. Hostile Takeovers- Alternative Takeover Tactics- Preventive Anti- takeover Measures- Active Anti- takeover • Going Private Transactions, Methods of Going Private. • Leveraged Buy-outs, Elements of a typical LBO operation- Forms of LOB Financing- Characteristics of an ideal Leveraged Buy-out Candidate- Sources of Gains in LBOs- Management Buyouts- Management Buy ins- Leverage cash outs.

Mergers, Acquisition and Corporate Restructuring: Prasad G Godbole : Vikas Publishing

Handbook on Mergers, amalgamation and take overs : ICSI

Mergers/Amalgamations, Takeovers, Joint Ventures, LLPs and Corporate Restructure: K. R. Sampath : Snow White

Introduction to Mergers and Acquisitions: Kate Creighton, William J. Gole:

Question Paper Pattern (Practical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A. Sub Questions to be asked 10 and to be answered any 08 B. Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Practical Question OR	15 Marks
Q-2	Full Length Practical Question	15 Marks
Q-3	Full Length Practical Question OR	15 Marks
Q-3	Full Length Practical Question	15 Marks
Q-4	Full Length Practical Question OR	15 Marks
Q-4	Full Length Practical Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Practical question of 15 marks may be divided into two sub questions of 7/8 and 10/5Marks. If the topic demands, instead of practical questions, appropriate theory question may be asked.

Question Paper Pattern (Theoretical Courses)

Maximum Marks: 75

Questions to be set: 05

Duration: 2 1/2 Hrs.

All Questions are Compulsory Carrying 15 Marks each.

Question No	Particular	Marks
Q-1	Objective Questions A) Sub Questions to be asked 10 and to be answered any 08 B) Sub Questions to be asked 10 and to be answered any 07 (*Multiple choice / True or False / Match the columns/Fill in the blanks)	15 Marks
Q-2	Full Length Question OR	15 Marks
Q-2	Full Length Question	15 Marks
Q-3	Full Length Question OR	15 Marks
Q-3	Full Length Question	15 Marks
Q-4	Full Length Question OR	15 Marks
Q-4	Full Length Question	15 Marks
Q-5	A) Theory questions B) Theory questions OR	08 Marks 07 Marks
Q-5	Short Notes To be asked 05 To be answered 03	15 Marks

Note:

Theory question of 15 marks may be divided into two sub questions of 7/8 and 10/5Marks.