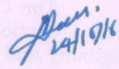


UNIVERSITY OF MUMBAI
No. UG/108 of 2016-17

CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com. (Investment Management) degree programme vide this office Circular No. UG/23 of 2014 dated 21st 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. 4.79 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for B.Com (Investment Management) 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,

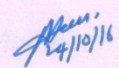
The Principals of affiliated Colleges in Commerce and the Heads of recognized Institutions concerned.

A.C/4.79 /24/06/2016

No. UG/108 -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

PTO..

University of Mumbai



B.Com. (Investment Management) 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-Banking & Finance, University of Mumbai

B.Com. (Investment Management) Programme

Under Choice Based Credit, Grading and Semester System

Course Structure

F.Y.B.Com.(Investment Management)

(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	Basic of Investment & Wealth Creation	03	1	Introduction to Wealth Management	03
2	Introduction to Accounting-I	03	2	Introduction to Accounting-II	03
3	Introduction to Financial System	03	3	Introduction to Financial Markets	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 Economics-I	03	6	Introduction to Financial Intermediaries	03
7	Quantitative Techniques	03	7	Investment Banking	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. (Investment Management)

(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	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	Information Technology in Investment-I	02	4	Information Technology in Investment-II	02
3	<i>Core Courses (CC)</i>		3	<i>Core Courses (CC)</i>	
5	Introduction to Derivatives	03	5	Valuation of Derivatives	03
6	Cost & Management Accounting	03	6	Business Economics-II	03
7	Basics of Contract & Corporate Laws	03	7	Investment Laws	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	Investment Banking	1	Financial Management
2	Marketing of Investment Products	2	Actuarial Analysis in Investment
3	Taxation in Investment Management	3	Management of Investment Portfolio
4	Fundamental Analysis	4	Equity Research
5	Study of Investment Strategies	5	Financial Statement Analysis

T.Y.B.Com. (Investment Management)

(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	Fixed Income Analysis-I	04	5	Fixed Income Analysis-II	04
3	<i>* Project Work</i>		3	<i>*Project Work</i>	
6	Project on Internship Training	04	6	Project work	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 04 credits each. 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	Operation in Equity Market	1	Operations in Currency and Commodity Markets
2	Technical Analysis of Investment	2	Risk Management of Market Risk and Operation Risk
3	Credit Risk Management	3	Ethics in Investment Markets
4	Alternative Investment	4	International Investment Management
5	Treasury Management	5	Venture Capital and Private Equity
6	Behavioural Finance	6	Financial Journalism

University of Mumbai



**Revised Syllabus
and
Question Paper Pattern
of Courses
of
B.Com. (Investment Management)
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-Banking & Finance, University of Mumbai

B.Com. (Investment Management) Programme

Under Choice Based Credit, Grading and Semester System

Course Structure

F.Y.B.Com.(Investment Accounting)

(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	Basic of Investment & Wealth Creation	03	1	Introduction to Wealth Management	03
2	Introduction to Accounting-I	03	2	Introduction to Accounting-II	03
3	Introduction to Financial System	03	3	Introduction to Financial Markets	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 Economics-I	03	6	Introduction to Financial Intermediaries	03
7	Quantitative Techniques	03	7	Investment Banking	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. (Investment Management) 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	Basic of Investment & Wealth Creation	03
2	Introduction to Accounting-I	03
3	Introduction to Financial System	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 Economics-I	03
7	Quantitative Techniques	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. (Investment Management)
Programme at Semester I
with Effect from the Academic Year 2016-2017***

Elective Courses (EC)

1. Basic of Investment & Wealth Creation

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	General Principles Of Investing	15
2	Financial Mathematics - I	15
3	Financial Mathematics – II	15
4	Risk Profiling of Products and Investors – Asset Allocation	15
Total		60

Sr. No.	Modules / Units
1	General Principles Of Investing
	<p>Introduction to Investment, Savings Vs. Investment, Investing Vs. Speculation, Investing Vs. Borrowing, Why is investment necessary, When to Start Investing, What is meant by interest Rate, Factors determining interest rates, Simple Interest and Compound Interest,</p> <p>Investment Objectives – Setting SMART Goals,</p> <p>Asset Classes available for investments – Financial Assets Vs. Non-Financial Assets, Important attributes of Various asset classes – Safety (Risk), Liquidity, Yield. Co-relation between various asset classes</p> <p>Debt Management - Purpose, Need and responsibilities, Short Term Debt Vs. Long Term Debt, Fixed Rate Vs. Variable Rate Mortgages, Consumer Loans, Refinancing, Hire Purchase Credit Cards, Leasing</p> <p>Personal Financial Statement Analysis Cash inflows and cash outflows, income and Expenditure statement, Budgeting and forecasting, Monitoring budgets and provisions for savings, Personal Balance Sheet and</p> <p>Forms Of Business Ownership Sole Proprietorship; Partnership Firm; Limited Liability Partnership; Limited Liability Companies; Trusts; Foundations/Exempt Organizations; Co-operative Societies</p>
2	Financial Mathematics - I
	<p>Time Value Of Money Present Value; Net Present Value; Future Value; Annuities – Immediate and Deferred; Growing Annuities and Inflation adjusted Annuities</p> <p>Calculation of returns Nominal Rate of Return, Effective Rate of Return, Internal Rate of Return, Holding Period Return (HPR), Compounded Annual rate of Return (CAGR), Real Rate of Return after adjusting for Inflation, Rate of Return after adjusting taxes</p>
3	Financial Mathematics – II
	<p>Total Assets – Net Worth and Financial Ratios Net worth and its components, Liquidity Ratios, Debt to income Ratio, debt to financial assets, debt to total assets, savings Ratio</p> <p>Loan Calculations EMI Calculation; Loan restructuring – Present Value of future payments; Loan repayment schedules; Loan repayments with varying interest rates; Amortization; Home Equity; Refinancing cost; Fixed EMI Vs. Fixed Tenure.</p>
4	Risk Profiling of Products and Investors – Asset Allocation
	<p>Types of Investment Risk Market Risk – Systematic and unsystematic, Inflation Risk, Interest Rate Risk, Credit Risk, Maturity Risk, Liquidity Risk, reinvestment risk, Exchange Rate Risk. Regulatory Risk, Investment Manager (Alpha) Risk, Business Risk</p> <p>Product Profiling in terms of Risk and Tenure Short Term Products – Low Returns with Capital Protection Medium Term Products – Inflation beating with adequate Capital protection Long Term Products – Managed Risk for wealth creation in the long term</p>

Sr. No.	Modules / Units
	<p>Risk Profiling of Investor Understanding Investor's investment psychology and investment behaviour; Riskbased on investor'slifestage; Risk based on investors earnings, income generation and assets; Risk Tolerance – risk capacity and risk appetite; classifying investors as per their risk profile; matching products to investors risk profile and tenure of goals</p> <p>Asset Allocation Asset Allocation – Base of Investment Planning; Asset Classes – Equity, Debt, Cash. Precious metals; Expected rate of return; Goal Specific Asset Allocation; Change of asset allocation while approaching goals; Selection of asset mix as per clients goals</p> <p>Types of Asset Allocation Strategies Strategic, Tactical and Life Stage asset allocation</p> <p>Wealth Creation – Factors and Principles Income and Savings Ratio; Allocation of savings to asset classes; Consistency in savings and monitoring; Taking advantage of opportunities in various asset classes; Overall effective yield and tax aspects; Wealth protection and wealth erosion</p>

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

Elective Courses (EC)

2. Introduction to Accounting-I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Accounting	15
2	Classification of Income & Expenses & Accounting Standards	15
3	Final Accounts	15
4	Hire purchase	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Accounting
	<p>Meaning and scope of Accounting Need, development and definition of accounting, Branches of accounting, Objectives of accounting. Basic accounting terms, accounting concept & conventions, Disclosures: Accounting Principles: International accounting standards (only routines). Accounting standards in India: Concepts, Benefits, Procedures for Issue of Accounting Standards. Various AS:</p> <p>AS – 1: Disclosure of Accounting Policies (a) Purpose (b) Areas of Policies (c) Disclosure of Policies (d) Disclosure of Change in Policies (e) Illustrations</p> <p>AS – 2: Valuation of Inventories (Stock) (a) Meaning, Definition (b) Applicability (c) Measurement of Inventory (d) Disclosure in Final Account (e) Explanation with Illustrations</p> <p>AS – 9: Revenue Recognition (a) Meaning and Scope (b) Transactions Excluded (c) Sale of Goods (d) Rendering of Services (e) Effects of Uncertainties (f) Disclosure (g) Illustrations</p>
2	Classification of Income & Expenses & Accounting Standards
	<p>Accounting Transactions: Accounting Cycle; Journal; Rules of debit and credit Compound journal entry; Opening entry; Relationship between journal and Ledger, Rules regarding posting; Trial balance Sub division of journal.</p> <p>Capital & Revenue: Classification of Income; Classification of Expenditure Classification of receipts. Accounting concept of income; Sources Documents, Bank Reconciliation Statement</p>
3	Final Accounts
	Final accounts; Manufacturing account; Trading account, Profit and Loss account, Balance sheet, Adjustment entries
4	Hire purchase
	Meaning, Calculation of Interest, Accounting for Hire Purchase Transactions by Asset Purchase Method Based on Full Cash Price, Journal Entries, Ledger Accounts and Disclosure in Balance Sheet for Hirer and Vendor

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

Elective Courses (EC)

3.Introduction to Financial System

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	An introduction to the financial system	15
2	Intermediation versus non intermediation	15
3	Financial institutions and Financial services	15
4	Financial regulators and Financial instruments	15
Total		60

Sr. No.	Modules / Units
1	An introduction to the financial system
	<ul style="list-style-type: none"> • Overview of financial system • Functions of a financial system • Evolution of financial systems (bank oriented to 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	Intermediation versus non intermediation
	<ul style="list-style-type: none"> • Intermediation versus non intermediation <ul style="list-style-type: none"> ▪ Intermediation: definition, role, features, mediums ▪ Non-intermediation: definition, role, features, mediums, how non intermediaries support intermediation. • Financial markets <ul style="list-style-type: none"> ▪ Kinds of financial markets (multiple ways to classify markets) ▪ Features, Role and functions of each market ▪ Size, Structure, participants and importance of each market
3	Financial institutions and Financial services
	<ul style="list-style-type: none"> • Financial institutions <ul style="list-style-type: none"> ▪ Kinds of financial institutions ▪ Intermediary financial institutions and non-intermediary financial institutions ▪ Features, Role and functions of each kind of institution ▪ Size, Structure, participants and importance of each kind of institution • Financial services <ul style="list-style-type: none"> ▪ Meaning and features of financial services ▪ Role and functions of financial services ▪ Kinds of financial services: Intermediation based i.e. fund ▪ Kinds of financial services: Non Intermediation based i.e. fee ▪ A table showing the institutions and services offered
4	Financial regulators and Financial instruments
	<ul style="list-style-type: none"> • Financial regulators <ul style="list-style-type: none"> ▪ Meaning and features of financial regulators ▪ Role and functions of financial regulators ▪ Kinds of financial regulators ▪ A table showing the various regulators, the markets they regulate • Financial instruments <ul style="list-style-type: none"> ▪ 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. (Investment Management)
Programme at Semester I
with Effect from the Academic Year 2016-2017

Ability Enhancement Courses (AEC)

4. Business Communication - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Theory of Communication	15
2	Obstacles to Communication in Business World	15
3	Business Correspondence	15
4	Language and Writing Skills	15
Total		60

Sr. No.	Modules / Units
1	Theory of Communication 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 Channels and Objectives of Communication: Channels- Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine 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) 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
2	Obstacles to Communication in Business World Problems in Communication /Barriers to Communication: Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers Listening: Importance of Listening Skills, Cultivating good Listening Skills – 4 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
3	Business Correspondence Theory of Business Letter Writing: Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing, 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)]

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. (Investment Management)
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. (Investment Management)
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
	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 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
2	Concept of Society and Social Issues in India
	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 Basic social issues in India Degeneration of value system, Family system, Gender issues, Regional imbalance
3	Indian Constitution and Social Justice
	Indian Constitution Features of Indian Constitution - Provisions related to social integrity and development Social Justice Social Justice- the concept and its features Inclusive growth- the concept and its features
4	Human Personality and National Integration
	Dimensions of human personality Social Dimension of Human personality- Understanding of the society Physical Dimension of Human personality- Physical Exercise, Yoga, etc. National integration & Communal Harmony National Integration- its meaning, importance and practice Communal Harmony- its meaning, importance and practice

***Revised Syllabus of Courses of B.Com. (Investment Management)
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 Desired outcome: The student will develop an all-round personality with adequate leadership traits to deal / contribute effectively in life. <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 <u>Army</u> 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 A. Armed Force <ul style="list-style-type: none"> • Basic organisation of Armed Forces • Organisation of Army • Badges and Ranks B. Introduction to Infantry and weapons and equipments <ul style="list-style-type: none"> • Characteristics of 7.62mm SLR Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning C. Military history <ul style="list-style-type: none"> • Biographies of renowned Generals (Carriapa / Sam Manekshaw) • Indian Army War Heroes- PVCs D. Communication <ul style="list-style-type: none"> • Types of Communications • Characteristics of Wireless Technologies (Mobile, Wi-Fi etc.) <p style="text-align: center;">OR</p> <u>Navy</u> A. Naval orientation and service subjects <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 B. Ship and Boat Modelling <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><u>AIR</u></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

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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

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Core Courses (CC)

6.Business Economics- 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,</p> <p>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</p> <p>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.</p> <p>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</p> <p>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></p> <p>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>

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Core Courses (CC)

7. Quantitative Techniques

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction, Organising, Data, Frequency Distribution, Data Representation	10
2	Measures of Central Tendencies	10
3	Measures of Dispersion	10
4	Correlation and Regression	10
5	Investment Analysis	10
6	Concept of real functions and Derivatives	10
Total		60

Sr. No.	Modules / Units
1	Introduction, Organising, Data, Frequency Distribution, Data Representation
	<p>Introduction to Statistics: Definition, Uses in business and management with limitations.</p> <p>Data: Types of data their different methods of collection, Census and sample survey.</p> <p>Presentation of data: Tabular form, frequency distribution and graphical representation of data. (Frequency curve, polygon, ogive curve Histogram).</p>
2	Measures of Central Tendencies
	Arithmetic mean, median and mode, geometric mean with their applications in financial institutions and limitations
3	Measures of Dispersion
	Absolute measures – Range, Quartile Deviation, Mean deviation and standard deviation. Coeff. of range, Coeff. of Quartile deviation and Coeff. of variations with their utility and limitations in business and management
4	Correlation and Regression
	Karl Pearson's Coeff. of correlation, Coeff. of determination r^2 , Spearman's rank Coeff. of correlation, Regression equations their uses in forecasting.
5	Investment Analysis
	<p>Financial mathematics. Simple interest, compound interest-nominal rate effective rate and continuous compounding.</p> <p>Immediate ordinary annuity, its present value and future value.</p> <p>Equated monthly installments (EMI) using reducing interest system amortization of loans and sinking funds. Depreciation of assets.</p>
6	Concept of real functions and Derivatives
	<p>Concept of real functions: constant functions, linear functions, x^n, e^x, a^x, $\log x$</p> <p>Derivatives and their applications: Derivative as a measure of rate. Different types of derivatives of a function. Rules of derivatives multiplication and quotient rule. Second order derivatives. Application of derivatives marginal cost marginal revenue, elasticity of demand, maxima and minima for functions in economics and business and commerce, management etc.</p>

B.Com. (Investment Management) 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	Introduction to Wealth Management	03
2	Introduction to Accounting-II	03
3	Introduction to Financial Markets	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	Introduction to Financial Intermediaries	03
7	Investment Banking	03
Total Credits		20

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

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Elective Courses (EC)

1.Introduction to Wealth Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Overview of Wealth management	15
2	Role of Insurance in Wealth Management	15
3	Retirement Planning	15
4	Estate Planning	15
Total		60

Sr. No.	Modules / Units
1	Overview of Wealth management
	<p>Introduction to Wealth management Definition of Wealth management; understanding wealth management; wealth management process; phases in wealth management process; wealth management market in India</p> <p>Holistic Planning Framework Sources of wealth; human Capital; Financial Capital; Financial Life Cycle; Working Life – Pre-family independence; Family; Pre-retirement; Retirement – Active retirement; Passive Retirement; Elderly Care; Retirement related risk – risk identification; Market Risk, Asset Allocation Risk, Interest Rate Risk, Inflation Risk, Health/liquidity risk, Longevity Risk</p> <p>The Financial Planning process Establish and define the relationship with the client; Personal Fact Finding; Analyze Client's financial status, Risk profile and determine financial goals; Develop financial planning recommendation and present it to client; Implement client's financial planning recommendations; Monitor and review the client's situation</p> <p>Asset Classes Debt as an asset class; Role of debt in wealth management; risk of investing in debt securities; Equity as an asset class – investing in stocks</p>
2	Role of Insurance in Wealth Management
	<p>Analysis of Live Cover, Strategies and Products Assessment and identification of Risk Cover – Gathering data on current Life Insurance Cover; Identifying clients life insurance needs</p> <p>Analysis of Life Insurance Needs – Economic Value of human life; Replacement of the future income of the insured; Replacement of the expenses and financial liabilities of the insured; provision in the life cover of certain financial goals and financial liabilities; Review of coverage for changes in income, assets and financial liabilities</p> <p>Life Insurance Types of Life Insurance Policies - Term Insurance; Whole Life Insurance: Endowment Policy; Investment Linked Insurance (ULIP); Insurance Linked annuities; Life insurance Policy riders</p> <p>Calculation of Claim amount and other benefits – Types of Bonus; Maturity Claim; Death Claim; Surrender Value; Return on Savings Component; Taxation aspect of various insurance Policies</p> <p>General Insurance Health Insurance and Accident Insurance – Individual Vs. Family floater Policy; Critical Illness policy; Group health Insurance; Personal and group accident Insurance; Personal Disability Insurance – Permanent and Temporary, Partial and</p>

Sr. No.	Modules / Units
	<p>Total; Scope of benefits – long term and short term disability; Property and Liability Insurance – basis of property cover – Reinstatement, Book or Market Value; Insuring House, Household items, business unit, plant and machinery; personal Umbrella Policy; miscellaneous overseas travel insurance; Motor Insurance – Comprehensive and Mandatory Third party coverage; No claim Bonus and claims</p> <p>Other business specific Insurance – professional Indemnity Insurance; Keyman Insurance; Marine Insurance, Cargo and Hull Insurance; Inland Transit Insurance</p> <p>Introduction to the following Acts</p> <p>Insurance Regulatory and Development Authority(IRDA)Act-1999; TheInsuranceAct-1938; PublicLiabilityInsuranceAct-1991; MotorVehicleAct-1988 EmployeeStateInsuranceAct-1948</p>
3	Retirement Planning
	<p>Employee Benefits and Superannuation Benefits</p> <p>Employee Benefits – Salary and Bonus; Reimbursement of expenses; Health Benefits; Group Insurance; LTA, TA, Concessional Loans</p> <p>Defined Benefit Plans and Limitations – Characteristics of DB Plans, Types of Defined Benefit Plans, their Features, Applicability and withdrawal norms, Taxability</p> <p>Defined Contribution Plans and Limitations – Characteristics of DC Plans, Types of Defined contribution Plans, their features, Applicability. And withdrawal norms, taxability</p> <p>Superannuation benefits and schemes –Trust Funds, Private Fund Managers, and Insurance Companies, Benefits - on retirement, Voluntary retirement and Death</p> <p>Retirement Needs and Factors in retirement Planning</p> <p>Introduction to retirement planning - Significance of retirement planning; Purpose and need of retirement planning; Role of Wealth planner in retirement planning; Importance of starting early;</p> <p>Analysis of Client’s Life Cycle – Early earning stage and established earning stage; stability and visibility of earnings; Accumulation and Distribution phase; Life Expectancy Vs. Retirement age; Early Vs. Delayed retirement; Risk of living longer than expected;</p> <p>Factors considered in retirement planning – Nature of Income; salaried, bonus and self-employed; standard of living; time horizon; inflation in accumulation and distribution phase; profile of assets sustainable till retirement; income generating potential of fixed assets; liquidity aspects of fixed and other assets; Profile of financial and other liabilities nearing retirement</p> <p>Analysis of client’s retirement needs – Estimating household expenses on retirement; Corpus estimated to meet post retirement needs; Alternate</p>

Sr. No.	Modules / Units
	<p>arrangements for supplementing retirement corpus; cost of escalation of medical expenses in post-retirement; charitable activities and social work</p> <p>Retirement Planning Process</p> <p>Ascertain client's current primary household expenses; Estimate average expected inflation rate pre and post-retirement; Estimate client's expenses post-retirement; Ascertain client's income from fixed assets/other sources post-retirement; Estimate client couple's life expectancy; Estimate basic corpus accommodating client's other special purposes; Ear mark client's non-liquid/non-consumption assets and their future value; Estimate Net Corpus to be accumulated; Ascertain client's current sources of income and saving potential; Prioritize investible surplus in various financial goals including retirement; Ascertain risk profile of client and changes with life stages; Ascertain risk capacity as per age and asset profile; Ascertain client's Asset Allocation to create retirement corpus; Optimize rate of return from the chosen Asset Classes</p> <p>Income Streams during Retirement – Employer Provided superannuation plans; Provident Fund; Public Provident Fund; Small Savings Schemes; NPS; Pension Plans from MF's and Insurance Companies; Reverse Mortgage to supplement post retirement expenses.</p>
4	Estate Planning
	<p>Estate Planning Overview – The concept of Estate Planning; Purpose and Need of Estate Planning; Risks and Drawbacks involved in Estate Planning; Hindu and Indian Succession Act; Succession-Testate and Intestate</p> <p>Estate Planning Process –</p> <p>Collect comprehensive information and examine circumstances to set Estate planning goals; Determine value of client's estate and liquidity aspects; Estimate cost of transfer and other expenses; Develop a plan of transfer; Implement plan and review periodically</p> <p>Methods of Estate Planning - Will; Trust; Insurance; Gift; Power of Attorney; Transfer of property and partition</p> <p>Will – Characteristics and Content of a Will; Types of Will-Unprivileged, Privileged, Joint, Mutual and Conditional; Legal requirements and Testamentary capacity; Modifying or revoking Will; Probate Process</p> <p>Powers of Attorney – Use and purpose; Types-General and Special; Revocation; Role of the executor</p> <p>Trust - Classification of Trust – Revocable and Irrevocable</p> <p>Characteristics of Trust– Discretionary and Determinate; Different types of a family trust; Family trust V/s Will; Parties to Trust; Rules relating to perpetuities; Other Provisions</p>

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Elective Courses (EC)

2.Introduction to Accounting-II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Investment Accounting w.r.t AS 13	15
2	Foreign currency transactions vide AS 11	15
3	Accounts of Non–Trading Institutions & Service Industries	15
4	Issue of Shares and Debentures, Redemption of Preference shares	15
Total		60

Sr. No.	Modules / Units
1	Investment Accounting w.r.t AS 13
	<p>For shares (variable income bearing securities)</p> <p>For debenture bonds etc. (fixed income bearing securities)</p> <p>Accounting for transactions of purchase and sales of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method</p> <p>Columnar format for investment account</p>
2	Foreign currency transactions vide AS 11
	<p>Accounting for translation of foreign currency transactions vide AS 11 (excluding foreign branches and forward exchange contracts and hedging contracts) "In relation to purchase and sale of goods, services and assets and loan and credit transactions."</p> <p>Computation and treatment of exchange differences</p>
3	Accounts of Non–Trading Institutions & Service Industries
4	Issue of Shares and Debentures, Redemption of Preference shares

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Elective Courses (EC)

3. Introduction to Financial Markets

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	An introduction to the financial markets	20
2	Capital markets and Money markets	10
3	Foreign exchange markets, Commodity markets and Derivative markets	20
4	Market exchanges and Market regulators	10
Total		60

Sr. No.	Modules / Units
1	An introduction to the financial markets
	<ul style="list-style-type: none"> • Overview of financial markets • of a financial markets • Structure of financial markets (multiple ways to classify markets Functions) • Capital formation process through markets
2	Capital markets and Money markets
	<ul style="list-style-type: none"> • Capital markets: Meaning, classification and structure, Various sub-segments of the market, Role played by the capital market, Capital market instruments, Participants in these markets, Various capital market regulators, Advantages and drawbacks • Money markets: Meaning, classification and structure, Various sub-segments of the market, Role played by the money market, Capital market instruments, Participants in these markets, Various money market regulators, Advantages and drawbacks
3	Foreign exchange markets, Commodity markets and Derivative markets
	<ul style="list-style-type: none"> • Foreign exchange markets: Meaning, classification and structure, Role played by the forex market, Capital market instruments, Participants in these markets, Various market regulators, Advantages and drawbacks, The link between exchange rates, forex markets and the currency reserves of a country • Commodity markets: Meaning, classification and structure, Functions of the commodity market, Debate on commodity market as a financial market, Evolution of the commodity market, Structure and working of the market, Regulation of the market, Advantages and drawbacks • Derivative markets: Meaning, classification and structure, Functions of the derivative market, Evolution of the derivative market, Structure and working of the market, Regulation of the market, Advantages and drawbacks
4	Market exchanges and Market regulators
	<ul style="list-style-type: none"> • Market exchanges: Types of exchanges, Role played by exchanges, NSE, BSE, MCX, OTCEI • Market regulators: SEBI

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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	15
2	Group Communication	15
3	Business Correspondence	15
4	Language and Writing Skills	15
Total		60

Sr. No.	Modules / Units
1	Presentation Skills
	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
2	Group Communication
	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
3	Business Correspondence
	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.]
4	Language and Writing Skills
	Reports: Parts, Types, Feasibility Reports, Investigative Reports Summarisation: Identification of main and supporting/sub points Presenting these in a cohesive manner

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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 of Government welfare departments for community development- provisions & examples</p>

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Skill Enhancement Courses (SEC)

5.Foundation Course in NCC - 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 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 <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 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. <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 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. <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 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. <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 Desired outcome: The student shall have basic knowledge of weapons and their use and handling. <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</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. 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;">OR</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.Introduction to Financial Intermediaries

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Basics of Financial Intermediaries	15
2	Taxonomy of Financial Intermediaries	15
3	Theories and Management of Financial Intermediation	15
4	Future Trends	15
Total		60

Sr. No.	Modules / Units
1	Basics of Financial Intermediaries
	<ul style="list-style-type: none"> • Definition of Financial System • Meaning of Financial Intermediaries • Need for financial intermediation in the Financial System • Role and functions of Financial Intermediaries • Benefits of Financial Intermediaries (w. r. t economies of Scale) • Implication of financial intermediation (effect on economic development , Hirshliefer Model) • Registration of Financial Intermediaries
2	Taxonomy of Financial Intermediaries
	<p>Taxonomy of Financial Intermediaries(Banks, Credit Unions, Financial Advisors and Brokers, Insurance Companies, Investment Schemes and Mutual Funds , Pension funds , Non Banking Financial Companies ,Financial Institution – IDFC, ILFS, PFC, NABARD, SIDBI)</p> <p>Credit Rating Agencies – Role and Importance</p>
3	Theories and Management of Financial Intermediation
	<p>Theories of Financial Intermediation</p> <ul style="list-style-type: none"> • Transaction costs • Liquidity insurance • Information asymmetry <p>Management of Financial Intermediaries and Issues pertaining to</p> <ul style="list-style-type: none"> • Performance measurement • ALM for liquidity risk • Credit Risk • Interest Rate Risks • Regulation of DMAT
4	Future Trends
	<ul style="list-style-type: none"> • Financial Intermediaries – Global Perspective • Future and Challenges in Financial Intermediaries

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Core Courses (CC)

7. Investment Banking

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction of Investment Banking	15
2	Concepts of Investment Banking	15
3	Risk and Return	15
4	Investment Banking Activities	15
Total		60

Sr. No.	Modules / Units
1	Introduction of Investment Banking
	Investment its meaning and scope, types of asset classes, asset allocation, creating portfolio and process of portfolio management
2	Concepts of Investment Banking
	Investment banking concepts, Private placement methods, role of venture capital firms in raising funds, due diligence methods
3	Risk and Return
	Risk and return concepts, types of risk and its application, ASBA, IPO and FPO, SEBI disclosures and other regulators.
4	Investment Banking Activities
	Industry analysis, role of IPO in value unlocking, recent trends and developments, investments banking activities

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Reference Books

Reference Books
Basic of Investment & Wealth Creation
<ul style="list-style-type: none"> • Dr. V A Avadhani, <i>Investment Management</i>, Himalaya Publishing House • Jack R Kapoor, Les R Dlabay, Robert J Hughes, <i>Personal Finance</i>, • Tata McGraw – Hill Publishing Co. Ltd. • Preeti Singh, <i>Investment Management – Security Analysis and Portfolio Management</i>, Himalaya Publishing House • Dr. Prasanna Chandra, <i>Investment Analysis and Portfolio Management</i> • NaratCharupat, Huaxiong Huang, Moshe A. Milevsky <i>Strategic Financial Planning over the Life Cycle</i>, Cambridge University Press • Jeff Madura, <i>Personal Finance</i>, Pearson Education
Introduction to 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 Shrinivasan Anand, 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, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
Introduction to Financial System
<ul style="list-style-type: none"> • <i>The Indian Financial System: Markets, Institutions and Services</i>, Bharati V Pathak • <i>Financial Institutions and Markets</i>, L.M. Bhole • <i>Modern Financial Systems: Theory and Applications</i>, Edwin H. Neave • <i>Financial Markets And Institutions</i>, Saunders, Cornett • <i>Indian Financial System And Markets</i>, Saha

Reference Books

Business Communication - Paper I

- Agarwal, AnjuD(1989) *A Practical Handbook for Consumers*, IBH.
- Alien, R.K.(1970) *Organisational Management through Communication*.
- Ashley,A(1992) *A Handbook Of Commercial Correspondence*, Oxford University Press.
- Aswalthapa, K (1991)*Organisational Behaviour*, Himalayan Publication, Mumbai.
- Atreya N and Guha (1994) *Effective Credit Management*, MMC School of Management, Mumbai.
- Bahl,J.C. and Nagamia,S.M. (1974) *Modern Business Correspondence and Minute Writing*.
- Balan,K.R. and Rayudu C.S. (1996) *Effective Communication*, Beacon New Delhi.
- Bangh, LSue, Fryar,Maridell and Thomas David A. (1998) *How to Write First Class Business Correspondence*, N.T.C. Publishing Group USA.
- Banerjee, Bani P (2005) *Foundation of Ethics in Mangement Excel Books 10.Businessworld Special Collector's Issue: Ethics and the Manager*
- Barkar, Alan(1993) *Making Meetings Work*, Sterling Publications Pvt. Ltd., New Delhi.
- Basu,C.R.(1998) *Business Organisation and Management*, T.M.H.New Delhi.
- Benjamin, James (1993) *Business and Professional Communication Concepts and Practices*, Harper Collins College Publishers, New York.
- Bhargava and Bhargava(1971) *Company Notices, Meetings and Regulations*
- Black, Sam (1972) *Practical Public Relations*, E.L.B.S. London.
- BoveeCourtland,L and Thrill, John V(1989) *Business Communication*, Today McGraw Hill, New York, Taxman Publication.
- Burton, G and Thakur, (1995) *Management Today- Principles and Practices*. T.M.H.,New Delhi.
- Darrow, Richard, Forrstal, Dan and Coolman, Aubrey (1967) *Public Relations Handbook*, TheDartwell Co., Chicago.
- Dayal, Ishwar(19810) *Managing Large Organizations: A Comparative Study*.
- Drucher,P.F.((1970) *Technology, Management and Society*, Pan Books London.
- Drucher,P.F.((1974)*Management Responsibilities Practices*, Heinemann, London. 22.Eyre, E.C. (1985) *Effective Communication Made Simple*, Rupa and Co.Calcutta.
- Ecouse Barry, (1999), *Competitive Communication: A Rhetoric for Modern Business*, OUP.
- Fisher Dalmar, (1999), *Communication in Organisation*, Jaico Pub House, Mumbai, Delhi.
- Frailley, L.E. (1982) *Handbook of Business Letters*, Revised Edn. Prentice Hall Inc.
- French, Astrid (1993) *Interpersonal Skills*. Sterling Publishers, New delhi.
- 27 Fritzsche, David J (2005) *Business Ethics: A Global and Managerial Perspective* McGraw Hill
- Garlside, L.E. (1980) *Modern Business Correspondence*, McDonald and Evans Ltd. Plymouth.
- Ghanekar,A(1996) *Communication Skills for Effective Management*. Everest Publishing House, Pune.
- Graves, Harold F. (1965) *Report Writing*, Prentice Hall, New Jersey.
- Gupta, Anand Das (2010) *Ethics, Business and Society: Managing Responsibly Response Books 32.Gupta, Dipankar (2006) Ethics Incorporated: Top Priority and Bottom Line Response Books*
- Krevolin, Nathan (1983) *Communication Systems and Procedures for Modern Office*, Prentice Hall, New Jersey.
- Lesikar, Raymond V and Petit, John D.(1994) *Business Communication: Theory and Application* , Richard D. Irwin Inc. Illinois.
- Ludlow,Ron.(1995) *The Essence of Effective Communication*, Prentice , New Delhi.
- 36.M. Ashraf, Rizvi (2006) *Effective Technical Communication* Tata McGraw Hill
- Martson, John E. 1963) *The Nature of Public Relations*, McGraw Hill, New Delhi.
- Majumdar,P.K.(1992) *Commentary on the Consumer protection Act*, Prentice, New Delhi.
- McQuail, Denis (1975), *Communication*, Longman.
- Merrihue, William (1960) *Managing by Communication*, McGraw Hill, New York. 41.Mishra Rajiv K (2006) *Code of Conduct for Managers* Rupa Company
- Monippalli, M.M. (1997),*The Craft of Business Letter Writing*, T.M.H. New Delhi.
- Montagu,A and Matson , Floyd(1979) *The Human Connection*, McGraw Hill,New York.
- Murphy, Herta and Hilde Brandt, Herbert W (1984) *Effective Business Communication*, McGraw Hill, New York.

Reference Books

- Parry, John (1968) *The Psychology of Human Communication*.
- Parson, C.J. and Hughes (1970) *Written Communication for Business Students*, Great Britain.
- Peterson, Robert A and Ferrell, O.C (2005) *Business Ethics: New Challenges for Business Schools and Corporate Leaders* Prentice Hall of India Pvt., Ltd
- Phillip, Louis V. (1975) *Organisational Communication- The Effective Management*, Columbus Grid Inc. 49..
- Ross, Robert D. (1977) *The Management of Public Relations*, John Wiley and Sons, U.S.A.
- Sadri Sorab, Sinha Arun and Bonnerjee peter (1998) *Business Ethics: Concepts and Cases* Tata McGraw Hill Public Company Limited
- Shekhar, R.C (1997) *Ethical Choices in Business Response Books*
- Stephenson, James (1988) *Principles and Practice of Commercial Correspondence*, Pilman and Sons Ltd. London.
- 53.. Shurter, Robert L. (1971) *Written Communication in Business*, McGraw Hill, Tokyo

Foundation Course - I

- *Social and Economic Problems in India*, Naseem Azad, R Gupta Pub (2011)
- *Indian Society and Culture*, Vinita Padey, Rawat Pub (2016)
- *Social Problems in India*, Ram Ahuja, Rawat Pub (2014)
- *Faces of Feminine in Ancient , medieval and Modern India*, Mandakranta Bose Oxford University Press
- *National Humana rights commission- disability Manual*
- *Rural, Urban Migration : Trends, challenges & Strategies*, S Rajagopalan, ICFAI- 2012
- *Regional Inequilities in India* Bhat L SSSRD- New Delhi
- *Urbanisation in India: Challenges, Opportunities & the way forward*, I J Ahluwalia, Ravi Kanbur, P K Mohanty, SAGE Pub (2014)
- *The Constitution of India*, P M Bakshi 2011
- *The Problems of Linguistic States in India*, Krishna Kodesia Sterling Pub
- *Politics in India: structure, Process and Policy* SubrataMitra, Routledge Pub
- *Politics in India*, Rajani Kothari, Orient Blackswan
- *Problems of Communalism in india*, Ravindra Kumar Mittal Pub
- *Combating communalism in India: Key to National Integration*, Kawalkishor Bhardwaj, Mittal Pub

Foundation Course in 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
- *RashtriyaSevaYojanaSankalpana* - Prof.Dr.SankayChakane, 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*.

Reference Books

- *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/>
- <http://en.wikipedia.org/wiki/national-service-scheme> 19=<http://nss.nic.in/admininstruct>
- <http://nss.nic.in/propexpan>
- <http://nss.nic.in>
- <http://socialworknss.org/about.html>

Foundation Course in 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, Radhakrishnan 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 Modified 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*

Reference Books

- *Yoga Illustrated*, New Delhi, Ministry of Information and Broadcasting, 1995
- *Yoga Practice*, 1972, Shivanade 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

Foundation Course in Physical Education

- LippianCott Williams and Wilkins 2006.
- American College of Sports Medicine, ACSM's, *Guidelines for Exercise Testing and Prescription*. (2013) Ninth Edition, LippianCott Williams and Wilkins.
- American College of Sports Medicine, ACSM's *Resource Manual for Guidelines for Exercise Testing and Prescription*. (2006) 5th Ed., LippianCott Williams and Wilkins, 2006.
- Beashel, P., & Taylor, J. (1996). *Advance Studies in Physical Education and Sports*. U.K.: Thomas Nelson and Sons Ltd.
- Bucher, C.A. (1995). *Foundation of Physical Education (12th Ed.)* USA : St. Louis,
- C.V. Mosloy.
- Colfter, G.R., Hamilton, K.E., Magill R.A., & Hamilton B.J. (1986). *Contemporary Physical Education*. USA :Wim C. Brown Publisher.
- Daryl S. (1994). *Introduction to physical education, fitness and sports (2nd ed.)*. London: Mayfield publishing company.
- Dheer, S.D.(1991). *Introduction to Health Education*. New Delhi : Friends Publication.
- Dr.A.K.Uppal&Dr. G. P. Gautam (2004). *Physical education and Health*. Delhi: Friends publisher.
- Dr.Gharote M. L; *Teaching Methods for Yogic Practices*. – 2nd Ed., KaivalyadhamSamiti, Lonavala- 2001.
- Dr.Gharote M. L; *Guideline for Yogic Practices – 2nd Ed.*, The Lonavala Yoga Institute (India), Lonavala- 2007
- Greenberg, Dintiman, Oakes. (2004). *Physical Fitness & wellness.(3rd ed.)* IL:Human kinetics.
- Halfield, F.C. (2001). *Fitness : The Complete Guide*. USA : International Sports Science Association.
- Jackson, A.L., Morrow, J.R. (2004). *Physical activity for health & fitness*. IL:Human kinetics.
- 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.
- Lock Hurt and others – *Anatomy of the human body*, Feber&Feber Oxford University, 1975
- Muller, J. P.(2000). *Health, Exercise and Fitness*. Delhi : Sports.
- Murgesh N. – *Anatomy, Physiology and Health Education*, Sathya, Chinnalapatti, 1990.
- 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, *Yoga for Health and Peace*.- 6th Ed., Yoga VidyaNiketan, Mumbai., 2004.
- Pate R.R. &Hohn R.C. (1994). *Health Fitness Through Physical Education*. USA : Human Kinetics.
- 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 SahityaKendra.Werner. W.K., Hoeger.(2007). *Fitness and Wellness*. (8th ed.). Wadsworth, Cengage Learning.

Reference Books

Business Economics - Paper I

- Mehta, P.L.: *Managerial Economics – Analysis, Problem and Cases* (S. Chand & Sons, N. Delhi, 2000)
- Hirchey .M., *Managerial Economics*, Thomson South western (2003)
- Salvatore, D.: *Managerial Economics in a global economy* (Thomson South Western Singapore, 2001)
- Frank Robert.H, Bernanke. Ben S., *Principles of Economics* (Tata McGraw Hill (ed.3)
- Gregory Mankiw., *Principles of Economics*, Thomson South western (2002 reprint)
- Samuelson & Nordhas.: *Economics* (Tata McGraw Hills, New Delhi, 2002)
- Pal Sumitra, *Managerial Economics cases and concepts* (Macmillan, New Delhi, 2004)

Quantitative Techniques

- *Indian Contract Act, Sales of Goods Act and Partnership Act* by T.R. Desai, Sarkar and Sons Pvt. Ltd., Kolkata
- *Applied Mathematics for Business Economics and the Social Sciences* by Frank S. Budnick, Tata McGraw Hill, New Delhi
- *Mathematical Statistics* by J.K. Goyal and J.N. Sharma, Krishna Prakashan Ltd., Meerut
- *Introduction to Statistical Methods* by C.B. Gupta and Vijay Gupta, Vikas Publication House, Delhi
- *Business Mathematics and Statistics* by R.K. Ghosh and S. Saha, New Central Agency Pvt. Ltd. Calcutta
- *Statistical Methods* by S.P. Gupta, Sultan Chand and Sons Ltd., New Delhi
- *Commerce Mathematics* by Om P. Chug, etc., Anmol Publication Ltd., New Delhi
- *Mathematics for Economics and Business* by J. Soper, Blackwell Publishing, U.S.A.
- *Fundamentals of Statistics* by D.N. Elhance and Veena Elhance, Kitab Mahal, Allahabad

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Reference Books

Reference Books
Introduction to Wealth Management
<ul style="list-style-type: none"> Stuart E Lucas, <i>Wealth</i>, Wharton School Publishing Dun & Bradstreet, <i>Wealth Management</i>, Tata McGraw – Hill Publishing Co. Ltd. Ben Stein & Phil Demuth, <i>Your Life Time Guide to Financial Planning</i>, New Beginnings Press Ram NiwasLakhotia, SubhashLakhotia, <i>Tax and Succession Planning through Trusts and Wills</i>, Vision Books Pvt Ltd NaratCharupat, Huaxiong Huang & Moshe A. Milevsky, <i>Strategic Financial Planning over the Life Cycle</i>, Cambridge University Press Roger G Ibbotson, Moshe A Milevsky and Kevin X Zhu, <i>Lifetime Financial Advice : Human Capital, Asset Allocation and Insurance</i>, Research Foundation of CFA Insstitute SundarShankaran, <i>Wealth Engine Indian Financial Planning and Wealth Management handbook</i>, Vision Books Pvt. Ltd
Introduction to Accounting-II
<ul style="list-style-type: none"> Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi Advance Accounts by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi Advanced Accountancy by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai Financial Accounting by LesileChandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi Accounting Principles by R.N. Anthony and J.S. Reece, Richard Irwin, Inc Financial Accounting by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida Compendium of Statement and Standard of Accounting, ICAI Indian Accounting Standards, Ashish Bhattacharya, Tata Mc. Grow Hill and Co. Ltd., Mumbai Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai Company Accounting Standards by ShrinivasanAnand, Taxman, New Delhi Financial Accounting by V. Rajasekaran, Pearson Publications, New Delhi Introduction to Financial Accounting by Horngren, Pearson Publications, New Delhi Financial Accounting by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi Financial Accounting a Managerial Perspective, Varadraj B. Bapat, MehulRaithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
Introduction to Financial Markets
<ul style="list-style-type: none"> The Indian Financial System: Markets, Institutions and Services, Bharati V Pathak Financial Institutions and Markets, L.M. Bhole Financial Institutions and Markets, Anthony Saunders Capital Markets, 2E, By Gurusamy NSE yearbook on capital markets
Business Communication-II
<ul style="list-style-type: none"> Agarwal, AnjuD(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.

Reference Books

- Aswalthapa, K (1991) *Organisational Behaviour*, Himalayan Publication, Mumbai.
- Atreya N and Guha (1994) *Effective Credit Management*, MMC School of Management, Mumbai.
- Bahl, J.C. and Nagamia, S.M. (1974) *Modern Business Correspondence and Minute Writing*.
- Balan, K.R. and Rayudu C.S. (1996) *Effective Communication*, Beacon New Delhi.
- Bangh, LSue, Fryar, Maridell and Thomas David A. (1998) *How to Write First Class Business Correspondence*, N.T.C. Publishing Group USA.
- Banerjee, Bani P (2005) *Foundation of Ethics in Mangement* Excel Books 10. *Businessworld Special Collector's Issue: Ethics and the Manager*
- Barkar, Alan (1993) *Making Meetings Work*, Sterling Publications Pvt. Ltd., New Delhi.
- Basu, C.R. (1998) *Business Organisation and Management*, T.M.H. New Delhi.
- Benjamin, James (1993) *Business and Professional Communication Concepts and Practices*, Harper Collins College Publishers, New York.
- Bhargava and Bhargava (1971) *Company Notices, Meetings and Regulations*
- Black, Sam (1972) *Practical Public Relations*, E.L.B.S. London.
- Bovee Courtland, L and Thrill, John V (1989) *Business Communication*, Today McGraw Hill, New York, Taxman Publication.
- Burton, G and Thakur, (1995) *Management Today- Principles and Practices*. T.M.H., New Delhi.
- Darrow, Richard, Forrstal, Dan and Coolman, Aubrey (1967) *Public Relations Handbook*, The Dartwell Co., Chicago.
- Dayal, Ishwar (1981) *Managing Large Organizations: A Comparative Study*.
- Drucher, P.F. (1970) *Technology, Management and Society*, Pan Books London.
- Drucher, P.F. (1974) *Management Responsibilities Practices*, Heinemann, London.
- Eyre, E.C. (1985) *Effective Communication Made Simple*, Rupa and Co. Calcutta.
- Ecouse Barry, (1999), *Competitive Communication: A Rhetoric for Modern Business*, OUP.
- Fisher Dalmar, (1999), *Communication in Organisation*, Jaico Pub House, Mumbai, Delhi.
- Frailley, L.E. (1982) *Handbook of Business Letters*, Revised Edn. Prentice Hall Inc.
- French, Astrid (1993) *Interpersonal Skills*. Sterling Publishers, New Delhi.
- Fritzsche, David J (2005) *Business Ethics: A Global and Managerial Perspective* McGraw Hill
- Garlside, L.E. (1980) *Modern Business Correspondence*, McDonald and Evans Ltd. Plymouth.
- Ghanekar, A (1996) *Communication Skills for Effective Management*. Everest Publishing House, Pune.
- Graves, Harold F. (1965) *Report Writing*, Prentice Hall, New Jersey.
- Gupta, Anand Das (2010) *Ethics, Business and Society: Managing Responsibly Response Books*
- Gupta, Dipankar (2006) *Ethics Incorporated: Top Priority and Bottom Line Response Books*
- Krevolin, Nathan (1983) *Communication Systems and Procedures for Modern Office*, Prentice Hall, New Jersey.
- Lesikar, Raymond V and Petit, John D. (1994) *Business Communication: Theory and Application*, Richard D. Irwin Inc. Illinois.
- Ludlow, Ron. (1995) *The Essence of Effective Communication*, Prentice, New Delhi.
- M. Ashraf, Rizvi (2006) *Effective Technical Communication* Tata McGraw Hill
- Martson, John E. 1963) *The Nature of Public Relations*, McGraw Hill, New Delhi.
- Majumdar, P.K. (1992) *Commentary on the Consumer protection Act*, Prentice, New Delhi.
- McQuail, Denis (1975), *Communication*, Longman.
- Merrihue, William (1960) *Managing by Communication*, McGraw Hill, New York.
- Mishra Rajiv K (2006) *Code of Conduct for Managers* Rupa Company
- Monippalli, M.M. (1997), *The Craft of Business Letter Writing*, T.M.H. New Delhi.
- Montagu, A and Matson, Floyd (1979) *The Human Connection*, McGraw Hill, New York.
- Murphy, Herta and Hilde Brandt, Herbert W (1984) *Effective Business Communication*, McGraw Hill, New York.
- Parry, John (1968) *The Psychology of Human Communication*.
- Parson, C.J. and Hughes (1970) *Written Communication for Business Students*, Great Britain.

Reference Books

- Peterson, Robert A and Ferrell, O.C (2005) *Business Ethics: New Challenges for Business Schools and Corporate Leaders* Prentice Hall of India Pvt., Ltd
- Phillip, Louis V. (1975) *Organisational Communication- The Effective Management*, Columbus Grid Inc. 49..
- Ross, Robert D. (1977) *The Management of Public Relations*, John Wiley and Sons, U.S.A.
- Sadri Sorab, Sinha Arun and Bonnerjee peter (1998) *Business Ethics: Concepts and Cases* Tata McGraw Hill Public Company Limited
- Shekhar, R.C (1997) *Ethical Choices in Business Response Books*
- Stephenson, James (1988) *Principles and Practice of Commercial Correspondence*, Pilman and Sons Ltd. London.
- 53.. Shurter, Robert L. (1971) *Written Communication in Business*, McGraw Hill, Tokyo

Foundation Course - II

- *A decade of economic reforms in India (The past, the present, the future)*-Edited by Raj Kapila and Uma Kapila, Academic Foundation (2002)
- *Impact of the policies of WTO on Indian agriculture* - S. Nehru, Serial Pub. (2012)
- *Privatisation of public enterprises – Emerging dimensions –* Edited by G.S. Batra, NarinderKaur ,Anmol Pub. (1995)
- *Economics of development –* Dwight Perkins, Steven Radelet, David Lindauer, Norton company (2006)
- *Industrial Policy and economic development in India (1947 -2012) –* AnupChatterjeeNew Century Pub. (2012)
- *Globalisation and development of backward areas –* Edited by G. Satyanarayana New Century Pub. (2007)
- *Contemporary issues in globalisation – An introduction to theory and policy in India* SoumyenSikder , Oxford University Press (2002)
- *Environmental Studies –* Dr. Vijay Kumar Tiwari , Himalayan Pub. (2010)
- *Ecology and environment –* Benu Singh, Vista International Pub. (2006)
- *Universal Human Rights : In theory and practice*, Jack Donnelly, (2014)
- *Stress Management –* Dr. N. Tejmani Singh ,Maxford books (2011)
- *Stress blasters –* Brian Chchester, Perry Garfinkel and others , Rodale Press (1997)

Foundation Course in 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
- *RashtriyaSevaYojanaSankalpana* - Prof.Dr.SankayChakane, 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.*
- *PurushottamSheth, Dr.Shailaja Mane, National Service Scheme*

Reference Books

- *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/>
- <http://en.wikipedia.org/wiki/national-service-scheme> 19=<http://nss.nic.in/admininstruct>
- <http://nss.nic.in/propexpan>
- <http://nss.nic.in>
- <http://socialworknss.org/about.html>

Foundation Course in 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, Radhakrishnan 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 Modified 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*
- *Yoga Illustrated, New Delhi, Ministry of Information and Broadcasting, 1995*

Reference Books

- *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

Foundation Course in Physical Education

- LippianCott Williams and Wilkins 2006.
- American College of Sports Medicine, ACSM's, *Guidelines for Exercise Testing and Prescription*. (2013) Ninth Edition, LippianCott Williams and Wilkins.
- American College of Sports Medicine, ACSM's *Resource Manual for Guidelines for Exercise Testing and Prescription*. (2006) 5th Ed., LippianCott Williams and Wilkins, 2006.
- Beashel, P., & Taylor, J. (1996). *Advance Studies in Physical Education and Sports*. U.K.: Thomas Nelson and Sons Ltd.
- Bucher, C.A. (1995). *Foundation of Physical Education (12th Ed.)* USA : St. Louis,
- C.V. Mosloy.
- Colfter, G.R., Hamilton, K.E., Magill R.A., & Hamilton B.J. (1986). *Contemporary Physical Education*. USA :Wim C. Brown Publisher.
- Daryl S. (1994). *Introduction to physical education, fitness and sports (2nd ed.)*. London: Mayfield publishing company.
- Dheer, S.D.(1991). *Introduction to Health Education*. New Delhi : Friends Publication.
- Dr.A.K.Uppal&Dr. G. P. Gautam (2004). *Physical education and Health*. Delhi: Friends publisher.
- Dr.Gharote M. L; *Teaching Methods for Yogic Practices*. – 2nd Ed., KaivalyadhamSamiti, Lonavala-2001.
- Dr.Gharote M. L; *Guideline for Yogic Practices – 2nd Ed.*, The Lonavala Yoga Institute (India), Lonavala- 2007
- Greenberg, Dintiman, Oakes. (2004). *Physical Fitness & wellness*.(3rd ed.) IL:Human kinetics.
- Halfield, F.C. (2001). *Fitness : The Complete Guide*. USA : International Sports Science Association.
- Jackson, A.L., Morrow, J.R. (2004). *Physical activity for health & fitness*. IL:Human kinetics.
- 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.
- Lock Hurt and others – *Anatomy of the human body*, Feber&Feber Oxford University, 1975
- Muller, J. P.(2000). *Health, Exercise and Fitness*. Delhi : Sports.
- Murgesh N. – *Anatomy, Physiology and Health Education*, Sathya, Chinnalapatti, 1990.
- 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, *Yoga for Health and Peace*.- 6th Ed., Yoga VidyaNiketan, Mumbai., 2004.
- Pate R.R. &Hohn R.C. (1994). *Health Fitness Through Physical Education*. USA : Human Kinetics.
- 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 SahityaKendra.Werner. W.K., Hoeger. (2007). *Fitness and Wellness*. (8th ed.). Wadsworth, Cengage Learning.

Reference Books

Introduction to Financial Intermediaries

- *Meir Kohn: Financial Institutions and Markets, Tata McGraw Hill*
- *L M Bhole: Financial Institutions and Markets, Tata McGraw Hill*
- *Vasantha Desai: The Indian Financial System, HPH*
- *M Y Khan: Indian Financial System, TMH*
- *D.K. Murthy and Venugopal : Indian Financial System I.K. International Publishers*
- *P N Varshney & D K Mittal: Indian Financial System, Sulthan Chand & Sons*
- *E Gardon & K Natarajan: Financial Markets & Services.*
- *G. Ramesh Babu; Indian Financial System. HPH*
- *S.C. Sharma and Monica : Indian Financial System I.K. International Publishers*
- *A Datta ; Indian Financial System, Excel Books*
- *M Pandey, Financial management.*
- *R P Rustagi, Financial management.*
- *J C Vanhorne, Financial management.*
- *S.C. Sharam and Monica : Indian Financial System I.K. Intl*
- *Dr. Besant Ray, Corporate management.*
- *Weston and Brigham, Essentials of Managerial Finance.*
- *P N Varshney & D K Mittal: Indian Financial System, Sulthan Chand & Sons*
- *E Gardon & K Natarajan: Financial Markets & Services*
- *Nishikanta Jha ; Mergers Acquisitions and Corporate Restructurings*
- *Sudhindra Bhat ; Corporate Finance.*

Investment Banking

- *Joshua Rosenbaum and Joshua Pearl, Investment Banking: Valuation, Leveraged Buyouts, and Mergers and Acquisitions, Wiley Publication; 2 edition (May 28, 2013)*
- *2. Matthew Krantz and Robert Johnson, Investment Banking for Dummies, 1 edition (February 10, 2014)*
- *3. Michel Fleuriet, Investment Banking Explained: An Insider's Guide to the Industry, McGraw-Hill Education; 1 edition (July 17, 2008)*
- *4. Tom Lott, Vault Career Guide to Investment Banking, Vault Publication, 5th edition (February 2, 2005)*
- *5. K. Thomas Liaw, The Business of Investment Banking: A Comprehensive Overview, Wiley Publication; 3 edition (November 1, 2011)*

Revised Syllabus of Courses of B.Com. (Investment Management)
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 (½ Mark each)	05 Marks
	Answer in One or Two Lines (Concept based Questions) (01 Mark each)	05 Marks
	Answer in Brief (Attempt Any Two of the Three) (05 Marks each)	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.

B.Com. (Investment Management) Programme

Under Choice Based Credit, Grading and Semester System

Course Structure

S.Y.B.Com. (Investment Management)

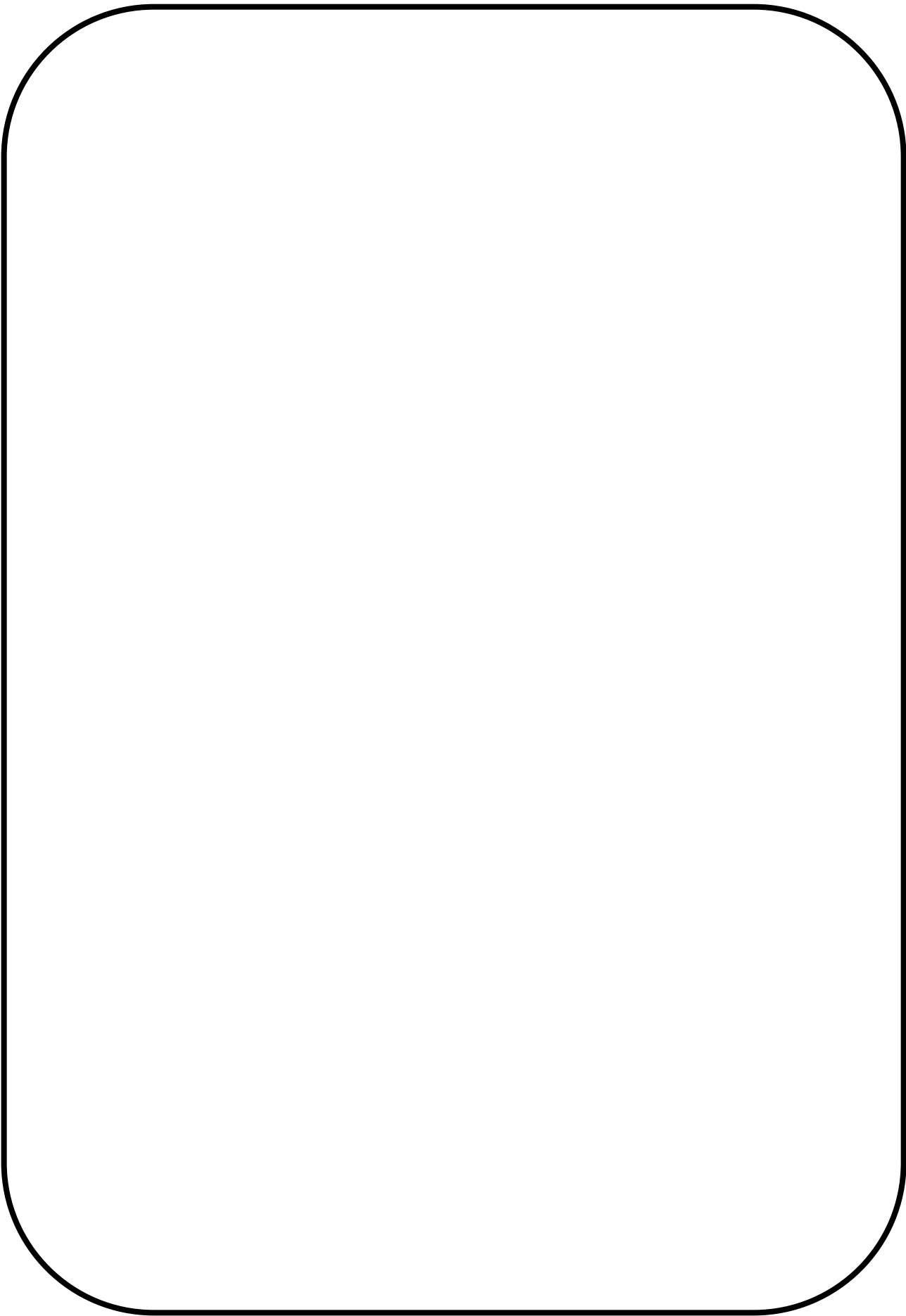
(To be implemented from Academic Year- 2017-2018)

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
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 (AECC)		2A	Ability Enhancement Compulsory Course (AECC)	
4	Information Technology in Investment Management - I	03	4	Information Technology in Investment Management - 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	Security Analysis and Portfolio Management – I	03	6	Security Analysis and Portfolio Management – II	03
7	Mutual Fund Management	03	7	Business Economics-II	03
Total Credits		20	Total Credits		20

*List of Skill Enhancement Courses (SEC) for Semester III (Any One)			**List of Skill Enhancement Courses (SEC) for Semester IV (Any One)		
1	Foundation Course – III (An Overview of Investment Management)		1	Foundation Course – IV (An Overview of Banking & Insurance)	
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 Elective Courses (EC) for Semester III (Any Three)			**List of Elective Courses (EC) for Semester IV (Any Three)		
1	Financial Management - I		1	Financial Management –II	
2	Cost and Management Accounting		2	Direct Taxation	
3	Fundamentals of Capital Market		3	Fundamentals of Equity Market	
4	Financial Services		4	Financial Derivatives	
5	Marketing of Investment Products		5	Introduction to Equity Research	

Note: Course selected in Semester III will continue in Semester IV



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

1. Elective Courses (EC)

***Financial Management - I
Modules at a Glance***

Sr. No.	Modules	No. of Lectures
1	Introduction to Finance and Financial Management	15
2	Financial Goal Setting & Time value of Money	10
3	Investment Decisions: Capital Budgeting	15
4	Financial Decisions	20
Total		60

Sr. No.	Modules / Units
1	Introduction of Finance and Financial Management A) Introduction to Finance <ul style="list-style-type: none"> Meaning and definition of finance Importance of finance Types of Finance: Public and Private Sources of finance <ul style="list-style-type: none"> Long term Sources : Term Loans, Debentures, Bonds, Zero Coupon bonds, Convertible Bonds, Equity shares, Preference shares, CD, CP, Public Deposits Short Term sources: Bank Finance, Trade Credit ,Other Short Term Sources Venture Capital and Hybrid Financing B) Financial Management <ul style="list-style-type: none"> Meaning and Importance of Financial Management Scope of Financial Management Functions and Objectives of Financial Management Primary Objective of Corporate Management Agency Problem Organization of Finance Function Emerging role of Finance Managers in India C) Objectives of the Firm <ul style="list-style-type: none"> Profit Maximization and Shareholders Wealth Maximization Profit V/s Value Maximization
2	Financial Goal Setting & Time value of Money A) Financial Goal Setting <ul style="list-style-type: none"> Introduction Financial Forecasting – Meaning, Techniques, Benefits Approaches to Financial Planning Economic Value Added (EVA)– Measurement & Components Free Cash Flow (FCF) B) Time Value of Money <ul style="list-style-type: none"> Concept Present Value Annuity Techniques of Discounting Techniques of Compounding.
3	Investment Decisions: Capital Budgeting A) Capital Budgeting <ul style="list-style-type: none"> Nature of Capital Budgeting Purpose of Capital Budgeting Capital Budgeting Process Types of Capital Investment Basic Principle of Measuring Project Cash Flows Increment Principle, Long Term Funds Principle, Exclusion of Financial Cost Principle, Post Tax Principle Probability technique for measurement of cash flow Capital Budgeting Techniques: Net Present Value Profitability Index and Discounted Pay Back Method. A Comparison; Project Selection Under Capital Rationing (Note: Problems on computation of cash flow, ranking of projects on various

	techniques, selection and analysis with / without capital rationing)
Sr. No.	Modules / Units
4	Financial Decisions
	<p>A) Cost of Capital :</p> <ul style="list-style-type: none"> • Introduction and Definition of Cost of Capital • Measurement of Cost of Capital • Measurement of WACC using book value and market value method. • Measuring Marginal Cost of Capital <p>B) Capital Structure Decisions:</p> <ul style="list-style-type: none"> • Meaning and Choice of Capital Structure • Importance of Optimal Capital Structure • EBIT -EPS Analysis • Capital Structure Theories • Dividend Policies (Walter & Gordon)

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1. Elective Courses (EC)

Cost and Management Accounting

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Unit Costing and Reconciliation of cost and financial accounts	15
2	Job Costing and Process Costing	15
3	Marginal Costing	15
4	Introduction to Standard Costing	15
Total		60

Sr. No.	Modules / Units
1	Unit Costing and Reconciliation of cost and financial accounts
	<p>A) Introduction to Costing</p> <ul style="list-style-type: none"> • Meaning, Nature, Scope, Objective of Cost Accounting • Financial Accounting v/s Cost Accounting • Advantages and Disadvantages of Cost Accounting • Elements of Costs-Cost classification • Installation of Cost Accounting System <p>B) Unit costing and Reconciliation of cost and financial accounts. Note- Practical problems based on preparation of cost sheet reconciliation of cost and financial accounts.</p>
2	Job Costing and Process Costing
	<p>A) Job Costing</p> <ul style="list-style-type: none"> • Job cost cards and databases • Collecting direct costs of each job • Attributing overhead costs to jobs • Applications of job costing <p>B) Process Costing</p> <ul style="list-style-type: none"> • Introduction, Meaning, Scope and Objectives • Measurement of Process loss, Abnormal gains and losses • Joint products and by products. <p>(Excluding Equivalent units and Inter-process profit)</p>
3	Marginal Costing
	<p>A) Marginal Costing</p> <ul style="list-style-type: none"> • Meaning, Application, Advantages, Limitations • Calculation of Contribution, Breakeven analysis , Profit-Volume Ratio, Margin of Safety and Required Sales to earn desired Profits. <p>Note Simple Practical problems based on Marginal Costing excluding decision making</p>
4	Introduction to Standard Costing
	<p>A) Introduction to Standard Costing</p> <ul style="list-style-type: none"> • Various types of standards and Setting of standards • Basic concepts of Material and Labour variance analysis. <p>Note:-Simple Practical problems based on Material and Labour variances excluding sub variances and overhead variances</p>

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1. Elective Courses (EC)

Fundamentals of Capital Market

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Capital Market	15
2	Market Infrastructure for Capital Markets	15
3	Introduction to Collective Investment Scheme	15
4	Resource Mobilization in International Market.	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Capital Market
	<p>A) Overview of Capital Market - Indian Capital Market, Authorities Governing Capital Markets in India, Profile of Securities Market, Securities Market Reforms and Regulatory Measures to Promote Investor Confidence, Features of Developed Capital Market: IOSCO , Overview of Depository System in India.</p> <p>B) Capital Market Instruments and Rating- Capital Market Instruments: Equity, Debentures, Preference Shares, Sweat Equity, Non-Voting Shares, Share Warrants, Derivatives and Hybrid Instruments.</p> <p>C) Rating and Grading of Instruments: Concept, Scope, Significance and Factors influencing Ratings of Instruments.</p>
2	Market Infrastructure for Capital Markets
	<p>A) Introduction to Stock exchange – Functions and significance, Operation and Trading Mechanisms of Stock exchanges , Types of Delivery , Margins, Margin Trading , Book Closure and Record Date, Trading of Partly Paid Shares and Debentures ,Trend Line, Trading Volume, Turnover and Outstanding Position, Market Making, Short Selling, Securities Lending and Borrowing, Straight Through Processing and Direct Market Access (DMA)</p>
3	Introduction to Collective Investment Scheme
	<p>A) Introduction to SEBI (Collective Investment Schemes) Regulations, 1999 – An Overview, Application fee to accompany the application, Furnishing of information , Conditions for eligibility, Grant of certificate, Terms and conditions, Procedure where registration is not granted, Restrictions on business activities, Obligations of collective investment management company(CIMC), Submission of information and documents, Trustees and their obligations, Contents of trust deed, Eligibility for appointment as trustee, Termination of trusteeship, Termination of the agreement with the collective investment management company(CIMC), Procedure for launching of schemes, Disclosures in the offer document , Allotment of units and refunds of money, Unit certificates, Transfer of units, Investments and segregation of funds, Listing of scheme and Winding up of scheme</p>
4	Resource Mobilization in International Market.
	<p>A) Introduction to Global Finances – Introduction to Depository Receipts, ADR & GDR, Depository Receipts Scheme 2014 , Pricing of securities, Sponsored ADR/GDR issue, Two-way Fungibility scheme , Provisions of Companies Act, 2013 relating to issue of GDRs, Companies (Issue of Global Depository Receipts) Rules, 2014, Procedure for issuance of GDR/FCCBs , Approvals required , Appointment of Intermediaries, Principal Documentation, Pre and Post Launch – Additional Key Actions</p> <p>B) Foreign Currency Exchangeable Bonds – An introduction, Difference between FCCB and FCEB, Issue of Foreign Currency Exchangeable Bonds (FCEB) Scheme,2008, Foreign Currency Convertible Bonds and Ordinary Shares (Through Depository Receipt Mechanism) Scheme, 1993 and External Commercial Borrowings (ECB) - Forms and Features</p>

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2018***

1. Elective Courses (EC)

Financial Services

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Traditional Financial Services	15
2	Securitization	15
3	Financial Services - I	20
4	Financial Services - II	10
Total		60

Sr. No.	Modules / Units
1	Introduction to Traditional Financial Services
	<p>A) Financial Services:- Concept, Objectives, Functions, Characteristics, Introduction to Financial Service Market, Growth of Financial Services in India, Problems in Financial Services Sector, Introduction to Banking and Non-Banking Companies.</p> <p>B) Factoring and Forfaiting: Introduction, Types of Factoring, Theoretical Framework, Factoring Cost, Advantages and Disadvantages of Factoring, Factoring in India, Factoring v/s Forfaiting, Working of Forfaiting, Benefits and Drawbacks of Forfaiting.</p> <p>C) Bill Discounting: Introduction, Framework, Bill Market Schemes, Factoring V/s Bill Discounting in Receivable Management.</p>
2	Securitization
	<p>A) Issue Management and Intermediaries: Introduction, Merchant Bankers/ Lead Managers, Underwriters, Bankers to an Issue, Brokers to an Issue</p> <p>B) Stock Broking: Introduction, Stock Brokers, Sub Brokers, Foreign Brokers, Trading and Clearing/Self Clearing Members, Stock Trading (Cash and Normal) Derivative Trading</p> <p>C) Securitization: Definition, Securitization v/s Factoring, Features of Securitization, Pass Through Certificates, Securitization Mechanism, Special Purpose Vehicle, Securitisable Assets, Benefits of Securitization.</p>
3	Financial Services - I
	<p>A) Lease and Hire-Purchase: Meaning, Types of Lease - Finance Lease, Operating Lease, Advantages and Disadvantages of Leasing, Leasing in India, Legal Aspects of Leasing. Definition of Hire Purchase, Hire Purchase and Instalment Sale Characteristics, Hire, Purchase and Leasing, Advantages of Hire Purchase, Problems of Hire Purchase.</p> <p>B) Housing Finance: Introduction, Background of Housing Finance Industry, Housing Finance Policy Aspect, Sources of Funds, Market of Housing Finance, Housing Finance in India- Major Issues, Housing Finance in India – Growth Factors, Introduction to Housing Finance Institutions in India, National Housing Bank (NHB), Guidelines for Asset Liability Management System in HFC, Fair Trade Practice Code for HFC's, Housing Finance Agencies</p> <p>C) Venture Capital: Introduction, Features of Venture Capital, Types of Venture Capital, Financing Stages, Disinvestment mechanisms, Venture Capital Investment process.</p>
4	Financial Services - II
	<p>A) Credit Rating Services - Meaning, Origin, Features, Advantages of Rating, Regulatory Framework, Credit Rating Agencies, Credit Rating Process, Credit Rating Symbols. Credit Rating Agencies in India, Limitations of Rating</p> <p>B) Consumer Finance - Introduction, Sources, Types of Products, Consumer Finance Practice in India, Terms, Pricing, Marketing and Insurance of Consumer Finance, Consumer Credit Scoring, Case for and against consumer Finance.</p>

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Marketing of Investment Products

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Marketing	15
2	Introduction to Financial Products	15
3	Buying Behaviour	10
4	E- Marketing	20
Total		60

Sr. No.	Modules / Units
1	Introduction to Marketing
	A) Introduction to Marketing - Meaning, Definition of Marketing, Marketing concept and its evolution, Difference between marketing and selling, Concept of services- Difference between goods and services, Goods service continuum, Service marketing triangle- Characteristics of services- Marketing mix elements(4 and 7 Ps)- Environmental analysis-Macro and Micro Environment
2	Introduction to Financial Products
	A) Introduction to Financial Products - Financial service products meaning and Features, Investment related products- concepts and features-classification. B) Marketing fundamentals - Market segmentation, Distribution channels-pricing, Decision-factors affecting pricing-pricing policies, Role of regulators in pricing-structure and Marketing of financial products based on client requirements. C) CRM - Importance of CRM in Marketing of Financial Services-CRM and Relationship, Marketing-CRM, Concept-CRM implementation and evaluation.
3	Buying Behaviour
	A) Consumer's buying behavior -Factors affecting buying behavior, Need and importance of competition analysis, Porters five force model. B) Marketing Strategies - Market entry strategies Recent trends in marketing of investment products, Marketing through social networking channels.
4	E- Marketing
	A) Introduction to E- Marketing – Meaning, Objectives, Features, Scope, Benefits, Problems and Techniques B) E-Marketing Tools – Introduction, Objectives, E-mail Marketing, Creating a website, Social Media Marketing, Pay per Click Advertising, Search Engine Optimization, Blogging and Classified Advertising C) Application of E- Marketing - Introduction, Objectives, Online Advertising, Direct Response Medium, Role of Distribution in E-Marketing, Lead Generation Platform, Customer Service Mechanism and Relationship Building Medium.

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2A. Ability Enhancement Courses (AEC)

Information Technology in Investment Management- I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	E-Commerce	10
2	Support Systems	15
3	E-Payments	15
4	MS-Office: Packages for Institutional Automation	20
Total		60

Sr. No.	Modules / Units
1	E-Commerce
	<p>A) Introduction to Electronic Commerce - E-Commerce Framework, E-Commerce and media convergence, Anatomy of E-Commerce Applications, E-Commerce Consumer and Organization Applications</p> <p>B) The network Infrastructure for Electronic Commerce - Market forces influencing the I-way, Components of I-way, Network Access Equipment</p> <p>C) E-Commerce and World Wide Web - Architectural framework of E-Commerce, WWW and its architecture, hypertext publishing, Technology behind the web, Security and the Web</p>
2	Support Systems
	<p>A) Management Information System (MIS) - Definition of MIS, Role and Impact of MIS, MIS and Users, MIS as a Control System, MIS –a support to the Management, Management Effectiveness and MIS, Organization as a System, MIS: Organization Effectiveness</p> <p>B) Enterprise Resource Planning(ERP) - Definition of ERP, Need of ERP, History of ERP, Benefits of ERP, ERP applications and Emerging trends, ERP –A Subset of Enterprise Applications</p> <p>C) E-CRM: - Customer Relationship Management, Typical Business Touchpoints, Orbitz</p>
3	E-Payments:
	<p>A) E-payment systems – An overview, B2C payments, B2B payments. Types of E- payment system – Credit card payment, debit cards, accumulating balance, online stored value payment systems, digital cash, digital (electronic) wallets, agile wallet, smart cards and digital cheques, plastic money, Secure Electronic Transaction (SET) Protocol</p>
4	MS-Office: Packages for Institutional Automation
	<p>A) Ms-Word: Usage of smart art tools, bookmark, cross-reference, hyperlink, mail merge utility and converting word as PDF files.</p> <p>B) Ms-Excel: Manipulating data, Working with charts, Working with PIVOT table and what-if analysis; Advanced excel functions-Vlookup(), hlookup(),pv(),fv(), pvschedule(),goal seek(), confidence(),AVERAGE(), averagea(),averageif(), averageifs(),MIN(), MAX(), COUNT(),COUNTA(), countif(), countifs(), ROUND(), INT(), avedev(), nested functions, name ,cells/ranges/constants, relative, absolute & mixed cell reA) ferences, >,<,<=operators, Logical functions using if, and, or, not, date and time functions & annotating formulae.</p> <p>C) Macros: Creating and executing VBA macros embedded in an excel sheet.</p>

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2B. Skill Enhancement Courses (SEC)

***Foundation Course – III
(An Overview of Investment Management)***

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Security Contract Act	10
2	Risk management	10
3	Fundamentals of Investments and its avenues	15
4	Financial literacy and Individual Investing	10
Total		45

Sr. No.	Modules / Units
1	Security Contract Act
	A) Security Contract Act – Important Terms, Objectives, Types of Contract, Stock Exchange Recognition, Refusal of Recognition, Listing and Delisting of Security, Byelaws, Functions, Appellate Authority, Cancellation, Fines and penalties.
2	Risk management
	<p>A) Risk management: - Concept of Risk, Type of Risk –systematic risk unsystematic risk, Risk management process, Risk identification, Risk evaluation, Risk mitigation, Risk handling.</p> <p>B) Risk Governance - Importance and Scope of Risk Governance, Risk and Three lines of Defense, Risk Management and Corporate Governance</p> <p>C) Risk Assurance – Purpose and Sources of Risk Assurance, Nature of Risk Assurance Reports and Challenges of Risk</p> <p>D) Risk and Stakeholders Expectations – Identifying the range of stakeholders and responding to stakeholders expectations.</p>
3	Fundamentals of Investments and its Avenues
	<p>A) Fundamentals of Investments:- Meaning and definition, Need and importance of investment, Investment objectives, Elements of Investment, Investment avenues, Taxes and investments, Place of liquidity in investment decisions, Importance of investment management.</p> <p>B) Sources and Avenues of Investments: - Bank Products, Banks and credit unions, Bonds, Stocks, Investment Funds, Annuities. Features of Equity Share & Preference Share, Features of Debenture, Valuation of Equity Shares and its Techniques, Valuation of Debentures and its Techniques. Valuation of bullion Gold and Silver, Characteristics and Important features of Investment in bullion, Bullion Market and its operations, Factor influencing demand and supply of bullion, Gold ETF, Linkage with foreign exchange and currency.</p>
4	Financial literacy and Individual Investing
	<p>A) Introduction to Financial literacy: Meaning, need and importance of financial literacy, Components of financial literacy, Individual economic system, personal finance planning, RBI initiatives in financial literacy.</p> <p>B) Individual Investing - Getting ready to invest - Saving versus investing - Getting started – discipline and planning are key - Define your goals and investment time frame - Decide if you need income, growth or both - Understand the risks - Diversify to minimize risk - Recognize the importance of cost and tax.</p>

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2B. Skill Enhancement Courses (SEC)

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>

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	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 Semester iii. In all 8 Questions will be asked out of which 5 have to be attempted.	a) Total marks: 15 b) 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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2B. Skill Enhancement Courses (SEC)

Foundation Course in NSS - I

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
	UNIT - I – Value System Meaning of value, Types of values- human values and social responsibilities- Indian value system- the concepts and its features 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
2	Disaster preparedness & Disaster management
	UNIT - I - Basics of Disaster preparedness Disaster- its meaning and types Disaster preparedness- its meaning and methods 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
3	Health, hygiene & Diseases
	UNIT - I - Health and hygiene Concept of complete health and maintenance of hygiene UNIT - II - Diseases and disorders- preventive campaigning Diseases and disorders- preventive campaigning in Malaria, Tuberculosis, Dengue, Cancer, HIV/AIDS, Diabetes
4	Environment & Energy conservation
	UNIT - I Environment and Environment enrichment program Environment- meaning, features , issues, conservation of natural resources and sustainability in environment UNIT - II Energy and Energy conservation program Energy- the concept, features- conventional and non- conventional energy Energy conservation- the meaning and importance

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2B. Skill Enhancement Courses (SEC)

Foundation Course in NCC - 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
	<p>Army</p> <p>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</p> <p>A. Armed Force</p> <ul style="list-style-type: none"> • Task and Role of Fighting Arms • Modes of Entry to Army • Honors and Awards <p>B. Introduction to Infantry and weapons and equipments</p> <ul style="list-style-type: none"> • Characteristics of 5.56mm INSAS Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning • Organization of Infantry Battalion. <p>C. Military history</p> <ul style="list-style-type: none"> • Study of battles of Indo-Pak War 1965,1971 and Kargil • War Movies <p>D. Communication</p> <ul style="list-style-type: none"> • Characteristics of Walkie-Talkies • Basic RT Procedure • Latest trends and Development (Multi Media, Video Conferencing, IT) <p style="text-align: center;">OR</p> <p>Navy</p> <p>A. Naval orientation and service subjects</p> <ul style="list-style-type: none"> • 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 <p>B. Ship and Boat Modelling</p> <ul style="list-style-type: none"> • 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

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2B. Skill Enhancement Courses (SEC)

Foundation Course in Physical Education - 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 & mis-conceptions 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

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3. Core Courses (CC)

Security Analysis and Portfolio Management – I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Portfolio Management – An Introduction	10
2	Portfolio Analysis and Selection	20
3	Portfolio Revision and Evaluation	15
4	Bond Valuation	15
Total		60

Sr. No.	Modules / Units
1	Portfolio Management – An Introduction
	<p>A) Investment- Meaning, Characteristics, Objectives, Investment V/s Speculation, Investment V/s Gambling and Types of Investors</p> <p>B) Portfolio Management – Meaning, Evolution, Phases, Role of Portfolio Managers, Advantages of Portfolio Management.</p> <p>C) Investment Environment- Investment Environment in India and factors conducive for investment in India.</p>
2	Portfolio Analysis and Selection
	<p>A) Portfolio Analysis – Meaning and its Components, Calculation of Expected Return and Risk, Calculation of Covariance, Risk – Return Trade off.</p> <p>B) Portfolio Selection – Meaning, Feasible Set of Portfolios, Efficient Set of Portfolios, Selection of Optimal Portfolio, Markowitz Model, Limitations of Markowitz Model, Measuring Security Return and Portfolio Return, Risk under Single Index Model and Multi Index Model.</p>
3	Portfolio Revision and Evaluation
	<p>A) Portfolio Revision – Meaning, Need, Constraints and Strategies.</p> <p>B) Portfolio Evaluation – Meaning, Need, Measuring Returns (Sharpe, Treynor and Jensen Ratios) and Decomposition of Performance</p>
4	Bond Valuation
	<p>A) Bond Valuation – Meaning, Measuring Bond Returns – Yield to Maturity, Yield to call</p> <p>B) Bond Pricing – Introduction, Bond Pricing Theorems, Bond Risks and Bond Duration.</p>

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3. Core Courses (CC)

Mutual Fund Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Mutual Fund	15
2	Classification of Mutual Fund	15
3	Fund Selection Criteria	10
4	Financial Planning in Mutual fund	20
Total		60

Sr. No.	Modules / Units
1	Introduction to Mutual Fund
	<p>A) Introduction to Mutual Fund - History & Origin, Definition, Meaning, Characteristics, Advantages, Disadvantages, Limitations of Mutual Funds, Ethics in Mutual Fund. Entities involved – Sponsor, Trust, Trustee, Asset Management Company, Registrar and Transfer Agent (RTA) and Fund Houses in India.</p> <p>B) Legal Framework - Role of regulatory agencies for Mutual funds – SEBI, RBI, AMFI, Ministry of Finance, SRO, Company Law Board, Department of Company's affairs, Registrar of Companies MF guidelines on Advertisement , Accounting , Taxation and Valuation norms, Guidelines to purchase Mutual Funds, Investor protection and MF regulations, Grievance mechanism in India</p>
2	Classification of Mutual Fund
	<p>A) Types of Mutual Funds - (Introduction and Characteristics)</p> <ul style="list-style-type: none"> • Functional/Operational – Open ended, close ended, Interval, • Portfolio-Income, Growth, Balanced, MMMF • Geographical/ Location-Domestic, Offshore • Miscellaneous - Tax Saving Funds, Exchange Traded Funds, Balance Funds, Fixed Term Plan, Debt Funds, Systematic Investment Plan and Systematic Transfer Plan. <p>B) Introduction to Portfolio Maturity, Calculations of NAV, Entry Load, Exit Load</p>
3	Fund Selection Criteria
	<p>A) Fund Rating and Ranking – Its need and importance. Basis of Ratings, Interpretation of Funding Rating by CRISIL, CARE and ICRA, Selection Criteria (Size, Stability, Credit Portfolio, Performance)Performance Measurement – Rolling Returns and Benchmarking</p>
4	Financial Planning in Mutual fund
	<p>A) Basics of Financial Planning – Financial Planning Steps, Life Cycle, Wealth Cycle, Risk Profiling, Asset Allocation, Contingency Funds.</p> <p>B) Investors Guide towards Financial Planning – Eligibility for investment in MF, KYC (Individuals, Micro SIPs, Institutional Investors, Fund Category Guidance (Long Bond Funds, Short Bond Funds, Ultra Short Bond Funds) , Need for financial Advisor, Difference between advisor and Distributor, Colour Coding MF products, Bank FD's V/s Mutual Funds, Dividend V/s Growth Option</p> <p>C) Developing Model Portfolio for Investors – Model Portfolios meaning, Step by Step Approach of Building Model Portfolio</p>

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1. Elective Courses (EC)

Financial Management -II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Working Capital Management	10
2	Management of Components of Working Capital	15
3	Financial Planning	15
4	Financial Policy and Corporate Strategy	15
Total		60

Sr. No.	Modules / Units
1	Working Capital Management
	<p>A) Introduction to Working Capital Management – Meaning, Need, Importance, Scope, Types of working capital, Operating cycle and Estimating working capital needs of an organization.</p> <p>B) Financing Working Capital Requirements – Sources of short term finances – Trade credit, Certificate of deposits, Commercial Papers, Bank Credit</p>
2	Management of Components of Working Capital
	<p>A) Management of Cash and Marketable Securities: Motives for Holding Cash; Objectives of Cash Management; Factors Determining Cash Needs; Basic Strategies of Cash Management; Cash Management Techniques / Processes; Marketable Securities; and Cash Management Practices in India.</p> <p>B) Receivable Management: Objectives; Credit Policies; Credit Terms; and Collection Policies.</p> <p>C) Inventory Management: Objectives and Techniques.</p>
3	Financial Planning
	<p>A) Introduction to Budgetary Control - Meaning and Essentials of Budget, Types of Budget, Advantages of Budgeting, Zero Based Budgeting and Master Budget.</p> <p>B) Introduction to Sales Budget, Production Budget, Material Budget, Cash Budget and Flexible Budget.</p>
4	Financial Policy and Corporate Strategy
	<p>A) Introduction to Strategic Financial Management - Meaning of Strategic Financial Management, Strategic financial decision making framework and Functions of Strategic financial management</p> <p>B) Business Risk and Financial Risk - Introduction, Debt v/s Equity Financing , Types of Leverages, Investment Objective/Criteria for Individuals/Non-business Purpose</p>

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1. Elective Courses (EC)

Direct Taxation

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Direct Taxation	10
2	Heads of Income – I	20
3	Heads of Income – II	10
4	Computation of Total Income and Taxable Income of an Individual	20
Total		60

Sr. No.	Modules / Units
1	Introduction to Direct Taxation
	<p>A) Basic Terms (S. 2,3,4) Assesse, Assessment, Assessment Year, Annual Value, Business, Capital Assets, Income, Previous Year, Person, Transfer.</p> <p>B) Determination of Residential Status of Individual, Firm, HUF and Company</p> <p>C) Scope of Total Income (S.5)</p>
2	Heads of Income – I
	<p>A) Salary (S.15-17)</p> <p>B) Income from House Property(S. 22-27)</p> <p>C) Profit & Gain from Business and Profession(S. 28, 30,31,32, 35, 35D,36,37, 40, 40A and 43B)</p>
3	Heads of Income- II
	<p>A) Capital Gain (S. 45, 48, 49, 50 and 54)</p> <p>B) Income from other sources (S.56- 59)</p> <p>C) Exclusions from Total Income (S.10) (Exclusions related to specified heads to be covered with relevant heads of income)</p>
4	Computation of Total Income and Taxable Income of an Individual
	<p>A) Deductions from Total Income S. 80C, 80CCC, 80D, 80DD, 80E, 80U, 80TTA</p> <p>B) Computation of Taxable Income</p>

Notes

1. The Syllabus is restricted to study of particular sections, specifically mentioned rules and notifications only.
2. All modules / units include Computational problems / Case Study.
3. The Law in force on 1st April immediately preceding the commencement of Academic year will be applicable for ensuing Examinations.

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1. Elective Courses (EC)

Fundamentals of Equity Market

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Equity Market	10
2	Components of Equity Market	20
3	Law relating to Issue of Shares	15
4	Evolving Role of Equity Market	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Equity Market
	A) Meaning and Definition of equity shares, Growth of corporate sector and the simultaneous growth of equity shareholders, Trade-off between ownership and management in companies, Development of equity culture in India
2	Components of Equity Market
	<p>A) Basics of Primary Market - IPO , Book building, Red-Herring Prospectus -it's unique features, Green Shoe option, Sweat equity, ESOP, Right issue of shares, Non-voting shares and Role of merchant bankers in fixing the price</p> <p>B) Market For Equity – Secondary Markets- Definition and functions of Stock Exchanges, Evolution and Growth of Stock Exchanges, Stock Exchanges in India, NSE, BSE, OTCEI and Overseas Stock Exchanges, Recent Development in Stock Exchanges and Stock Market Indices.</p> <p>C) Dealings in Stock Exchanges - Role of Brokers, Stock Market Quotations, Procedure for buying & selling shares, BOLT - On Line Trading/ NEAT System, Clearing & Settlement systems</p>
3	Law relating to Issue of Shares
	A) Issue and Listing of Securities - Listing of Securities, Issue of Capital and Disclosure Requirements (ICDR), Procedure for issue of various types of shares and debentures, Employee Stock Option Scheme and Employee Stock Purchase Scheme, Delisting of Securities.
4	Evolving Role of Equity Market
	<p>A) Role of Equity Markets in economic development - Need for attracting more investors towards equity, Need for strengthening secondary markets, Link between primary Market and secondary market.</p> <p>B) Developments in the Indian Equity Market, Channelizing domestic savings & investments, Role of FDI & Foreign Institution Investment, Role of Retail Investors and Role of SEBI in promoting equity markets</p>

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1. Elective Courses (EC)

Financial Derivatives

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Derivatives market	10
2	Introduction to Trading Systems	15
3	Introduction to Forwards and Futures	20
4	Introduction to Options	15
Total		60

Sr. No.	Modules/ Units
1	Introduction to Derivatives market
	A) Derivatives – Meaning, Elements of a derivative contract, Factors driving growth of derivatives market, Types of derivatives, Types of underlying assets, Participants in derivative market, Advantages & Disadvantages of trading in derivatives market.
2	Introduction to Trading Systems
	A) Basics of Index - Introduction to index, Significance of index, Types of stock market indices, Attributes of an index, Index management, Major indices in India and Application of indices. B) Introduction to Trading Systems - Meaning, Selection criteria of stocks for trading, Selection criteria of index for trading, Adjustments for corporate actions.
3	Introduction to Forwards and Futures
	A) Introduction to Forwards and Futures – Meaning and limitations of forward, Meaning and features of future contract. B) Futures terminology – spot price, future price, contract cycle, expiration day, tick cycle, contract size, contract value, basis, cost of account, initial margin, marking to market, open interest and volume traded, contract specifications, price band, position in derivatives markets. C) Difference between futures and forwards, Pay off for futures, Pricing of futures and Uses of futures.
4	Introduction to Options
	A) Option Market - Basics of options, Option terminology – index option, stock option, buyer of option, writer of option, American option, European Option, option price and premium, lot size, expiration day, spot price, strike price, ITM option, ATM option, OTM option, intrinsic value, time value, open interest, exercise of option, assignment of option, Pay off charts for option B) Pricing fundamentals of options, Black & Scholes Model, Uses of options and Option trading strategies.

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1. Elective Courses (EC)

Introduction to Equity Research

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Equity Research – An Overview	15
2	Fundamentals of Research	15
3	Company Analysis	15
4	Valuation Principles	15
Total		60

Sr. No.	Modules / Units
1	Equity Research – An Overview
	<p>A) Introduction – Meaning, Goals of equity research, Elements of equity research, Process of equity research, Types of equity research, Classification of stocks, Market participants, Role of equity research in capital market and Different approaches to equity research.</p> <p>B) Introduction to Research Analyst Profession – Role of research analyst, Responsibilities of research analyst, Basic principles of interaction with Clients/ Companies, Qualities of Research Analyst.</p>
2	Fundamentals of Research
	<p>A) Fundamentals of Research – Key points considered before investing, Research on business and stocks, Overview of Fundamental analysis, Technical analysis and Behavioural finance.</p> <p>B) Economy Analysis – Principles of macro and micro economics, key economic variables for carrying fundamental analysis, sources of information/data for carrying economic analysis</p> <p>C) Industry Analysis – Theories for analysis for industry performance – Michael Porter’s Five Force Model for Industry Analysis, PESTLE Analysis, BCG Analysis, SCP Analysis. Key industry drivers and sources of information for industry analysis.</p>
3	Company Analysis
	<p>A) Qualitative Dimensions – Understanding business and business models, Company’s SWOT Analysis, Management Quality and its governance system, Pricing power and sustainability of power, Success factors of the company, Compliance orientation of company and sources of information.</p> <p>B) Quantitative Dimensions – History of Business V/s Future of Business, Reading of financial statements, Peer comparison, dividend and earning history of the company and Role of corporate actions of the company.</p>
4	Valuation Principles
	<p>A) Introduction to Valuation – Difference between price and valuation, Need for valuation, Sources of value in business, Discounted cash flow model for business valuation, Absolute Valuations v/s Price Value Sense, Earning based value matrices, Asset based valuation matrices, Trading & Transaction Multiples, SOTP valuation</p> <p>B) Fundamentals of Risk and Return – Introduction to Compounded Annual Growth Rate, Risk in investments, Sensitivity analysis , Comparison of equity returns with bond returns and Behavioural biases influencing investments.</p>

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2A. Ability Enhancement Courses (AEC)

***Information Technology in Investment Management
II***

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	E-Business	10
2	Security for E-Business	15
3	Cyber Law and Security	15
4	MS-Office: Packages for Institutional Automation	20
Total		60

Sr. No.	Modules / Units
1	E-Business
	<p>A) Introduction, E-Commerce – Definition, History of E-commerce, types of E-Commerce B to B etc. Comparison of traditional commerce and e-commerce. E-Commerce business models – major B2 B, B2C model, Consumer-to-Consumer (C2C), Consumer-to-Business (C2B) model, Peer to-Peer (P2P) model and Advantages/ Disadvantages of e-commerce</p> <p>B) Web auctions, Virtual communities, Portals, E-business revenue models.</p>
2	Security for E-Business
	<p>A) Security threats– An overview, Implementing E-commerce security, Encryption – Decryption, Cryptography methods, SSL protocol, Firewalls.</p> <p>B) Threat hunting: Definition of Threat hunting, Threat Hunting vs. Threat detection, Benefits and challenges of threat hunting, Best Practices for threat hunting, Considerations for threat hunting and threat detection, Threat hunting/detection software.</p>
3	Cyber Law and Security
	<p>A) Cyber Crimes - Various threats and attacks, Phishing, Key Loggers, Identity Theft, Call & SMS forging, e-mail related crimes, Denial of Service Attacks, Hacking, Online shopping frauds, Credit card frauds, Cyber Stalking</p> <p>B) Cyber Security - Computer Security, E-Security, Password Security and Reporting internet fraud</p> <p>C) Cyber Law - Need of Cyber Law, History of Cyber Law in India, Legal Aspects of E-Business, Information Technology Act 2000 - salient features.</p>
4	MS-Office: Packages for Institutional Automation
	<p>A) MS-PowerPoint presentation: Internal links between slides, hyperlinks, embedding multimedia content onto the slides (video/audio/stylish text), slide animation, timer, creating new presentation by existing theme, import online themes, creating a template of presentation, save and run the slide show(.ppsx)</p> <p>B) Applications of Internet: - Introduction to e-mail, writing professional e-mails, creating digitally signed documents, Google drive: usage of Google drive in storing the Google documents, excel sheets, presentations and PDF files.</p> <p>C) Use of outlook express: Configuring outlook express, Creating and managing profile in outlook, Sending and receiving e-mails via outlook express, Emailing the merged documents, Boomerang facility of email.</p>

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2B. Skill Enhancement Courses (SEC)

***Foundation Course – IV
(An Overview of Banking & Insurance)
Modules at a Glance***

Sr. No.	Modules	No. of Lectures
1	Introduction to Banking Sector	10
2	Regulatory and Developmental Framework governing Banking & Insurance sector	10
3	Introduction to Life and Health Insurance	10
4	Microfinance & Financial Inclusion	15
Total		45

Sr. No.	Modules / Units
1	Introduction to Banking Sector
	<p>A) Introduction to Banking Sector – Meaning of Banking Companies, primary and secondary functions of banks, banking system in India, Overview of RBI, Public, Private, Co-operative, Payment Bank and Regional Rural Banks</p> <p>B) Introduction to Insurance Sector – Meaning of Insurance Companies, Functions, Principles, Types of insurance policies and their advantages & disadvantages.</p> <p>C) Significance and Role of Banking and Insurance in mobilizing savings, investment, wealth accumulation and economic growth.</p>
2	Regulatory and Developmental Framework governing Banking & Insurance sector
	<p>A) Overview of Regulatory Architecture – Banking Regulation Act 1949, Banking Regulation Act (Amendment 2015), Payment and Settlement Act 2007, Negotiable Instrument Act 1881</p> <p>B) Overview of Regulatory Architecture relating to Insurance - Introduction to Insurance Act 1938 , IRDA Act 1999 and The Insurance Laws (Amendment) Act, 2015</p> <p>C) Developmental Activities of RBI and IRDA</p>
3	Introduction to Life and Health Insurance
	<p>A) Life Insurance Business – Components, Human Life Value Approach, Mutuality, Principle of risk pooling, Life Insurance Contract, Determinants of risk premium.</p> <p>B) Health Insurance – Meaning, IRDA regulations, Determinants of health insurance, Health Insurance Market in India and Determinants of risk premium.</p>
4	Microfinance & Financial Inclusion
	<p>A) Microfinance - Introduction, Need and Code of Conduct for Microfinance Institutions in India, Advantages, Purpose, Limitations and Models of SHG – Bank Linkage Program, Role of NABARD and SIDBI, Portfolio Securitization, SHG-2, NRLM and SRLM, Priority Sector and its Classification</p> <p>B) Financial Inclusion - Need & Extent, RBI Committee Report of Medium Term Path on Financial Inclusion 2015, World Findex Report 2015, NISM Report 2015, (Only Brief Extracts relating to bank account holdings and credit taken) , Features & Procedures of Pradhan Mantri Jan Dhan Yojana, and PM Mudra Yojana, Features, procedures and significance of Stand up India Scheme for Green Field</p>

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2B. Skill Enhancement Courses (SEC)

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	Significant, Contemporary Rights of Citizens
	<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	Approaches to understanding Ecology
	<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	Science and Technology –II
	<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	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 Semester iii. In all 8 Questions will be asked out of which 5 have to be attempted.	a) Total marks: 15 b) 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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2B. Skill Enhancement Courses (SEC)

Foundation Course in 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
	UNIT - I Entrepreneurship development Entrepreneurship development- its meaning and schemes Government and self-employment schemes for Entrepreneurship development UNIT - II - Cottage Industry Cottage Industry- its meaning, its role in development process Marketing of cottage products and outlets
2	Rural Resource Mobilization
	UNIT - I - Rural resource mobilization- A case study of eco-village, eco-tourism, agro-tourism UNIT - II - Micro financing with special reference to self-help groups
3	Ideal village & stake of GOS and NGO
	UNIT - I - Ideal village Ideal village- the concept Gandhian Concept of Ideal village Case studies on Ideal village UNIT - II - Government Organisations(GOs) and Non-Government Organisations (NGOs) The concept and functioning
4	Institutional Social Responsibility and modes of Awareness
	UNIT - I - Institutional Social Responsibilities Concept and functioning- case study of adapted village 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.

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2B. Skill Enhancement Courses (SEC)

Foundation Course in 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 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 <ul style="list-style-type: none"> • Fire Services & Fire fighting • Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc. Social Awareness and Community Development: 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. <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 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. <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 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. <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 Desired outcome: The student shall have basic knowledge of weapons and their use and handling. <ul style="list-style-type: none"> • The lying position, Holding and Aiming- I • Trigger control and firing a shot • Range procedure and safety precautions • Theory of Group and Snap Shooting • 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"> • 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 style="text-align: center;">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;">OR</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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2B. Skill Enhancement Courses (SEC)

Foundation Course in Physical Education - III

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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3. Core Courses (CC)

Security Analysis and Portfolio Management – II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Fundamental Analysis	15
2	Technical Analysis	15
3	Efficient Market Theory	15
4	Capital Asset Pricing Model	15
Total		60

Sr. No.	Modules / Units
1	Fundamental Analysis
	<p>A) Economy Analysis- Introduction, Meaning, Framework of Economic Analysis, Forecasting, Barometric or Indicator Approach, Econometric Model Building and Opportunistic Model Building.</p> <p>B) Industry Analysis- Concept of Analysis, Industry Life Cycle, Industry Characteristics</p> <p>C) Company Analysis- Financial Statements, Analysis of Financial Statements and Assessment of risk (Leverages)</p>
2	Technical Analysis
	<p>A) Dow Theory</p> <p>B) Meaning and Principles of Technical Analysis, Price Chart, Line Chart, Bar Chart, Japanese Candlestick Chart, Trends and Trend Reversals, Chart Patterns, Support and Resistance, Reversal Patterns, Continuation Patterns and Elliot Wave Theory</p> <p>C) Mathematical Indicators – Calculation of Moving Averages (Simple and Exponential Moving Average), Oscillators and Relative Strength Index</p> <p>D) Market Indicators</p> <p>E) Fundamental Analysis V/s Technical Analysis</p>
3	Efficient Market Theory
	<p>A) Random Walk Theory</p> <p>B) The Efficient Market Hypothesis</p> <p>C) Forms of Market Efficiency</p> <p>D) Competitive Market Hypothesis</p>
4	Capital Asset Pricing Model
	<p>A) CAPM – Fundamental Notions of Portfolio Theory, Assumption of CAPM, Efficient Frontier with Riskless Lending and Borrowing, Capital Market Line, Security Market Line and Pricing of Securities with CAPM.</p> <p>B) Arbitrage Pricing Theory (APT) – The Return Generating Model, Factors Affecting Stock Return, Expected Return on Stock, APT V/s CAPM.</p>

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3. Core Courses (CC)

Business Economics II- Macroeconomics

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Macroeconomic Data and Theory	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		60

Sr. No.	Modules / Units
1	Introduction to Macroeconomic Data and Theory
	<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 - Social security contributions- 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 - 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. <p>Foreign Exchange and foreign exchange market : Spot and Forward rate of Exchange - Hedging, Speculation and Arbitrage -Fixed and Flexible exchange rates-Managed flexibility</p>

Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester III
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Reference Books

Reference Books
Financial Management – I
<ul style="list-style-type: none"> • <i>Financial Management : I MPandey, Vikas Publishing House.</i> • <i>Financial Management : M.Y.Khan, P.K.Jain, Tata McGraw Hill.</i> • <i>Financial Management : Ravi M Kishore, Taxman</i> • <i>Financial Management : James C Van Horne, Prentice Hall</i> • <i>Financial Management : Prassana Chandra, Prentice Hall.</i> • <i>Financial Management : Chandra Haribariran Iyer: IBHL Publication.</i>
Cost and Management Accounting
<ul style="list-style-type: none"> • <i>Dr. Girish Jakhotiya- Strategic Financial Management</i> • <i>Lall, B.M. and Jain, I.C. – Cost Accounting: Principles and Practice, Prentice Hall, Delhi</i> • <i>Welsch, Glenn A., Ronald W. Hilton and Paul N. Gordan – Budgeting, Profit and Control, Prentice Hall, Del</i> • <i>John K Shank & Vijay Govindaraja, Strategic Cost Management - The new tool for Competitive Advantage, Free Press</i> • <i>Cost Accounting-Principles and Practice; Arora M.N: Vikas, New Delhi.</i> • <i>Cost Accounting; Jain S.P. and Narang K.L: Kalyani New Delhi.</i>
Fundamentals of Capital Market
<ul style="list-style-type: none"> • <i>E. Gordon & K. Natarajan: Capital Market in India; Himalaya Publishing House,</i> • <i>Sanjeev Aggarwal : Guide to Indian Capital Market; Bharat Law House</i> • <i>V.L. Iyer : SEBI Practice Manual; Taxman Allied Service (P) Ltd.,</i> • <i>M.Y. Khan: Indian Financial Systems; Tata McGraw Hill</i>
Financial Services
<ul style="list-style-type: none"> • <i>IM Pandey Financial Management, Vikas Publishing House Ltd.</i> • <i>Khan M.Y , Financial Services, Mc Graw Hill Education.</i> • <i>Dr.S.Gurusamy, Financial Services, Vijay Nicole Imprints.</i>
Marketing of Investment Products
<ul style="list-style-type: none"> • <i>Marketing: Moving from Traditional to Digital – Philip Kotler, Hermawan Kartajaya, and Iwan Setiawan</i> • <i>Principal of Marketing- Philip Kotler and Garg Armstrong</i> • <i>Marketing – Michael Etzel and Bruce Walker</i>
Information Technology in Investment Management - I
<ul style="list-style-type: none"> • <i>E- Commerce, By Marriappa M</i> • <i>“Frontiers of Electronic Commerce”-By Kalakota Ravi and A. B. Whinston</i> • <i>Management Information System-by WamanJawadekar—3rd Edition, TMH publications</i> • <i>Enterprise Resource Planning - Text and Cases– by Rajesh Ray- TMH publications</i> •

- Joseph, P.T., *E-Commerce: An Indian Perspective*, Prentice Hall of India, New Delhi, 2009.
- *Connected CRM*-by David Williams-Wiley Publishers
- *Microsoft Office Professional 2013-Step by step*- By Beth Melton, Mark Dodge, Echo Swinford, Andrew Couch

Foundation Course – III (Overview of Investment Management)

- Francis J.C Investments- *Analysis and Management* Mc Graw Hill New York.
- Reilly Frank K and Keith Brown *Investment Analysis and Portfolio Management*
- *Management and Organizational Behavior*, Ninth Edition, by Laurie J. Mullins, Pearson publisher
- *Risk Management* : M/s Macmillan India Limited

Foundation Course in NSS III

- *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 Sankalpna* - 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/>
- <http://en.wikipedia.org/wiki/national-service-scheme> 19=<http://nss.nic.in/admininstruct>
- <http://nss.nic.in/propexpan>
- <http://nss.nic.in>
- <http://socialworknss.org/about.html>

Foundation Course in NCC - III

- *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*, Radhakrishnan 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
- *Yoga Illustrated*, New Delhi, Ministry of Information and Broadcasting, 1995
- *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

Foundation Course in Physical Education - III

- Lippian Cott Williams and Wilkins 2006.
- American College of Sports Medicine, ACSM's, *Guidelines for Exercise Testing and Prscription.* (2013) Ninth Edition, Lippian Cott Williams and Wilkins.
- American College of Sports Medicine, ACSM's *Resource Manual for Guidelines for Exercise Testing and Prscription.* (2006) 5th Ed., Lippian Cott Williams and Wilkins, 2006.
- Beashel, P., & Taylor, J. (1996). *Advance Studies in Physical Education and Sports.* U.K.: Thomas Nelson and Sons Ltd.
- Bucher, C.A. (1995). *Foundation of Physical Education (12th Ed.)* USA : St. Louis,
- C.V. Mosloy.
- Colfter, G.R., Hamilton, K.E., Magill R.A., & Hamilton B.J. (1986). *Contemporary Physical Education.* USA : Wim C. Brown Publisher.
- Daryl S. (1994). *Introduction to physical education, fitness and sports (2nd ed.)*. London: Mayfield publishing company.

- Dheer, S.D.(1991). *Introduction to Health Education*. New Delhi : Friends Publication.
- Dr. A.K.Uppal& Dr. G. P. Gautam (2004). *Physical education and Health*. Delhi: Friends publisher.
- Dr. Gharote M. L; *Teaching Methods for Yogic Practices*. – 2nd Ed., Kaivalyadham Samiti, Lonavala-2001.
- Dr. Gharote M. L; *Guideline for Yogic Practices* – 2nd Ed., The Lonavala Yoga Institute (India), Lonavala- 2007
- Greenberg, Dintiman, Oakes. (2004). *Physical Fitness & wellness*.(3rd ed.) IL:Human kinetics.
- Halfield, F.C. (2001). *Fitness : The Complete Guide*. USA : International Sports Science Association.
- Jackson, A.L., Morrow, J.R. (2004). *Physical activity for health & fitness*. IL:Human kinetics.
- 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.
- Lock Hurt and others – *Anatomy of the human body*, Feber & Feber Oxford University, 1975
- Muller, J. P.(2000). *Health, Exercise and Fitness*. Delhi : Sports.
- Murgesh N. – *Anatomy, Physiology and Health Education*, Sathya, Chinnalapatti, 1990.
- 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, *Yoga for Health and Peace*.- 6th Ed., Yoga Vidya Niketan, Mumbai., 2004.
- Pate R.R. & Hohn R.C. (1994). *Health Fitness Through Physical Education*. USA : Human Kinetics.
- 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.

Security Analysis and Portfolio Management – I

- Blake, David 1992, *Financial Market Analysis* , Mc Graw Hill London
- Francis J.C *Investments- Analysis and Management* Mc Graw Hill New York.
- Pistolesse Clifford *Using Technical Analysis* Vision Books
- Reilly Frank K and Keith Brown *Investment Analysis and Portfolio Management*.

Mutual Fund Management

- *Future scenario of Financial services* : R.Gordan & Natarajan (Himalaya)
- *Marketing of Financial services* : V. K. Avadhani (Himalaya)
- *MF, Data, Interpretation & analysis* : K.G. Shahadevan & Thripairaju (Prentice hall of India)
- *Mutual funds in India (Modern scenario)*: Dr. Manoj Dave & Mr. Lalitkumar Chauhan, (Paradise Publishers)
- *Mutual Funds & Financial Management* : Ramesh Garg (Yking books)
- *Mutual Fund products & services* : Indian institute for Banking & Finance (Taxmann)

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Reference Books

Reference Books
Financial Management - I
<ul style="list-style-type: none"> Financial Management : I MPandey, Vikas Publishing House. Financial Management : M.Y.Khan, P.K.Jain, Tata McGraw Hill. Financial Management : Ravi M Kishore, Taxman Financial Management : James C Van Horne, Prentice Hall Financial Management : Prassana Chandra, Prentice Hall. Financial Management : Chandra Haribariran Iyer: IBHL Publication
Direct Taxation
<ul style="list-style-type: none"> Taxmann's Direct Taxes Law & Practice – Dr Vinod Singhania & Dr Kapil Singhania Direct Taxes Law & Practice – Dr Girish Ahuja & Dr Ravi Gupta
Fundamentals of Equity Market
<ul style="list-style-type: none"> E. Gordon & K. Natarajan: Capital Market in India; Himalaya Publishing House, Sanjeev Aggarwal : Guide to Indian Capital Market; Bharat Law House V.L. Iyer : SEBI Practice Manual; Taxman Allied Service (P) Ltd., M.Y. Khan: Indian Financial Systems; Tata McGraw Hill
Financial Derivatives
<ul style="list-style-type: none"> Futures, options & other derivatives by John C. Hull & Basu Derivatives market by Robert McDonald, Pearson education Fundamentals of futures & options by John Hull Option trading – bull market strategies by K.Sasidharan & Alex K. Mathews, McGraw Hill publication
Introduction to Equity Research
<ul style="list-style-type: none"> James Valentine - Practices for Equity Research Analysts: Essentials for Buy-Side and Sell-Side Analysts Gillian Elock - How to Get an Equity Research Analyst Job: A Guide to Starting a Career in Asset Management Denis Bouyssou and Thierry Marchant - Evaluation and Decision Models with Multiple Criteria: Stepping stones for the analyst (International Series in Operations Research & Management Science) McKinsey & Company Inc., Tim Koller - Valuation: Measuring and Managing the Value of Companies (Wiley Finance) Hardcover – 4 Sep 2015
Information Technology in Investment Management - II
<ul style="list-style-type: none"> An Overview of Cyber Crime & security-Volume 1-1st Edition --By Akash Kamal Mishra R. G. Saha, E-Business, HPH Handbook of Information Security, Threats, Vulnerabilities, Prevention Volume 3---By Hossein Bidgoli Microsoft Office Professional 2013-Step by step --By Beth Melton, Mark Dodge, Echo Swinford, Andrew Couch Cyber law: the Indian perspective---By Pavan Duggal -Saakshar Law Publications
Foundation Course – IV (An Overview of Banking & Insurance)
<ul style="list-style-type: none"> Banking Law and Practice – M.L Tannan Microfinance Perspective and Operations – IIBF, 2016. Rural Banking Operations – IIBF, 2017 Edition Towards Financial Inclusion in India – K.G Karmakar, G.D Banerjee, N.P Mohanpatra

Foundation Course in NSS IV

- *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 Sankalpna - 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/>
- <http://en.wikipedia.org/wiki/national-service-scheme> 19=<http://nss.nic.in/admininstruct>
- <http://nss.nic.in/propexpan>
- <http://nss.nic.in>
- <http://socialworknss.org/about.html>

Foundation Course in NCC - IV

- *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, Radhakrishnan 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
- *Yoga Illustrated*, New Delhi, Ministry of Information and Broadcasting, 1995
- *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

Foundation Course in Physical Education - IV

- Lippian Cott Williams and Wilkins 2006.
- *American College of Sports Medicine, ACSM's, Guidelines for Exercise Testing and Prescription. (2013) Ninth Edition*, Lippian Cott Williams and Wilkins.
- *American College of Sports Medicine, ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription. (2006) 5th Ed.*, Lippian Cott Williams and Wilkins, 2006.
- Beashel, P., & Taylor, J. (1996). *Advance Studies in Physical Education and Sports*. U.K.: Thomas Nelson and Sons Ltd.
- Bucher, C.A. (1995). *Foundation of Physical Education (12th Ed.)* USA : St. Louis,
- C.V. Mosloy.
- Colfter, G.R., Hamilton, K.E., Magill R.A., & Hamilton B.J. (1986). *Contemporary Physical Education*. USA : Wim C. Brown Publisher.
- Daryl S. (1994). *Introduction to physical education, fitness and sports (2nd ed.)*. London: Mayfield publishing company.
- Dheer, S.D.(1991). *Introduction to Health Education*. New Delhi : Friends Publication.
- Dr. A.K.Uppal & Dr. G. P. Gautam (2004). *Physical education and Health*. Delhi: Friends publisher.
- Dr. Gharote M. L; *Teaching Methods for Yogic Practices. – 2nd Ed.*, Kaivalyadham Samiti, Lonavala- 2001.
- Dr. Gharote M. L; *Guideline for Yogic Practices – 2nd Ed.*, The Lonavala Yoga Institute (India), Lonavala- 2007
- Greenberg, Dintiman, Oakes. (2004). *Physical Fitness & wellness.(3rd ed.)* IL:Human kinetics.
- Halfield, F.C. (2001). *Fitness : The Complete Guide*. USA : International Sports Science Association.
- Jackson, A.L., Morrow, J.R. (2004). *Physical activity for health & fitness*. IL:Human kinetics.
- 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.

- Lock Hurt and others – Anatomy of the human body, Feber & Feber Oxford University, 1975
- Muller, J. P.(2000). Health, Exercise and Fitness. Delhi : Sports.
- Murgesh N. – Anatomy, Physiology and Health Education, Sathya, Chinnalapatti, 1990.
- 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, Yoga for Health and Peace.- 6th Ed., Yoga Vidya Niketan, Mumbai., 2004.
- Pate R.R. & Hohn R.C. (1994). Health Fitness Through Physical Education. USA : Human Kinetics.
- 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.

Security Analysis and Portfolio Management - II

- Blake, David 1992, Financial Market Analysis , Mc Graw Hill London
- Francis J.C Investments- Analysis and Management Mc Graw Hill New York.
- Pistoless Clifford Using Technical Analysis Vision Books
- Reilly Frank K and Keith Brown Investment Analysis and Portfolio Management.

Business Economics- II

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

Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester III and IV
with effect from the Academic Year 2017-2018

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 (½ Mark each)	05 Marks
	Answer in One or Two Lines (Concept based Questions) (01 Mark each)	05 Marks
	Answer in Brief (Attempt Any Two of the Three) (05 Marks each)	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

No. UG/19 of 2018-19

CIRCULAR:-

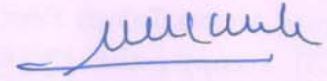
Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty is invited to this office Circular No.UG/108 of 2016-17, dated 25th October, 2016 relating to syllabus of Bachelor of Commerce (B.Com.) degree course.

They are informed that the recommendations made by the I/c Dean, Faculty of Commerce & Management in Banking and Finance at its meeting held on 28th February, 2018 have been accepted by the Academic Council at its meeting held on 5th May, 2018 vide item No. 4.46 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Com. (Investment Management) (Sem. V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI – 400 032

14th June, 2018

To



(Dr. Dinesh Kamble)
I/c REGISTRAR

The Principals of the affiliated Colleges and Directors of the recognized Institutions in Commerce & Management Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

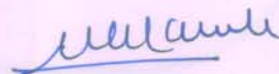
A.C./4.46/05/05/2018

No. UG/19 -A of 2018

MUMBAI-400 032 14th June, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Commerce & Management,
- 2) The Director, Board of Examinations and Evaluation,
- 3) The Director, Board of Students Development,
- 4) The Professor-cum-Director, Institute of Distance and Open Learning (IDOL),
- 5) The Co-Ordinator, University Computerization Centre,



(Dr. Dinesh Kamble)
I/c REGISTRAR

University of Mumbai



**Revised Syllabus
and
Question Paper Pattern
of Courses of
B.Com. (Investment Management)
Programme at
Third Year
*Semester V and VI***

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

***(To be implemented from Academic Year 2018-2019)
Board of Studies-in-Banking & Finance***

B.Com. (Investment Management) Programme

Under Choice Based Credit, Grading and Semester System

T.Y.B.Com. (Investment Management)

(To be implemented from Academic Year 2018-2019)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
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	Core Course (CC)		2	Core Course (CC)	
5	International Finance - I	04	5	International Finance - II	04
3	Ability Enhancement Course(AEC)		3	Ability Enhancement Course(AEC)	
6	Research Methodology	04	6	Project Work	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 04 credits each. A project work may be undertaken in any area of Elective Courses/ Study Area

*List of Elective Courses for Semester V (Any Four)		**List of Elective Courses for Semester VI (Any Four)	
01	Operations in Equity Market	01	Commodity Markets and Derivatives
02	Corporate Accounting	02	Auditing
03	Business Ethics	03	Corporate Governance
04	Risk Management	04	Project Management
05	Behavioural Finance	05	Venture Capital
06	Merchant Banking - I	06	Merchant Banking - II
Note: Course selected in Semester V will continue in Semester VI			

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

(To be implemented from Academic Year 2018-2019)

Semester V

No. of Courses	Semester V	Credits
1	<i>Elective Courses (EC)</i>	
1,2,3 & 4	*Any four courses from the following list of the courses	12
2	<i>Core Courses (CC)</i>	
5	International Finance - I	04
3	<i>Ability Enhancement Course(AEC)</i>	
6	Research Methodology	04
Total Credits		20

<i>*List of Elective Courses for Semester V (Any Four)</i>	
01	Operations in Equity Market
02	Corporate Accounting
03	Business Ethics
04	Risk Management
05	Behavioural Finance
06	Merchant Banking - I

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

1. Operations in Equity Market

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	An Overview of Indian Equity Market	15
02	Primary and Secondary Markets	15
03	Valuation of Equities	15
04	Trading Systems and Strategies	15
Total		60

Sr. No.	Modules / Units
1	An Overview of the Indian Equity Market
	Meaning and definition of Equity Shares - Growth of Corporate Sector and simultaneous growth in number of equity shareholders-Separation of Ownership and Management in the Company- Development of Equity Culture in India and Current Position. Security Market- An overview, Market Terminology and Investment Procedure in Primary and Secondary Market.
2	Primary and Secondary Markets
	Primary Market -IPO- Methods Followed - Book building- offer for sale- Role of Merchant Bankers in Fixing the Price - Red Herring Prospectus- ASBA - Green Shoe Option- Sweat Equity- ESOP- Right Issue of Shares- ADR- GDR- IDR Secondary Market - Definition and Functions - Evolution and Growth - NSE- BSE- SME Exchanges and overseas Stock Exchanges - Recent developments- Merger of SEBI with FOMC - Stock market indices.
3	Valuation of Equities
	Factors affecting Share Prices – Balance Sheet Valuation- Dividend Discount Model- Price Earning Model- Fundamental Analysis - Macroeconomic Factors- Market Related Factors Role of Brokers- stock market quotations- procedure for buying and selling- BOLT online trading- NEAT - Clearing and settlement - Order matching.
4	Trading Systems and Strategies
	Trading System in Stock Exchange: Introduction, NEAT & BOLT, Screen Based Trading System (SBTS), Market Phases, Order Management, Trade Management, Market Window Operations and Auction. Trading Strategies: Long v/s Short and Brief Introduction to Hedging, Daily Settlement and Market Margins.

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

2. Corporate Accounting

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Introduction to Corporate Accounting	15
02	Valuation of Shares	15
03	Company Final Accounts	20
04	Investment Accounting	10
Total		60

Sr. No.	Modules / Units
1	Introduction to Corporate Accounting
	Meaning of Company, Requirement of Accounting for Companies, Procedures of Accounting for Companies, Importance of Corporate Accounting, Use of Accounting Standards in Corporate Accounting, Issue of Shares, Issue of Debentures, Issue of Bonds, Recent Trends in Corporate Accounting.
2	Valuation of Shares
	Meaning of Shares, Types of Shares, Shares as a means of Investment, Importance of Shares, Valuation of Shares in case of Merger and Acquisition of Shares, Intrinsic value of Shares, Yield value of Shares, Fair Value of Shares
3	Company Final Accounts
	<p>Relevant provisions of Companies Act related to Preparation of Final Accounts (excluding cash flow statement)</p> <p>Preparation of Financial Statements as per Companies Act. (excluding cash flow statement)</p> <p>AS 1 in relation to Final Accounts of Companies (disclosure of accounting policies)</p> <p>Adjustment for –</p> <ol style="list-style-type: none"> 1. Closing Stock 2. Depreciation 3. Outstanding expenses and income 4. Prepaid expenses and Pre received income 5. Proposed Dividend and Unclaimed Dividend 6. Provision for Tax and Advance Tax 7. Bill of exchange (Endorsement, Honour, Dishonour) 8. Capital Expenditure included in Revenue expenditure and vice versa eg- purchase of furniture included in purchases 9. Unrecorded Sales and Purchases 10. Good sold on sale or return basis 11. Managerial remuneration on Net Profit before tax 12. Transfer to Reserves 13. Bad debt and Provision for bad debts 14. Calls in Arrears 15. Loss by fire (Partly and fully insured goods) 16. Goods distributed as free samples. 17. Any other adjustments as per the prevailing accounting standard.
4	Investment Accounting
	<p>For Shares (variable income bearing securities)</p> <p>For Debentures/Preference Shares (fixed income bearing securities)</p> <p>Accounting for Transactions of Purchase and Sale of Investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage).</p> <p>Columnar Format for Investment Account.</p>

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

3. Business Ethics

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Introduction to Business Ethics	15
02	Application of Ethical Theories in Business	10
03	Organizational Ethics	10
04	Ethics and Social Responsibility	15
05	Business Ethics in Global Economy.	10
Total		60

Sr. No.	Modules / Units
1	Introduction to Business Ethics
	Definition, Meaning, Nature of Ethics, Meaning of Moral & Ethics. Types of Ethics, Importance of Ethics, Business Ethics -Meaning and Nature. Importance of Ethics in Business, Areas of Business Ethics, Meaning of Functional Ethics, Types of Ethics According to Functions of Business- Marketing Ethics, Foreign Trade Ethics and Ethics Relating to Copyright. Ethics relating to Free and Perfect Competitive Market.
2	Application of Ethical Theories in Business
	Ethical Decision Making: Decision Making (Normal Dilemmas And Problems): (I) Utilitarianism (J. Bentham And J.S. Mill), (ii) Deontology (I. Kant) Virtue Ethics (Aristotle). Gandhain Approach In Management And Trusteeship, Importance And Relevance of Trusteeship Principle in Modern Business. Ethical Issues in Functional Areas of Business. Ethics in Advertising (Truth In Advertising). Ethical Issues in Finance,
3	Organizational Ethics
	Individual Ethics- Professional Ethics. Corporate Ethics- Ethical Behavior - Ten Commandments of Ethical Behavior, Control & Audit of Ethical Behavior. Finance: Fairness and Efficiency in Financial Market, Insider Trading, Green Mail, Golden Parachute. HR: Workers Rights and Duties: Work place Safeties, Sexual harassment, Whistle Blowing.
4	Ethics and Social Responsibility
	Meaning & Definition of CSR, History & Evolution of CSR. Concept of Charity, Corporate Philanthropy, Ethics Relating to Environment Protection, Ethics Relating to Consumer Protection- Social Responsibility & Business Ethics Arguments for and against Social Responsibility. CSR through Triple Bottom Line and Sustainable Business, -Relation Between Corporate Responsibility & Business Ethics.
5	Business Ethics in Global Economy
	Ethics in the context of Global Economy- Relationship between Business Ethics & Business Development- Role of Business Ethics in Building a Civilized Society.

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

4. Risk Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Foundations of Risk Management	15
02	Capital Market Risk Management	15
03	Credit Market Risk Management	15
04	Risk Measurement	15
Total		60

Sr. No.	Modules / Units
1	Foundations of Risk Management
	<ul style="list-style-type: none"> • Basic Risk Types • The Role of Risk Management • Enterprise Risk Management (ERM) • History of Financial Disasters and Risk Management Failures • 2007 Financial Crisis
2	Capital Market Risk Management
	<ul style="list-style-type: none"> • Equity, Currencies & Commodities Markets in India • Introduction to Derivatives • Forward, Future and Option Contracts • Hedging through Derivatives Contract • Fixed-income Securities • Fixed-income Risk management through Derivatives • Rating Agencies
3	Credit Market Risk Management
	<ul style="list-style-type: none"> • Introduction, • Information required for Evaluation of Credit Risk, • Procedure for Credit Risk Management, • Credit Lifecycle, • Loan Review Mechanism, • RBI guidelines on Credit Rating Framework in Banks, • Introduction of Basel Norms and Calculation of Capital Adequacy Ratio
4	Risk Measurement
	<ul style="list-style-type: none"> • Estimation of volatilities and correlations (application to volatility term structures) Monte Carlo simulations (application to interest rate forecasting) • Linear Value-at-Risk (application to market, credit and operational risk) • Option valuation • Risk-adjusted Return on Capital (RAROC) & beta calculation • Risk management of Derivatives (application to convertible risk) • Interest Rates and Measures of Interest Rate Sensitivity

***Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019***

1. Elective Courses (EC)

4. Behavioural Finance

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Behavioural Factors and Financial Markets	15
02	External Factors and Investor Behaviour	15
03	Behavioural Corporate Finance	15
04	Emotions and Decision	15
Total		60

Sr. No.	Modules / Units
1	Behavioural Factors and Financial Markets
	The Efficient Markets Hypothesis – Fundamental Information and Financial Markets - Information available for Market Participants and Market Efficiency - Market Predictability –The Concept of limits of Arbitrage Model - Asset Management and Behavioural Factors - Active Portfolio Management: Return Statistics and Sources of Systematic Underperformance. - Fundamental Information, Technical Analysis, and Behavioural Factors
2	External Factors and Investor Behaviour
	Weather, Emotions, and Financial Markets: Sunshine, Geomagnetic Activity - Mechanisms of the External Factor influence on Risk Perception and Attitudes - Connection to Human Psychophysiology and Emotional Regulation- Misattribution as a mechanism for external factors influence. Statistical methodology for capturing the effects of external influence onto stock market returns - Emotional content of news articles and their correlation with market dynamics - Social trends and market dynamics: music, fashion, demographics - Active portfolio management – the source of the systematic underperformance. Fundamental information and technical analysis – the case for psychological influence.
3	Behavioural Corporate Finance
	Behavioural factors and Corporate Decisions on Capital Structure and Dividend Policy - Capital Structure dependence on Market Timing - Timing of Good and Bad Corporate News Announcement - Mergers and Acquisitions and the Winner's Curse - M&A waves and market timing - IPO under pricing - Systematic excessive optimism and Over confidence in managers' decisions. Company Name and its Market value - Sunk costs and mental accounting. Evolutionary explanations for behavioural effects - Evidence from behavioural game theory - Systematic approach to using behavioural factors in corporate decision making
4	Emotions and Decision
	Experimental measurement of risk-related - Measuring Risk - Emotional mechanisms in modulating risk-taking attitude - Neurophysiology of risktaking. Personality traits and risk attitudes in different domains - Evolutionary prospective and emotions. Proximal and ultimate mechanisms framework – Making decisions with “play” and real money - Modulating altruistic behaviour by utilizing the essentials of the specific proximal mechanisms - Emotions and rationality - Antonio Damasio and somatic markers

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

6. Merchant Banking - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Merchant Banking	15
02	Capital Funds	15
03	Issue Management Process	15
04	Issue Management & Due Diligence	15
Total		60

Sr. No.	Modules / Units
1	Merchant Banking
	<p>Merchant Banking and Financial Services: Introduction, Concept of Merchant Banking, Financial system in India and Development of Merchant Banks and Regulations in India.</p> <p>Underwriting and Brokerage - Different roles played by Underwriters and Brokers in Issue Management and their responsibilities.</p>
2	Capital Funds
	<p>Raising Capital from International Markets - Needs of Indian companies for raising Funds from Foreign Markets, Usage of Euro issue, Evaluation of various types of Depository Receipts - American Depository Receipts, Global Depository Receipts, FCCBs and FCEBs.</p>
3	Issue Management Process
	<p>The process of issue management and merchant banker's role in it, The appointment of SEBI registered intermediaries and other intermediaries, The process of filing of offer document by the issuer with SEBI and the ROC with the help of the lead Merchant Banker, List of the documents to be submitted before opening of the issue, Copy of agreement between the Issuer and Merchant Banker, Certificate of compliance stating compliance of conditions, Due diligence certificate while registering DRHP/ Red Herring Prospectus/ prospectus with the ROC/ final post issue report, The type of In-Principle Approval from recognized stock exchanges for initial public issues as well as in the case for rights and further public offerings, the allotment, refund and payment of interest.</p>
4	Issue Management & Due Diligence
	<p>The general obligations of Intermediaries with respect to Public Issues and Rights Issue, The pricing in preferential issue, The pricing and restrictions on allotment of Qualified Institutional Placement, The pre-issue advertisement for rights issue, Utilization of funds raised through rights issue and the manner of disclosures in the offer document, The procedure for Institutional Placement Programme w.r.t Offer Document Pricing and Allocation/Allotment Restrictions, Minimum number of allottees, Restrictions on size of the offer, Period of subscription and display of demand, Transferability of eligible securities, The procedure for issue of Indian Depository Receipts (IDRs) w.r.t Eligibility Conditions for issue of IDR, Minimum Subscription Filing of Draft Prospectus, Due diligence Certificate, Payment of Fees and Issue of advertisements for IDR, Post Issue Reports, Undersubscribed Issue Finalisation of basis of allotment, The importance of due diligence, The role of external parties in the due diligence process and List of due diligence documents.</p>

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

2. Core Course (CC)

1. International Finance - I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Global Financial Environment	15
02	International Money and Equity Markets	15
03	Euro Currency Markets and International Bond Market	15
04	Obstacles to International Investment	15
Total		60

Sr. No.	Modules / Units
1	Global Financial Environment
	Introduction to International Finance- The Challenge of International Finance- The Finance Function in Global Context-Global Financial Markets-Cost of Capital-Financial Structure-Intra company Transfers-Capital Budgeting(only theoretical overview)-International Financial Management and Imperfections in Financial Markets- Growing International Integration- Diversification Benefits of Global Investment- International Mergers and Acquisitions- Definition and Classification- Why do Firms Engage in Cross Border Mergers and Acquisitions-Changes in Policy and Regulatory Environment- Trends and Characteristics of Cross-Border M&As
2	International Money and Equity Markets
	Introduction and Role of the International Money Market-Selected Instruments of International Money Market>Returns on the Money Market Instruments Major stocks markets of the world-Emerging stock markets-International Equity Trading – Multiple Listing-International Equity Markets Credit Rating Agencies and Their Role-Depository Receipts- GDR-Characteristics-Mechanism of Issue-Participants involved-ADR- Types and Characteristics-concept of IDR
3	Euro Currency Markets and International Bond Market
	Introduction to Eurocurrency Markets-Reasons for Growth of Eurocurrency Markets-Euro Dollar Markets- Operations of Euro Markets-Functions of Euromarkets International bond market- Participants- Risk Associated with Investing in Bond Markets -Domestic Bond-Foreign Bonds-Euro Currency Bond-Types of euro currency bonds- Issue Procedure of Euro Currency Bonds-Foreign Currency Convertible and Foreign Currency Exchangeable Bonds- Participatory notes
4	Obstacles to International Investment
	Information Barriers-Foreign Exchange Risk-Political Risks -Market Risks-Taxation- Other Regulatory Barriers

***Revised Syllabus of Courses of B.Com. (Banking and Insurance)
Programme at Semester V
with effect from the Academic Year 2018-2019***

3. Ability Enhancement Course (AEC)

1. Research Methodology

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Research	10
2	Data Collection and Processing	15
3	Data Analysis and Interpretation	15
4	Advanced Statistical Techniques	15
5	Research Report	05
Total		60

Sr. No.	Modules / Units
1	Introduction to Research
	<ul style="list-style-type: none"> Meaning, Objectives and Importance of Research Types of Research Research Process. Characteristics of Good Research Hypothesis-Meaning, Nature, Significance, Types and Sources. Research Design– Meaning, Definition, Need and Importance, Steps, Scope and Essentials of a Good Research Design. Sampling– a) Meaning of Sample and Sampling, b) Methods of Sampling <ul style="list-style-type: none"> i) Non-Probability Sampling– Convenient, Judgment, Quota, Snow ball ii) Probability– Simple Random, Stratified, Cluster, Multi Stage.
2	Data Collection and Processing
	<ul style="list-style-type: none"> Types of Data and Sources-Primary and Secondary Data Sources Methods of Collection of Primary Data <ul style="list-style-type: none"> a. Observation- i)structured and unstructured, ii) disguised and undisguised, iii)mechanical observations (use of gadgets) b. Experimental i)Field ii) Laboratory c. Interview – i) Personal Interview ii) focused group, iii) in- depth interviews Method d. Survey– Telephonic survey, Mail, E-mail, Internet survey, Social media, and Media listening. e. Survey instrument– i) Questionnaire designing. <ul style="list-style-type: none"> a. Types of questions–i) structured/close ended and ii) unstructured/ open ended, iii) Dichotomous, iv) Multiple Choice Questions. b. Scaling techniques-i) Likert scale, ii) Semantic Differential scale.
3	Data Analysis and Interpretation
	<ul style="list-style-type: none"> Processing of Data– Meaning & Essentials of i) Editing ii) Coding iii) Tabulation Analysis of Data-Meaning, Purpose, Types. Interpretation of Data-Essentials, Importance, Significance and Descriptive Analysis Testing of hypothesis– One Sample T- Test, ANOVA, F- test, Chi Square and Paired Sample Test
4	Advanced Statistical Techniques
	Introduction, Characteristics and Application of <ul style="list-style-type: none"> Correlation and Regression Analysis Factor Analysis Cluster Analysis Discriminant Analysis Multidimensional Scaling
5	Research Report
	<ul style="list-style-type: none"> Report writing – i) Meaning, Importance, Structure, Types, Process and Essentials of a Good Report.

Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

Reference Books

Reference Books
Elective Courses (EC)
1. Operations in Equity Market
<ul style="list-style-type: none"> Financial Market and Services – E.Gordon and K.Natarajan- Himalaya Publishing House Financial Market and Financial Securities in India- Benson Kunjukunju and S.Mohanan – New Country Publication Indian Financial System- Evolution & Present Structure-Nitin Bhasin-New country Publication Financial Market Operations- B.L.Mathur-Wide Vision Capital Market Management- V.A.Avdhani –Himalaya Publishing House Capital Market and Financial Services- Anil Agashe –EverstPublishng House
2. Corporate Accounting
<ul style="list-style-type: none"> Ashish K. Bhattacharyya – “Financial Accounting for Business Managers”, Prentice Hall of India Pvt. Ltd. Shashi K. Gupta – “Contemporary Issues in Accounting”, Kalyani Publishers. R. Narayanaswamy – “Financial Accounting”, Prentice Hall of India, New Delhi Ashok Sehgal – “Fundamentals of Financial Accounting”, Taxmann’s Publishers Financial Accounting Reporting – Barry Elliot and Jamie Elliot – Prentice Hall (14th Edition)
3. Business Ethics
<ul style="list-style-type: none"> Business Ethics, Crane& Matten The Management and ethics omnibus- Chakraborty, Its only Business,Mitra, Values and Ethics for Organizations, Chakraborty, OUP/OIP Perspectives in Business Ethics, Hartman, Chatterjee
4. Risk Management
<ul style="list-style-type: none"> Quantitative Risk Management : A Practical Guide to Financial Risk- Thomas S. Coleman Investment Theory and Risk Management: Steve Peterson Risk Management : M/s Macmillan India Limited Theory & Practice of Treasury Risk Management: M/s Taxman Publications Ltd. Corporate Value of ERM : Sim Segal Risk Management : Insurance and Derivatives Dr G Kotreshwar-Himalaya Publishing House
5. Behavioural Finance
<ul style="list-style-type: none"> Behavioral Finance: Psychology, Decision-Making, and Markets", by Ackert and Deaves. Understanding Behavioral Finance by Ackert The Psychology of Investing by John R. Nofsinger, Pearson Prentice Hall, (4th Edition) What Investors Really Want - Learn the lessons of behavioral Finance, McGraw-Hill Handbook of Behavioral Finance – Brian R. Bruce Behavioral finance - Wiley Finance - Joachim Goldberg, Rüdiger von Nitzsch Plous, Scott, 1993, The Psychology of Judgment and Decision Making, Ch 10-15 Shleifer, Andrei, 2000, Are Financial Markets Efficient, Chapter 1 in Inefficient Markets, Oxford University Press.

Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

Reference Books

Reference Books
<ul style="list-style-type: none"> Ackert, L., and R. Deaves, 2010, <i>Behavioral Finance: Psychology, Decision-Making and Markets</i>, South-Western Cengage Learning, Mason, Ohio. Nofsinger, J. R., 2001, <i>Investment Madness</i>, Prentice Hall. Mitchell, O. S., and S. P. Utkus, eds., 2004. <i>Pension Design and Structure: New Lessons from Behavioral Finance</i> (Oxford University Press, New York, New York). Shleifer, Andrei (2000): <i>Inefficient Markets: An Introduction to Behavioral Finance</i>, Oxford University Press, Oxford.
6. Merchant Banking - I
<ul style="list-style-type: none"> <i>Merchant Banking and Financial Services – Dr. S Guruswamy Fourth Edition, Delhi Publishing House.</i> <i>Merchant Banking Principles & Practices – H. R Machiraju New Age International Ltd</i> <i>Merchant Banking – NISM 2015 Edition</i>
Core Course (CC)
1. International Finance - I
<ul style="list-style-type: none"> <i>Apte P.G. International Finance – A Business Perspective, New Delhi, TATA McGraw Hill , McGraw Hill Education; 2 edition .</i> <i>Bhalla .V.K. international Financial Management- S.Chand Publishing.</i> <i>International Financial Management, Thummuluri Siddaiah, Pearson Education India, 2009.</i>
Ability Enhancement Course (AEC)
2. Research Methodology
<ul style="list-style-type: none"> <i>Exploratory and Confirmatory Factor Analysis- Understanding Concepts and Applications(2004) – Bruce Thompson First Edition</i> <i>Interpreting Economic and Social Data – A Foundation of Descriptive Statistics (2009) - Othmar W. Winkler - Springer</i> <i>Regression Modelling Strategies (2015) – Frank E Harrell, Jr Springer Series in Statistics</i> <i>Research Methodology (2014) – Deepak Chawla and Neena Sondhi, Vikas Publishing House.</i>

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

(To be implemented from Academic Year 2018-2019)

Semester VI

No. of Courses	Semester VI	Credits
1	<i>Elective Courses (EC)</i>	
1,2,3 & 4	**Any four courses from the following list of the courses	12
2	<i>Core Courses (CC)</i>	
5	International Finance - II	04
3	<i>Ability enhancement Course</i>	
6	Project Work	04
Total Credits		20

<i>**List of Elective Courses for Semester VI (Any Four)</i>	
01	Commodity Markets and Derivatives
02	Auditing
03	Corporate Governance
04	Project Management
05	Venture Capital
06	Merchant Banking - II

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018- 2019

1. Elective Courses (EC)

1. Commodity Markets and Derivatives

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Introduction to Commodity Markets	15
02	Commodity Exchanges	15
03	Commodity Derivatives	15
04	Pricing and Trading in Commodity Derivatives	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Commodity Market
	Emergence of Commodity Market -Dynamics of Global Commodity Markets. Commodity Market in India- Commodity Exchanges in India-Role of Information in Commodity Markets-Linkages between Equity Markets and Commodity Markets - Commodity Markets - Logistics and Warehousing.
2	Commodity Exchanges
	Function & Role-Trading & Clearing Methods -Commodity Futures -Commodity Specific Exchanges Vs Multi Commodity Exchanges- Strengthening Commodity Markets in India- Role of Government - Role of Commodity Exchanges - Other Institutions -Training & development of Dealers. Regulatory Framework: Forward Market Commission- Rules Governing Commodity Derivatives Exchange, Rules Governing Intermediaries, Investor Grievances, Arbitration Rules.-Essential commodities Act- VAT-Forward Contract Regulation Act.
3	Commodity 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.
4	Pricing and Trading in 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 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.

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

2. Auditing

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Introduction to Auditing	15
02	Audit Planning, Procedures and Documentation	15
03	Auditing Techniques and Internal Audit Introduction	15
04	New Areas of Auditing and Professional Ethics	15
Total		60

Sr. No.	Modules / Units
1	Introduction to Auditing
	<p>Basics – Financial Statements, Users of Information, Definition of Auditing, Objectives of Auditing – Primary and Secondary, Expression of opinion, Detection of Frauds and Errors, Inherent limitations of Audit. Difference between Accounting and Auditing, Investigation and Auditing.</p> <p>Errors & Frauds – Definitions, Reasons and Circumstances, Types of Error – Commission, Omission, Compensating error. Types of frauds, Risk of fraud and Error in Audit, Auditors Duties and Responsibilities in case of fraud.</p> <p>Principles of Audit – Integrity, Objectivity, Independence, Skills, Competence, Work performed by others, Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting.</p> <p>Types of Audit – Meaning, Advantages, Disadvantages of Balance sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit and Annual Audit.</p>
2	Audit Planning, Procedures and Documentation
	<p>Audit Planning – Meaning, Objectives, Factors to be considered, Sources of obtaining information, Discussion with Client, Overall Audit Approach.</p> <p>Audit Program – Meaning, Factors, Advantages and Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before commencing Work, Overall Audit Approach.</p> <p>Audit Working Papers - Meaning, importance, Factors determining Form and Contents, Main Functions / Importance, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of Other Parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books</p> <p>Audit Notebook – Meaning, Structure, Contents, General Information, Current Information, Importance.</p>
3	Auditing Techniques and Internal Audit Introduction
	<p>Test Check - Test Checking Vs Routing Checking, Test Check meaning, features, factors to be considered, when Test Checks can be used, advantages disadvantages precautions.</p> <p>Audit Sampling - Audit Sampling, Meaning, Purpose, Factors in determining Sample Size -Sampling Risk, Tolerable Error and Expected Error, Methods of Selecting, Sample Items, Evaluation of Sample Results, Auditors Liability in Conducting Audit Based on Sample</p> <p>Internal Control - Meaning and Purpose, Review of Internal Control, Advantages, Auditors Duties, Review of Internal Control, Inherent Limitations of Internal Control, internal Control Samples for Sales and Debtors, Purchases and Creditors, Wages and Salaries. Internal Checks Vs Internal Control, Internal Checks Vs Test Checks</p> <p>Internal Audit - Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit, Internal Audit Vs External Audit,, Internal Checks Vs Internal Audit</p>

Sr. No.	Modules / Units
4	New Areas of Auditing and Professional Ethics
	<p>New Areas of Auditing Introduction to Cost Audit, Human Resource Audit, Management Audit, Operational Audit, Forecast Audit, Social Audit, Tax Audit, Forensic Audit and Environmental (Green) Audit, Audit Committee. Audit in an EDP Environment- Introduction, General Approach to EDP based Audit and Special Techniques for Auditing in an EDP Environment.</p> <p>Professional Ethics and Misconduct Introduction, Meaning of Professional Ethics Meaning of Professional Misconduct, Schedules to the Chartered Accountants Act, 1949 Relating to Professional Misconduct, Enquiry into Charges of Misconduct of Chartered Accountants.</p>

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

3. Corporate Governance

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Introduction to Corporate Governance	15
02	Genesis of Corporate Governance in India	10
03	Evolution of Corporate Governance	10
04	Implementation of Corporate Governance	15
05	Corporate Governance and Issues Related to Scams	10
Total		60

Sr. No.	Modules / Units
1	Introduction to Corporate Governance
	Definition & Conceptual Framework of Corporate Governance, Business Ethics - an important dimension to Corporate Governance, Fair and Unfair Business Practices. Theoretical Basis of Corporate Governance, Mechanism- Corporate Governance Systems, Indian Model of Governance, Good Corporate Governance, Obligations Towards Society and Stake holders. Theories underlying Corporate Governance (Stake holder's theory and Stewardship theory, Agency theory, Separation of Ownership and Control, Corporate Governance Mechanism: Process, Indian Model, OECD, and Emphasis on Corporate Governance, (Transparency Accountability and Empowerment).
2	Genesis of Corporate Governance in India
	Introduction, Principles – Arthashastra and Good Governance in Ancient India, Protection of Interest of Customer and Investors, Historical Perspective of Corporate Governance and Issues in Corporate Governance. Values: Meaning, Types, Teaching from Scriptures Like Gita, Quran, Bible value systems in Business.
3	Evolution of Corporate Governance
	The Cadbury Committee-Code of best principles –Indian Experience of Corporate Governance – The C II Code- SEBI initiative ,The Kumar Mangalam Birla Committee Report, Corporate Governance in Globalized Economy – MNCs/TNCs and Business Ethics. Relationship between Business Ethics-Corporate Governance and Ethical Leadership; Kohlberg's Six Stages of Moral Development
4	Implementation of Corporate Governance
	Role of Board of Directors and Board Structure, Role of the Non- executive Director, Role of Auditors, SEBI Growth of Corporate Governance. Role of Government, Corporate Governance in India. Accounting Standards and Accounting disclosures. Finance Reporting and Corporate Governance, Non Accounting Regulations in Corporate Governance, Corporate Governance & CSR, Family Owned BusinessBackground, family businesses in India , Need for Professionalization and Transparency in Family Business.
5	Corporate Governance and Issues Related to Scams
	Corruption: Meaning, Causes, Effects. Frauds and scams in Banks, Insurance Companies, Financial Institutions, Measures to Overcome Fraud and Corruption Zero Tolerance of Corruption. MRTP Act and MRTP commission. Competition Act, Ethical Approach in IPR with respect to Designs, Patents and copyrights, Ethics and IT. Case study, future of corporate Governance.

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester V
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

4. Project Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Basics of Project Management	15
02	Project Selection and Evaluation	15
03	Project Management Techniques	15
04	Project Quality Management	15
Total		60

Sr. No.	Modules / Units
1	Basics of Project Management
	Introduction, Need for Project Management, Project Management Knowledge Areas and Processes, The Project Life Cycle, The Project Manager (PM), Phases of Project Management Life Cycle, Project Management Processes, Impact of Delays in Project Completions, Essentials of Project Management Philosophy, Project Management Principles.
2	Project Selection and Evaluation
	Project Identification and Selection: Introduction, Project Identification Process, Project Initiation, Pre-Feasibility Study, Feasibility Studies, Project Break-even point. Project Planning: Introduction, Project Planning, Need of Project Planning, Project Life Cycle, Roles, Responsibility and Team Work, Project Planning Process, Work Breakdown Structure (WBS). Organisational Structure and Organisational Issues: Introduction, Concept of Organisational Structure, Roles and Responsibilities of Project Leader, Relationship between Project Manager and Line Manager, Leadership Styles for Project Managers, Conflict Resolution, Team Management and Diversity Management, Change Management.
3	Project Management Techniques
	PERT and CPM: Introduction, Development of Project Network, Time Estimation, Determination of the Critical Path, PERT Model, Measures of Variability, CPM Model, Network Cost System. Resources Considerations in Projects: Introduction, Resource Allocation, Scheduling, Project Cost Estimate and Budgets, Cost Forecasts Project Risk Management: Introduction, Risk, Risk Management, Role of Risk Management in Overall Project Management, Steps in Risk Management, Risk Identification, Risk Analysis, Reducing Risks.
4	Project Quality Management
	Project Quality Management and Value Engineering: Introduction, Quality, Quality Concepts, Value Engineering Project Management Information System: Introduction, Project Management Information System (PMIS), Planning of PMIS, Design of PMIS. Project Management Software: Introduction, Advantages of Using Project Management Software, Common Features Available in Most of the Project Management Software.

***Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019***

1. Elective Courses (EC)

5. Venture Capital

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Conceptual Understanding of Venture Capital and Private Equity	15
02	Structure and Valuation Approaches	15
03	Strategies of Private Equity	15
04	Exit strategies for Private Equity	15
Total		60

Sr. No.	Modules / Units
1	Conceptual Understanding of Venture Capital and Private Equity
	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 Funds and Private Equity Firms- Investment Feature and Consideration
2	Structure and Valuation Approaches
	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 Investments- • Other Strategies: Real Estates; Infrastructure; Energy & Power ; Merchant Banking; Funds of Fund <p>Due Diligence- Procedure and Challenges- Due Diligence in Emerging PE Market-Investing in Developing Market- Past Performance and Strategy</p>
4	Exit strategies for Private Equity
	<p>Modes of exits in Indian Context and Challenges involved-</p> <ul style="list-style-type: none"> • IPO- • Buyback • Sale to Other PE funds • Sale to other Strategic Investors • Stake Swap- • M & A's • Open Market- Secondary Market

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

1. Elective Courses (EC)

6. Merchant Banking - II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Factoring	15
02	Securitization	15
03	Mergers, Acquisitions & Takeovers	15
04	Disinvestment and Buyback of Equity Shares	15
Total		60

Sr. No.	Modules / Units
1	Factoring
	Factoring: Concept, Nature and Scope of Factoring, Forms of Factoring , Factoring vis-à-vis Bills Discounting , Factoring vis-à-vis Credit Insurance, Factoring vis-à-vis Forfeiting, Evaluation of a factor , Evaluation of factoring, Status of Factoring in India.
2	Securitization
	Securitization / Mortgages: Meaning, Nature and Scope of Securitization, Securitization as a Funding Mechanism, Securitization of Residential Real Estate and Mortgages -Features, Types and Provisions. Security Brokerage: Meaning of Brokerage, Types of Brokers, Difference between Broker and Jobber, SEBI Regulations relating to brokerage business in India.
3	Mergers, Acquisitions & Takeovers
	Difference between Mergers, Acquisitions and Takeover, The Role of Merchant Banker in M&A and Takeovers, SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 2011 w.r.t Substantial acquisition of shares or voting rights, Voluntary Offer- Offer Size, Offer Price, Payment Mode, Exemptions and Process of Open Offer.
4	Disinvestment and Buyback of Equity Shares
	The Role of Merchant Banker in Disinvestment Process, Role and Obligations of Merchant Banker in Buyback of Equity Shares, Role of Merchant Banker in Delisting of Shares, Role of Merchant Banker in Issue and Listing of Debt Securities and The Role of Merchant Banker in ESOP.

Revised Syllabus of Courses of B.Com. (Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

2. Core Course (CC)

1. International Finance - II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
01	Fundamentals of International Finance	15
02	Foreign Exchange Markets	15
03	Currency Futures	15
04	Currency Options and Swaps	15
Total		60

Sr. No.	Modules / Units
1	Fundamentals of International Finance
	<p>Meaning and Scope of International Finance-Balance of Payment- Components- Deficit in Balance of Payment-Concept of Currency Convertibility</p> <p>International Monetary System- Gold Standard-Features-Bretton Wood System- Background and Features-Reasons for its Failure-Smithsonian Agreement-SDRs- European Monetary system</p> <p>Current Exchange Rate Systems – Fixed and Flexible Exchange rate- Merits Demerits- Types of Fixed Exchange Rate- Hard Pegs and Soft Pegs- Types of Flexible Exchange Rate- Managed and Free Float.</p>
2	Foreign Exchange Markets
	<p>Introduction- Market and Market Participants- Structure of Forex Markets-The Mechanics of Currency Trading-Types of Transactions and Settlement Dates- Exchange Rate Quotations and Arbitrage(Geographical, Triangular and Interest Rate)- Short Date and Broken Date Forward Contracts- Borrowing and Investment Decisions-Determinants of Exchange Rate – Purchasing Power and Interest rate Parity</p> <p>Foreign Exchange Management in India- Retail and Whole Sale Component of Indian Foreign Exchange Market- Role of FEDAI- FEMA and Regulatory framework-Dealing Room Operations</p>
3	Currency Futures
	<p>Introduction: Currency Futures-Future Contract-Futures Forward Contract-Currency Futures Quotes-How to Read Currency Futures Quotes-Market Operations-Clearing House and Clearing Margins- Hedging with Currency Futures and Contracts</p>
4	Currency Options and Swaps
	<p>Introduction-Options-Market Structure-Currency Option Quotes-Currency Option Pricing-Fischer Black's Option Pricing Model-Currency Call Options-Currency Put Options-Hedging Currency Positions with Foreign Currency Options</p>

**Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019**

Reference Books

Reference Books
Elective Courses (EC)
1. Commodity Markets and Derivatives
<ul style="list-style-type: none"> 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. o Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India
2. Auditing
<ul style="list-style-type: none"> CA Surbhi Bansal – Audit and Assurance Taxmann – Auditing Dr.SMeenakumari – Fundamentals of Auditing BaldevSachdeva&Jagwant Singh Pardeep Kumar – Auditing theory & Practice. Woolf, Emile,Auditing Today Basu, Sanjib Kumar, Fundamentals of Auditing, Pearson
3. Corporate Governance
<ul style="list-style-type: none"> A. C. Fernando, Corporate Governance Principles, Policies and Practices;Pearson Marc Goeren, International Corporate Governance; Black Wells. Cristian A. Mallin, Corporate Governance
4. Project Management
<ul style="list-style-type: none"> Project Management – Marion Haynes Crisp 9th Edition 5 phase Project Management – Joesph Weiss and Robert Wysocki Software Project Management – Mike Cotterel and Bob Hughes Introduction to Project Management and Quality Assurance – Darrel Ince, Mc Graw Hill
5. Venture Capital
<ul style="list-style-type: none"> 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

Revised Syllabus of Courses of B.Com.(Investment Management)
Programme at Semester VI
with effect from the Academic Year 2018-2019

Reference Books

Reference Books
6. Merchant Banking - II
<ul style="list-style-type: none">• <i>Merchant Banking and Financial Services – Dr. S Guruswamy Fourth Edition, Delhi Publishing House.</i>• <i>Merchant Banking Principles & Practices – H. R Machiraju New Age International Ltd</i>• <i>Merchant Banking – NISM 2015 Edition</i>
Core Course (CC)
1. International Finance - II
<ul style="list-style-type: none">• <i>Apte P.G. International Finance – A Business Perspective, New Delhi, TATA McGraw Hill , McGraw Hill Education; 2 edition .</i>• <i>Bhalla .V.K. international Financial Management- S.Chand Publishing.</i>• <i>International Financial Management, Thummuluri Siddaiah, Pearson Education India, 2009.</i>

University of Mumbai



**B.Com. (Investment Management)
Programme
Guidelines for Project Work
at
Third Year
Semester VI**

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

(To be implemented from Academic Year 2018-2019)

Board of Studies-in-Banking and Finance

Introduction

Inclusion of project work in the course curriculum of the B.Com. (Investment Management) programme is one of the ambitious aspects in the programme structure. The main objective of inclusion of project work is to inculcate the element of research analyse and scientific temperament challenging the potential of learner as regards to his/ her eager to enquire and ability to interpret particular aspect of the study. It is expected that the guiding teacher should undertake the counselling sessions and make the awareness among the learners about the methodology of formulation, preparation and evaluation pattern of the project work.

- There are two modes of preparation of project work
 1. Project work based on research methodology in the study area
 2. Project work based on internship in the study area

Guidelines for preparation of Project Work

1. General guidelines for preparation of project work based on Research Methodology

- The project topic may be undertaken in any area of Elective Courses.
- Each of the learner has to undertake a Project individually under the supervision of a teacher-guide.
- The learner shall decide the topic and title which should be specific, clear and with definite scope in consultation with the teacher-guide concerned.
- University/college shall allot a guiding teacher for guidance to the students based on her / his specialization.
- The project report shall be prepared as per the broad guidelines given below:
 - Font type: Times New Roman
 - Font size: 12-For content, 14-for Title
 - Line Space : 1.5-for content and 1-for in table work
 - Paper Size: A4
 - Margin : in Left-1.5, Up-Down-Right-1
 - The Project Report shall be bounded.
 - The project report should be 80 to 100 pages

Format

1st page (Main Page)

Title of the problem of the Project

**A Project Submitted to
University of Mumbai for partial completion of the degree of
Bachelor in Commerce (Investment Management)
Under the Faculty of Commerce**

By

Name of the Learner

Under the Guidance of

Name of the Guiding Teacher

Name and address of the College

Month and Year

2nd Page

This page to be repeated on 2nd page (i.e. inside after main page)

On separate page

Index

Chapter No. 1	Title of the Chapter	Page No.
(sub point 1.1, 1.1.1, And so on)		

Chapter No. 2	Title of the Chapter
---------------	----------------------

Chapter No. 3	Title of the Chapter
---------------	----------------------

Chapter No. 4	Title of the Chapter
---------------	----------------------

Chapter No. 5	Title of the Chapter
---------------	----------------------

List of tables, if any, with page numbers.

List of Graphs, if any, with page numbers.

List of Appendix, if any, with page numbers.

Abbreviations used:

Structure to be followed to maintain the uniformity in formulation and presentation of Project Work

(Model Structure of the Project Work)

- **Chapter No. 1: Introduction**

In this chapter Selection and relevance of the problem, historical background of the problem, brief profile of the study area, definition/s of related aspects, characteristics, different concepts pertaining to the problem etc can be incorporated by the learner.

- **Chapter No. 2: Research Methodology**

This chapter will include Objectives, Hypothesis, Scope of the study, limitations of the study, significance of the study, Selection of the problem, Sample size, Data collection, Tabulation of data, Techniques and tools to be used, etc can be incorporated by the learner.

- **Chapter No. 3: Literature Review**

This chapter will provide information about studies done on the respective issue. This would specify how the study undertaken is relevant and contribute for value addition in information/ knowledge/ application of study area which ultimately helps the learner to undertake further study on same issue.

- **Chapter No. 4: Data Analysis, Interpretation and Presentation**

This chapter is the core part of the study. The analysis pertaining to collected data will be done by the learner. The application of selected tools or techniques will be used to arrive at findings. In this, table of information's, presentation of graphs etc. can be provided with interpretation by the learner.

- **Chapter No. 5: Conclusions and Suggestions**

In this chapter of project work, findings of work will be covered and suggestion will be enlisted to validate the objectives and hypotheses.

Note: If required more chapters of data analysis can be added.

- **Bibliography**
- **Appendix**

On separate page

Name and address of the college

Certificate

This is to certify that Ms/Mr _____ has worked and duly completed her/his Project Work for the degree of Bachelor in Commerce (Investment Management) under the Faculty of Commerce in the subject of _____ and her/his project is entitled, “ _____ *Title of the Project* _____ ” under my supervision.

I further certify that the entire work has been done by the learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University.

It is her/ his own work and facts reported by her/his personal findings and investigations.



Name and Signature of
Guiding Teacher

Date of submission:

On separate page

Declaration by learner

I the undersigned Miss / Mr. _____ *Name of the learner* _____ here by,
declare that the work embodied in this project work titled “ _____
_____ *Title of the Project* _____ ”,
forms my own contribution to the research work carried out under the guidance of
_____ *Name of the guiding teacher* _____ is a result of my own research work and has
not been previously submitted to any other University for any other Degree/ Diploma
to this or any other University.

Wherever reference has been made to previous works of others, it has been clearly
indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained and
presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by

Name and signature of the Guiding Teacher

Acknowledgment

(Model structure of the acknowledgement)

To list who all have helped me is difficult because they are so numerous and the depth is so enormous.

I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

I take this opportunity to thank the **University of Mumbai** for giving me chance to do this project.

I would like to thank my **Principal**, _____ for providing the necessary facilities required for completion of this project.

I take this opportunity to thank our **Coordinator** _____, for her moral support and guidance.

I would also like to express my sincere gratitude towards my project guide _____ whose guidance and care made the project successful.

I would like to thank my **College Library**, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank each and every person who directly or indirectly helped me in the completion of the project especially **my Parents and Peers** who supported me throughout my project.

2. Guidelines for Internship based project work

- Minimum 20 days/ 100 hours of Internship with an Organisation/ NGO/ Charitable Organisation/ Private firm.
- The theme of the internship should be based on any study area of the elective courses
- Experience Certificate is Mandatory
- A project report has to be brief in content and must include the following aspects:
 - **Executive Summary:**
A bird's eye view of your entire presentation has to be precisely offered under this category.
 - **Introduction on the Company:**
A Concise representation of company/ organization defining its scope, products/ services and its SWOT analysis.
 - **Statement and Objectives:**
The mission and vision of the organization need to be stated enshrining its broad strategies.
 - **Your Role in the Organisation during the internship:**
The key aspects handled, the department under which you were deployed and brief summary report duly acknowledged by the reporting head.
 - **Challenges:**
The challenges confronted while churning out theoretical knowledge into practical world.
 - **Conclusion:**
A brief overview of your experience and suggestions to bridge the gap between theory and practice.
- The project report based on internship shall be prepared as per the broad guidelines given below:
 - Font type: Times New Roman
 - Font size: 12-For content, 14-for Title
 - Line Space : 1.5-for content and 1-for in table work
 - Paper Size: A4
 - Margin : in Left-1.5, Up-Down-Right-1
 - The Project Report shall be bounded.
 - The project report should be of minimum 50 pages

Evaluation pattern of the project work

The Project Report shall be evaluated in two stages viz.	
• Evaluation of Project Report (Bound Copy)	60 Marks
▪ Introduction and other areas covered	20 Marks
▪ Research Methodology, Presentation, Analysis and interpretation of data	30 Marks
▪ Conclusion & Recommendations	10 Marks
• Conduct of Viva-voce	40 Marks
▪ In the course of Viva-voce, the questions may be asked such as importance / relevance of the study, objective of the study, methodology of the study/ mode of Enquiry (question responses)	10 Marks
▪ Ability to explain the analysis, findings, concluding observations, recommendation, limitations of the Study	20 Marks
▪ Overall Impression (including Communication Skill)	10 Marks

Note:

- *The guiding teacher along with the external evaluator appointed by the University/ College for the evaluation of project shall conduct the viva-voce examination as per the evaluation pattern*

Passing Standard

- Minimum of Grade E in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.

**Revised Syllabus of Courses of B.Com. (Investment Management) Programme
at Semester V and VI
with effect from the Academic Year 2018-2019**

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 (½ Mark each)	05 Marks
	Answer in One or Two Lines (Concept based Questions) (01 Mark each)	05 Marks
	Answer in Brief (Attempt Any Two of the Three) (05 Marks each)	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

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 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 10/5 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 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.