



# S. S. T. College of Arts and Commerce



Syllabus for F. Y. B. C. B. I. (Bachelors of Commerce in Banking and Insurance)

Program: Bachelor of Commerce

(Semester based Credit and Grading system)

- https://www.youtube.com/sstcollege
- f https://www.facebook.com/sstcollegeofficial/
- https://www.instagram.com/sstcollegeofficial/
- http://sstcollege.edu.in/

#### UNIVERSITY OF MUMBAI No. UG/12 of 2016-17

#### CIRCULAR:-

A reference is invited to the Syllabi relating to the B.Com. (Banking Insurance) degree course vide this office Circular No. UG/144 of 2011 dated 14th June,2011 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. 4.74 and that in accordance therewith, the revised syllabus as per Choice Based Credit System for B.Com (Banking and Insurance) (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 2.7 hOctober, 2016

REGISTRAR

To.

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

#### A.C/4.74 /24/06/2016

No. UG//21-A of 2016-17 MUMBAI-400 032 2.7 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. (Banking & Insurance) 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.** (Banking & Insurance) Programme

## Under Choice Based Credit, Grading and Semester System Course Structure

F.Y.B.Com. (Banking & Insurance)

(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	Environment and Management of Financial Services.	03	1	Principles and Practices of Banking & Insurance	03
2	Principles of Management	03	2	Business Law	03
3	Financial Accounting - I	03	3	Financial Accounting - II	03
2	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 (SE	EC)	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	Organisational Behaviour	03
7	Quantitative Methods-I	03	7	Quantitative Methods-II	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	Note: Course selected in Semester I will continue in Semester II			

#### S.Y.B.Com. (Banking & Insurance)

#### (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 (A	AEC)	2	Ability Enhancement Courses (	AEC)
4	Information Technology in Banking & Insurance-I	02	4	Information Technology in Banking & Insurance-II	02
3	Core Courses (CC)		3	Core Courses (CC)	
5	Laws Governing Banking & Insurance	03	5	Corporate Laws & laws Governing Capital Market	03
6	Financial Market (Equity, Debt, Forex and Derivatives)	03	6	Universal Banking	03
7	Taxation of Financial Services	03	7	Business Economics-II	03
	Total Credits	20		Total Credits	20

*List of Discipline Related Elective(DRE) Courses for Semester III (Any Three)		*List of Discipline Related Elective(DRE) Courses for Semester IV (Any Three)	
1	Financial Management -I	1	Financial Management –II
2	Management Accounting (Tools & Techniques, Focus on Banking & Insurance)	2	Financial Market (Equity, Debt, Forex and Derivatives)
3	Organizational Behaviour	3	Wealth Management
4	Risk Management	4	Cost Accounting of Banking & Insurance
5	Mutual Fund Management	5	Entrepreneurship Management

#### T.Y.B.Com. (Banking & Insurance)

(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 Courses (CC)		2	Core Courses (CC)	
5	International Banking & Finance	04	5	Central Banking	04
3	*Project Work		3	*Project Work	
6	Project Work-I (Banking)	04	6	Project Work-II (Insurance)	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)	
1	Marketing in Banking & Insurance	1	Security Analysis and Portfolio Management
2	Financial Reporting & Analysis(Corporate Banking & Insurance)	2	Strategic Management
3	Auditing	3	Human Resource Management in Banking & Insurance
4	Business Ethics & Corporate Governance	4	Turnaround Management
5	Financial Services Management	5	International Resource Management in Banking & Insurance
6	Actuarial Analysis in Banking & Insurance	6	Procedures & Documentations in Banking & Insurance

## University of Mumbai



Revised Syllabus
and
Question Paper Pattern
of Courses
of
B.Com. (Banking & Insurance)
Programme
at
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.** (Banking & Insurance) Programme at

## Under Choice Based Credit, Grading and Semester System Course Structure

F.Y.B.Com. (Banking & Insurance)

(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	Environment and Management of Financial Services.	03	1	Principles and Practices of Banking & Insurance	03
2	Principles of Management	03	2	Business Law	03
3	Financial Accounting -I	03	3	Financial Accounting -II	03
2	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 (SE	<b>C</b> )	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	3 Core Courses (CC)		3	Core Courses (CC)	
6	Business Economics-I	03	6	Organizational Behaviour	03
7	Quantitative Methods-I	03	7	Quantitative Methods-II	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	Note: Course selected in Semester I will continue in Semester II		

#### **B.Com.** (Banking & Insurance) 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	
1	Elective Courses (EC)	
1	Environment and Management of Financial Services.	03
2	Principles of Management	03
3	Financial Accounting-I	03
2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication-I	03
2B	*Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02
3	Core Courses (CC)	
6	Business Economics-I	03
7	Quantitative Methods-I	03
	Total Credits	20

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

#### **Elective Courses (EC)**

## 1. Environment and Management of Financial Services

Sr. No.	Modules	No. of Lectures
1	Introduction to Financial System	15
2	Phases of Development of Banking and Insurance	15
3	Management, Regulation and Development	15
4	Regulatory and Developmental Framework of Banking & Insurance	15
	Total	60

Sr. No.	Modules / Units
1	Introduction to Financial System
	Financial System
	<ul> <li>Institutional set- up</li> </ul>
	<ul> <li>Marketing Structure</li> </ul>
	<ul><li>Instruments</li></ul>
	<ul> <li>Overview of different kinds of financial services. (e.g Leasing, Hire purchase,</li> </ul>
	factoring, forfaiting, Bill financing/Bill discounting, housing finance, letter of
	credit, insurance, venture capital, merchant banking, stock broking and credit
	rating.)
	Meaning, Definition and scope of Banking and Insurance.
2	Phases of Development of Banking and Insurance
	• Significance and Role of Banking and Insurance in mobilizing savings, investment,
	accumulation and economic growth.
	Functions and working of banking and insurance companies
3	Management, Regulation and Development
	Risk management within the organizations of Banks and Insurance companies
	Asset - Liability Management in Banking and Insurance
	Organisational structure and management
4	Regulatory and Developmental Framework of Banking & Insurance
	Banking companies and RBI Acts and legal framework governing the insurance.
	Developmental Activities of RBI and IRDA
	Mechanism of supervision and regulation.
	Prudential Norms.

**Elective Courses (EC)** 

#### 2. Principles of Management

Sr. No.	Modules	No. of Lectures
1	Introduction to Management	15
2	Management Process	15
3	Organization Structure of Banking and Insurance companies	15
4	Business Leaders	15
	Total	60

Sr. No.	Modules / Units	
1	Introduction to Management	
	Definition of Management	
	Management as a Profession	
	Traditional Vs Contemporary Management (Henry Fayol, F.W. Taylor, Peter Drucker)	
	(C.K.Pralhad, Mr. Vijay Govindarajan)	
2	Management Process	
	Management Process, Practices, Functions of Management related to Banking and	
	Insurance companies	
3	Organization Structure of Banking and Insurance companies	
4	Business Leaders	
	• Leaders in the Indian Industry ( J.R.D Tata, Ratan Tata, Aditya Birla, Kumar Mangalam	
	Birla, Mr Dhirubhai Ambani and Sons, Kiran Mazumdar Shaw, Verghese Kurien)	
	Leaders in the Banking and Insurance Industry	
	<ul><li>Indian Leaders</li></ul>	
	(Banking & Insurance: H.Shanbagh. Uday Kotak, K.V. Kamath Naina Kidwai,	
	Deepak Parekh, Chanda Kochhar, Hinduja, Godrej,Aziz Premzi, Narayan Murthy,	
	Anand Mahindra , Governor of RBI)	
	<ul> <li>International Leader</li> </ul>	
	President of World bank, President of Asian Development Bank, President of	
	Fed Reserve, President of International Monetary Fund	

**Elective Courses (EC)** 

#### 3. Financial Accounting

Sr. No.	Modules	No. of Lectures
1	Introduction to accounting	12
2	Classification of Income & Expenses & Accounting Standards	12
3	Issues of Shares, Stock Valuation & Hire purchase	20
4	Final Accounts	16
	Total	60

Sr. No.	Modules / Units	
1	Introduction to accounting	
	Meaning, scope, objectives, need, importance and limitations of accounting. Basic accounting terminology. Branches of accounting. Accounting concepts, Conventions and Principles. Double Entry System, Classifications of accounts, Rules of debit and credit. Writing of journal Entries and Ledger, Sub division of journal and Trial Balance	
2	Classification of Income & Expenses & Accounting Standards	
	Classifications of Income, Expenditure and Receipts on the basis of capital and revenue. Source documents required for practical accounting. Introduction to Bank Reconciliation Statement and Errors and their Rectification. Accounting Standard 1, 2, 6, 8, 9, 10. Understanding Fair value concept, Overview of Ind-AS vis-a-vis International Financial Reporting Standards (IFRSs).	
3	Issues of Shares, Stock Valuation & Hire purchase	
	Introduction to issue of shares. Stock valuation (FIFO and Weighted Average Method only) Hire Purchase Transactions (calculation of interest, accounting as per asset purchase method only, exclude repossession), Introduction to Depreciation: Fixed Installment method, Written Down Value Method, Change of method. Valuation of goodwill (problems based on average profit method and super profit method only)	
4	Final Accounts	
	Trading Account, Profit and Loss Account, Balance Sheet, Adjustment Entries. Introduction to Accounts of Non Profit Organizations	

**Ability Enhancement Courses (AEC)** 

#### 4. Business Communication - I

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		
	Commercial Terms used in Business Communication		
	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.]		
	Activities		
	<ul><li>Listening Comprehension</li></ul>		
	<ul><li>Remedial Teaching</li></ul>		
	<ul><li>Speaking Skills: Presenting a News Item, Dialogue and Speeches</li></ul>		
	<ul><li>Paragraph Writing: Preparation of the first draft, Revision and Self – Editing,</li></ul>		
	Rules of spelling.		
	<ul> <li>Reading Comprehension: Analysis of texts from the fields of Commerce and</li> </ul>		
	Management		

Skill Enhancement Courses (SEC)

#### 5. Foundation Course - I

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	

Skill Enhancement Courses (SEC)

#### 5. Foundation Course in NSS - I

Sr.	Modules	No. of
No.		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		
2			
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 socity		
	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		

Skill Enhancement Courses (SEC)

#### 5. Foundation Course in NCC - I

Sr. No.	Modules	No. of
NO.		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		
	<ul> <li>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.</li> <li>Genesis, Aims, Objectives of NCC &amp; NCC Song</li> <li>Organisation &amp; Training</li> <li>Incentives &amp; Benefits</li> <li>Religions, Culture, Traditions and Customs of India</li> <li>National Integration: Importance and Necessity</li> <li>Freedom Struggle</li> </ul>		
2	Drill: Foot Drill		
	<ul> <li>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.</li> <li>General and Words of Command</li> <li>Attention, Stand at Ease and Stand Easy, Turning and Inclining at the Halt</li> <li>Sizing, Forming Up in Three Ranks and Numbering, Open and Close Order March and Dressing</li> <li>Saluting at the Halt, Getting On Parade, Dismissing and Falling Out</li> <li>Marching, Length of Pace and Time of Marching in Quick Time and Halt, Slow March and Halt</li> <li>Turning on the March and Wheeling.</li> <li>Saluting on the March.</li> <li>Formation of squad and Squad Drill.</li> </ul>		
3	Adventure Training, Environment Awareness and Conservation		
	<ul> <li>Adventure Training</li> <li>Desired outcome: The students will overcome fear &amp; inculcate within them the sense of adventure , sportsmanship , espirit-d-corp and develop confidence , courage , determination, diligence and quest for excellence.</li> <li>Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc</li> <li>Environment Awareness and Conservation</li> <li>Desired outcome: The student will be aware of the conservation of natural resources and protection of environment.</li> <li>Natural Resources – Conservation and Management</li> <li>Water Conservation and Rainwater Harvesting</li> </ul>		

Sr. No.	Modules / Units		
4	Personality Development and Leadership		
	<ul> <li>Desired outcome: The student will develop an all-round personality with adequate leadership traits to deal / contribute effectively in life.</li> <li>Introduction to Personality Development</li> <li>Factors Influencing /Shaping Personality: Physical, Social, Physiological, Philosophical and Psychological</li> <li>Self Awareness Know yourself/ Insight</li> <li>Change Your Mind Set</li> <li>Communication Skills: Group Discussion / Lecturettes (Public Speaking)</li> <li>Leadership Traits</li> <li>Types of Leadership</li> </ul>		
5	Specialized Subject: Army Or Navy Or Air		
	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  A. Armed Force  Basic organisation of Armed Forces  Organisation of Army Badges and Ranks  Introduction to Infantry and weapons and equipments  Characteristics of 7.62mm SLR Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning  C. Military history Biographies of renowned Generals (Carriapa / Sam Manekshaw) Indian Army War Heroes- PVCs  D. Communication Types of Communications Characteristics of Wireless Technologies (Mobile, Wi-Fi etc.)		
	Navy		
	<ul> <li>A. Naval orientation and service subjects</li> <li>History of the Indian Navy-Pre and Post Independence, Gallantry award winners</li> <li>Organization of Navy- NHQ, Commands, Fleets, Ships and shore establishments</li> <li>Types of Warships and their role</li> <li>Organization of Army and Air Force- Operational and Training commands</li> <li>Ranks of Officers and Sailors, Equivalent Ranks in the Three Services</li> <li>B. Ship and Boat Modelling</li> </ul>		
	<ul><li>Principles of Ship Modelling</li><li>Maintenance and Care of tools</li></ul>		

Sr. No.	Modules / Units
	C. Search and Rescue
	SAR Organization in the Indian ocean
	D. Swimming
	Floating for three minutes and Free style swimming for 50 meters
	OR
	<u>AIR</u>
	A. General Service Knowledge
	Development of Aviation
	History of IAF
	B. Principles of Flight
	Introduction
	Laws of Motion
	Glossary of Terms.
	C. Airmanship
	Introduction
	Airfield Layout
	Rules of the Air
	Circuit Procedure
	ATC/RT Procedures
	Aviation Medicine
	D. Aero- Engines
	Introduction to Aero-engines

## Revised Syllabus of Courses of B.Com. (Banking & Insurance) Programme at Semester I

## with Effect from the Academic Year 2016-2017 Skill Enhancement Courses (SEC)

#### 5. Foundation Course in Physical Education - I

Sr.	Modules	No. of
No.		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	
	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	
	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	
	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	
	Effect of exercises on Musculoskeletal system	
	Effect of exercises on Circulatory System	
	Effect of exercises on Respiratory System	
	Effect of exercises on Glandular System	

#### Core Courses (CC)

#### 6. Business Economics I

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

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

#### Core Courses (CC)

#### 7. Quantitative Methods -I

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	08
4	Co-variance, Correlation and Regression	10
5	Probability, Probability Distribution and decision Theory	10
6	Index Nos.	06
7	Insurance	06
	Total	60

Sr. No.	Modules / Units		
1	Introduction, Organising, Data, Frequency Distribution, Data Representation		
	Organizing Data, Frequency Distribution, Measure of Central tendency, Org Data, preparation of frequency distribution graphical and diagrammatic representation histogram, frequency polygon and gives. Definition of averages and objective of averages types of average. Arithmetic mean, Geometric, harmonic mean and its usages, mode and medium (using graph also) for both) for grouped as well as ungrouped data		
2	Measures of Central Tendencies		
	Definition of Averages and objective of Averages Types of Averages. Arithmetic mean, Geometric Mean, Harmonic Mean and its advantages, Disadvantages and usages, mode, median, quartiles, deciles and percentiles for both grouped as well as ungrouped data.		
3	Measures of Dispersion		
	Concept and idea of dispersion. Various measures Range, quartile deviation, Mean Deviation, Standard Deviation and corresponding relative measure of dispersion. Geographical representation and utility of various is measure of Dispersions		
4	Co-variance, Correlation and Regression		
	Meaning, definition and Application of covariance, concept of correlation. Rank correlation, regression concept, relationship with correlation, Assumptions in simple Regression, Estimation using Simple Regression: Fitting of straight line, method of least square, construction of characteristic line/estimation line		
5	Probability, Probability Distribution and decision Theory		
	Concept of probability yen diagrams, Rules of Probality conditional & unconditional probality, Baye theorem. Discrete and continuous variable. Expected value of the variable, Decision theory normal distribution		
6	Index Nos.		
	Concept and usage of index nos. Construction of index nos. Types of index nos. Aggregate and Relative method of constructing index nos. Chain base index nos. Test of consistency: Time reversal factor reversal and circular test. Quantity and Value index nos for agricultural, industrial production, Retail Prices, Consumer price index nos. for security prices, etc.		
7	Insurance		
	Meaning, Objective, Purpose and need for Insurance. Fundamentals of Insurance Calculation of age, Premiums, Bonuses, Paid up value of a policy, Maturity Value of the Policy. Claim Calculation and Surrender Value.		

#### **B.Com.** (Banking & Insurance) 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	Elective Courses (EC)	
1	Principles and Practices of Banking & Insurance	03
2	Business Law	03
3	Financial Accounting -II	03
2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)	
4	Effective Communication-II	03
2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02
3	Core Courses (CC)	
6	Organisational Behaviour	03
7	Quantitative Methods-II	03
	Total Credits	20

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

**Elective Courses (EC)** 

#### 1. Principles and Practices of Banking & Insurance

Sr. No.	Modules	No. of Lectures
1	Introduction to Banking	15
2	Banking Scenario in India	15
3	Introduction to Insurance	15
4	Insurance Business Environment in India	15
	Total	60

Sr. No.	Modules / Units		
1	Introduction to Banking		
	Basic Concepts: Origin, Need, Types, Scope and Functions of Banking - Need for		
	Regulation and Supervision		
2	Banking Scenario in India		
	Banking Operations -Types of accounts - Banking Services - Current Scenario,		
	Financial Inclusion and Banking Regulations & Role of RBI.		
3	Introduction to Insurance		
	Understanding Risk - Kinds of business risks - Need and Scope of insurance -		
	Evolution of. insurance - Principles of insurance - Types of insurance and policies		
	Risk and Return relationship		
4	Insurance Business Environment in India		
	Growth of Insurance Business - Actuarial Role - Claim and Settlement Procedures -		
	Insurance Regulations Role of IRDA.		

#### Elective Courses (EC)

#### 2. Business Law

Sr. No.	Modules	No. of Lectures
1	Introduction to Law	08
2	Indian Constitution	10
3	Contract Act	12
4	Special Contract	12
5	Negotiable Instrument Act	10
6	Information Technology Act	08
	Total	60

Sr. No.	Modules / Units	
1	Introduction to Law	
	Meaning, Definitions, Features, Types, Sources and Classification	
2	Indian Constitution	
	Natural Justice, Special Leave Appeal, Features, Writs, Fundamental Rights	
3	Contract Act	
	Meaning, Essentials, Agreement, Offer, Acceptance, Consent, Free Consent, Consideration, Capacity of contract, Kinds and Classification of Contract, Performance, Discharge and Termination of Contract, Void - Quasi- Contingent - Wager - Minor Contracts, Breach and Remedies For the Contract.	
4	Special Contract	
	<ul> <li>Indemnity &amp; Guarantee - Meaning, Features, distinguish, position, Surety, discharge of surety</li> <li>Bailment: Meaning, Types, Features, Position, Lien, Finder of Goods Pledge</li> <li>Agency: Meaning, Features, types, Position, Ratification, Modes of Creation and Termination, Liabilities.</li> <li>Sale of Goods Act: Introduction, Meaning, Features, Terms, Goods Classification, Sale and Agreement to sell, Unpaid Seller and position Conditions and Warranty</li> </ul>	
5	Negotiable Instrument Act	
	Features, Promissory Notes, Bills of Exchange, Cheque, Features, Distinguish, Acceptance, Crossing, Dishonor, Position Of Banker, Holder and Holder In Due Course, Privilages, Payment In and Out of Due Course, Types of Instruments, Penalties For Dishonour, Endorsement	
6	Information Technology Act	
	Objectives, Scheme, Digital Signature, Authorization, E- Governance, Certifying Authorities, Digital Certificates, Cyber	

**Elective Courses (EC)** 

## 3. Financial Accounting - II

Sr. No.	Modules	No. of Lectures
1	Valuation of Goodwill and Shares	15
2	Buyback of equity shares	15
3	Redemption of preference shares	15
4	Redemption of debentures (excluding buy back of own debentures)	15
	Total	60

Sr. No.	Modules / Units	
1	Valuation of Goodwill and Shares	
	Valuation of Goodwill  Maintainable Profit method, Super Profit Method Capitalization method, Annuity Method  Valuation of Shares	
	Intrinsic Value Method, Yield method and Fair Value Method	
2	Buyback of equity shares	
	Company Law/ Legal Provisions (including related restrictions, power, transfer to capital redemption reserve account and prohibitions)  Compliance of conditions including sources, maximum limits and debt equity ratio	
3	Redemption of preference shares	
	Company Law / Legal Provisions for redemption of preference shares in Companies Act Sources of redemption including divisible profits and proceeds of fresh issue of shares Premium on redemption from security premium and profits of company Capital Redemption Reserve Account - creation and use	
4	Redemption of debentures	
	Redemption of debentures by payment from sources including out of capital and / or out of profits. Debenture redemption reserve and debenture redemption sinking fund excluding insurance policy. Redemption of debentures by conversion into new class of shares or debentures with options- including at par, premium and discount	

## **Ability Enhancement Courses (AEC)**

## 4. Business Communication - II

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	
2	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	

Skill Enhancement Courses (SEC)

## 5. Foundation Course - II

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	

Skill Enhancement Courses (SEC)

## 2.5. Foundation Course in NSS - II

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	
	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	
	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	
2	Orientation of the College Unit and Communication Skills	
	Training and orientation of the program unit in the college	
	Leadership training – formation of need based programmmes- Concept of	
	campus to community(C to C) activities	
	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	
3	Rapport with Community and Programme Planning	
	Working with individual group and community	
	Ice breaking- interaction games – conflict resolution	
	Program planning	
	Programme planning- the concept and its features, requirements for successful implementation of program- program flow charting- feedback	
4	Government Organisations /Non-Government Organisations	
-	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)	
	Government schemes for community development	
	Schemes os Government welfare departments for community development-	
	provisions & examples	

Skill Enhancement Courses (SEC)

## 5. Foundation Course in NCC - II

Sr.	Modules	No. of
No.		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	
1	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  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	
	<ul> <li>and its need, about NGOs and shall participate in community action programmes for betterment of the community.</li> <li>Basics of Social Service, Weaker Sections of Our Society and Their Needs</li> <li>Social/ Rural Development Project: MNREGA, SGSY, NSAP etc.</li> <li>Contribution of Youth towards Social Welfare</li> <li>Civic Responsibilities</li> <li>Causes &amp; Prevention of HIV/AIDS; Role of Youth</li> </ul>	
2	Health and Hygiene	
	<ul> <li>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.</li> <li>Structure and Functioning of the Human Body</li> <li>Hygiene and Sanitation (Personal and Food Hygiene)</li> <li>Infectious &amp; Contagious Diseases &amp; Their Prevention</li> </ul>	
3	Drill with Arms	
	<ul> <li>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.</li> <li>Attention, Stand at Ease and Stand Easy</li> <li>Getting on Parade with Rifle and Dressing at the Order</li> <li>Dismissing and Falling Out</li> <li>Ground / Take Up Arms</li> <li>Present From the Order and Vice-versa</li> <li>General Salute, Salami Shastra</li> </ul>	
4	Weapon Training	
	<ul> <li>Desired outcome: The student shall have basic knowledge of weapons and their use and handling.</li> <li>Characteristics of a Rifle / Rifle Ammunition and its Fire Power</li> <li>Stripping, Assembling, Care and Cleaning and Sight Setting of .22 rifle</li> <li>Stripping, Assembling, Care and Cleaning of 7.62mm SLR</li> <li>Loading, Cocking and Unloading</li> <li>The lying position, Holding and Aiming- I</li> <li>Trigger control and firing a shot</li> <li>Range procedure and safety precautions</li> <li>Short range firing, Aiming- II -Alteration of sight</li> </ul>	

Sr. No.	Modules / Units	
5	Specialized Subject: Army Or Navy Or Air	
	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  A. Map reading  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  B. Field Craft and Battle Craft  Introduction  Judging distance  Description of ground	
	Recognition, Description and Indication of landmarks and targets	
	OR Navy	
	<ul> <li>A. Naval Communication</li> <li>Introduction to Naval Modern Communication, Purpose and Principles</li> <li>Introduction of Naval communication</li> <li>Duties of various communication sub-departments</li> <li>Semaphore</li> <li>Introduction of position of letters and prosigns</li> <li>Reading of messages</li> <li>Transmission of messages</li> <li>B. Seamanship</li> </ul>	
	<ul> <li>Anchor work</li> <li>Parts of Anchor and Cable, their identification</li> <li>Rigging</li> <li>Types of ropes and breaking strength- stowing, maintenance and securing of ropes</li> <li>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.</li> <li>Introduction to Shackles, Hooks, Blocks and Derricks, Coiling Down and Splicing of rope</li> </ul>	
	<ul> <li>C. Boat work</li> <li>Parts of Boat and Parts of an Oar</li> <li>Instruction on boat Pulling- Pulling orders</li> <li>Steering of boat under oars, Practical instruction on Boat Pulling, Precautions while pulling</li> </ul>	

Sr. No.	Modules / Units
	OR
	Air
	A. Air frames
	Aircraft Controls
	Landing Gear
	B. Instruments
	Basic Flight Instruments
	C. Aircraft Particulars
	Aircraft Particulars (Type specific)
	D. Aero modelling
	History of Aero modelling
	Materials used in Aero modelling
	Type of Aero models
	Flying/ Building of Aero models

## Skill Enhancement Courses (SEC)

## 5. Foundation Course in Physical Education - II

Sr.	Modules	No. of
No.		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	
	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	
	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	
	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	
	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.	

Core Courses (CC)

## 6. Organizational Behavior

Sr. No.	Modules	No. of Lectures
1	Introduction of organizational Behavior	15
2	Group Dynamics	15
3	Organizational Culture and Change Management	15
4	Organizational Development.	15
	Total	60

Sr. No.	Modules / Units	
1	Introduction of organizational Behavior	
	Meaning, Nature and scope of OB, Models of OB,  Theories of Motivation:	
	<ul> <li>Maslow, Herzberg, Mc.Gregor Theory X and Theory Y, William Ouchi's Theory</li> <li>Z, Victor Vroom . ERG theory</li> </ul>	
	Application of the Theories	
	Motivational techniques in Banking and Insurance Industry	
2	Group Dynamics	
	Individual Behavior ( IQ, EQ, SQ)	
	Group Formation, Team Building, Team Development.	
	Goal Setting	
	Soft Skills, Interpersonal Skills, Multicultural Skills, Cross Cultural Skills.	
	Johari Window	
3	Organizational Culture and Change Management	
	• Work Culture, Ways for Making Work Culture Effective and Lively, Work	
	Conflicts.	
	Organizational Change, effects of Resistance to Change, ways to overcome	
	resistance to change.	
	Time and Stress Management.	
4	Organizational Development	
	Meaning and Nature of OD.	
	Techniques of OD.	
	Importance of OD.	

## Core Courses (CC)

## 7. Quantitative Methods-II

Sr. No.	Modules	No. of Lectures
1	Testing of Hypothesis	10
2	Linear Programming Techniques	10
3	Matrices & Determinants (Application in Business and Economics)	10
4	Ratio, Proportion & Percentage	10
5	Statistical Applications In Investment Management	15
6	Economic indicators	05
	Total	60

Sr. No.	Modules / Units		
1	Testing of Hypothesis		
	Testing of hypotheses: Null Hypothesis, Alternative Hypothesis, Decision Criterion, Critical Region, Type I and Type II Error, level of significance, Test based on large Sample for Means and Proportion/s		
2	Linear Programming Techniques		
	Meaning, Advantages, limitations, business applications, basic terminology, formulation of linear Programming Problems, Graphical Method of solving Linear Programming Problems, Simplex method (upto 3 variables) with Maximisation and Minimisation. Duality in Linear Programming (concept only)		
3	Matrices & Determinants (Application in Business and Economics)		
	Matrices, Types of Matrices, Transpose, Addition, MultIplication, Subtraction of a Matrix, Determinants, Type of Determinants, inverse of a matrix by Pivotal Reduction Method, Adjoint Method and Row / Column Transformation. Application of Matrices and Determinants to Business and Economics. (Please concentrate on application of Matrices and Determinants to Business & Economics)		
4	Ratio, Proportion & Percentage		
	Ratio Definition, Continued Ratio, Inverse Ratio, Proportion, Continued Proportion, Direct Proportion, Inverse proportion, Variation, Inverse Variation, Joint Variation, Percentage: Meaning & Computation of Percentage.		
5	Statistical Applications In Investment Management		
	Expected return from shares (using probability) Measuring total risk from investigator shares (using standard deviations) Partitioning risk into systematic and unsystematic component (using co-variance) Measuring risks of portfolio (using co-relation) to draw conclusions regarding share prices (using testing of hypothesis).		
6	Economic indicators		
	GDP, Real growth in GDP price level Inflation rate, Money supply, Index for agricultural production Index for industrial production, Electrical		

#### Reference Books

#### **Reference Books**

#### **Environment and Management of Financial Services**

- Essentials of Business Finance RH. Srivastava, Himalaya
- Management of Financial Institution R. .N. Srivastava, Himalaya
- Investment Management Preeti Singh, Himalaya.
- Corporate Financial Policies and Returns to the Shareholders. N. Balsubramanian
- Modern Banking- R.S. Sayers
- Investment Analysis and Securities in India, V.A. Avadhani, Himalaya.
- Life insurance Corporates as Financial Institutions, IIC Associates of America.
- Modern Life Insurance, M J Oster and W, Robert, Macmillan NY
- Capital Market in a Planned Economy, NCAERT, Delhi,
- Banking In India. S.G. Panandikar, Worali, Mumbai.
- Investment Mgmt. S.L.V. Sinha & Others, Institute for Financial Development and Research. Madras
- Indian Financial System (Vol. I & II) B.D. Ghonasgi & Maloti Anagol
- Indian Financial System M.Y. Khan, Tata Mcgrow Hill.
- Financial Institutions in India Vadilal Dagli, Mumbai.
- Financial Institutions in Indian Markets L. M. Bhole, Tata Mcgrow Hill
- Outline of Mondy G.M. Gonter
- Investment for Beginners V.A. Avadhani, Himalaya
- Financial Services in India M.Y. Khan, Tata Macgrow Hill.
- Structure of Financial Institutions V,V. Bhatt, Varadeo
- Financial Analysis and Portfolio Management-Graham Dodd & Cotler, Macgrow Hill.
- Globalisation Indian Financial Markets Tandon R.K. Gupta S.L.
- Life Insurance Corporation of India. Vol.1. II & Ill Mishra M.N.
- Life Insurance Corporation Act, 1956.
- Insurance Regulatory Development Act, 1999.

#### **Principles of Management**

- Principles of Management, T.Ramaswamy Himalaya Publications, Mumbai.
- Practices and Principles of Management L.M. Prasad, S.Chand and Sons Education Publishers, New Delhi.
- Business Maharajas, Gita Piramal, Penguin Books, New Delhi.
- Wisdom of Indian Business Leadership, G. Narayana, English Edition Publishers and Distributors India Pvt, Ltd.
- In Search of Change Maestros Pritam Singh and Asha Bhandarkar, Sage Publications, UK

#### **Financial Accounting**

- Introduction to Accountancy -T. S. Grewal-(S.Chand & Co.)
- Double Entry Book Keeping- J. R. Batliboi.
- Double Entry Book Keeping M. M. Chokshi
- Advanced Accounts -Shukia & Grewal (S.Chand & Co.)
- Advanced Accountancy R.L.Gupta & M. Radhaswamy
- Accounting Standards -Institute of Chartered Accountants of India. New Delhi
- Gupa S C & Shukla, M C: Advanced Accounts Vol.1. New Delhi. S. Chand & Company Ltd.

#### **Effective Communication-I**

- Agarwal, Anju D (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 CS. (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.
- 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 End Practices,
- Harper Collins College Publishers, New York,
- Bhargava and Bhargava9l97l) 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(9810) 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, EC. (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.
- 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.
- Krevolin, Nathan (1983) Communication Systems and Procedures for Modern Office, Prentice Hall, NJ.
- Lesikar, Raymond V and Petit, John D.(1994) Business Communication: Theory and Application, Richard D. Irwin Inc. Ilinois,
- Ludlow, Ron. (1995) The Essence of Effective Communication, Prentice, New Delhi.
- 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.
- Monippalli, M.M. (1997), The craft or Business Letter Writing, T.M.H. New Delhi,
- Montagu, 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.
- Phillip, Louis V. (1975) Organisational Communication- The Effective Management, Columbus Grid Inc.
- Ross, Robert D. (1977) The Management of Public Relations, John Wiley and Sons, U.S.A.
- Stephenson, James (1988) Principles and Practice of Commercial Correspondence,
- Pilman and Sons Ltd. London,
- 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 , medivial 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 Subrata Mitra, Rouutlege Pub
- Politics in India, Rajani Kothari, Orient Blackswan
- Problems of Communilism in India, Ravindra Kumar Mittal Pub
- Combating communalism in India: Key to National Integration, Kawal Kishor 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
- Rashtriya Seva Yojana Sankalpana Prof. Dr. Sankay Chakane, Dr. Pramod\Pabrekar, Diamond Publication, Pune
- National Service Scheme Manual for NSS District Coordinators, National Service Scheme Cell, Dept. of Higher and Technical Education, Mantralaya,
- Annual report of National Service Scheme (NSS) published by Dept. of Higher and Technical Education, Mantralaya,
- NSS Cell, Dept. of Higher and Technical Education, Mantralaya, UTKARSHA- Socio and cultural guidelines
- Case material as a Training Aid for Field Workers, Gurmeet Hans.
- Social service opportunities in hospitals, Kapil K. Krishnan, TISS
- New Trends in NSS, Research papers published by University of Pune
- ANOOGUNJ Research Journal, published by NSS Unit C. K. Thakur college
- Training Manual for Field Work published by RGNIYD, Chreeperumbudur
- Prof. Ghatole R.N. Rural Social Science and Community Development.
- Purushottam Sheth, Dr. Shailaja Mane, National Service Scheme
- Joint programme of National Service Scheme, University of Mumbai & DISHA DEEPSHIKHA Projects, Nair Hospital, 2011-12
- National Service Scheme in India: A Case study of Karnataka, M. B. Dishad, Trust Publications, 2001
- http://www.thebetterindia.com/140/national-service-scheme-nss/
- http://en.wikipedia.org/wiki/national-service-scheme 19=http://nss.nic.in/adminstruct
- 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, Radhakrishanan Pillai and D.Shivnandhan, Jaico
- Social Psychology: Understanding Human Interaction, Baron, Robert A., (302/BAR/BYR),7th Edition
- Seven Habits of Highly Effective People., Covey, Stephen
- The Habit of Winning., Iyer , Prakash, Penguin , India ; 2011
- The Goal, Goldratt, Eliyahu, The Northriver press; 1994
- Freedom Struggle, Chandra Bipin, National Book Trust 1972
- Freedom of Religion and The Indian Judiciary, Bachal V.M., Shubhada Saraswat, (362P)
- India 1996- A Reference Annual Govt. of India
- Saha Soneri Pane, Vinayak D. Savarkar
- Environmental Biology and Toxicology, P.D. Sharma., Rastogi Publication
- Environmental Science, S.C. Santra, New Central Book Agency
- National Cadet Corps (India), Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011
- National Cadet Corps, Youth in Action (Google eBook), National Cadet Corps (India), Lancer Publishers, 2003
- Youth in Step: History of the National Cadet Corps, V. Longer, Lancer international, 1983 Original from the University of Michigan
- National Cadet Corps of India, Man Mohan Sharma, Vision Books, 1980 Original from the University of Michigan
- The National Cadet Corps Act, 1948, as Modify Up to the 1st July 1963, India, Government of India Press, 1963 (Military Law)
- Cadet Corps in India: Its Evolution and Impact, Satis Chandra Maikap, Darbari Udyog, 1979 Original from the University of California
- National Cadet Corps: 100 Years of Distinction, National Cadet Corps (Singapore), NCC
- The NCC, Singapore, National Cadet Corps Council, National Cadet Corps Council
- Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006, R.S. Chhettri, Lancer Publishers, 2006
- National Civil Defence Cadet Corps, Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011
- Discovery of India, Jawaharlal Nehru
- Health and Hygiene, Manoj. J.S., Agra University Publication
- Yoga for Healing, Venkateswaran P.S., Bombay:- Jaico Publishing House 1989
- 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**

- Lippian Cott Williams and Wilkins 2006.
- American College of Sports Medicine, ACSM's, Guidelines for Exercise Testing and Priscription. (2013) Ninth Edition, Lippian Cott Williams and Wilkins.
- American College of Sports Medicine, ACSM's Resource Manual for Guidelines for Exercise Testing and Priscription. (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.

#### **Business Economics-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 Methods-I**

- Mathematics for Economics & Finance by Martin Anthony & Norman Biggs.
- Fundamentals of Statistics D. N. Elhance,
- Statistical Methods S.G. Gupta (S. Chand & Co.
- Statistics for Management Lovin R. Rubin D.S, (Prentice Hall of India)
- Statistics Theory, Method & Applications D.S.Sancheti & V. K. Kapoor.
- Modern Business Statistics (Revised)-B. Pearles & C. Sullivan -Prentice Hall of India.
- Business Mathematics & Statistics : B Aggarwal, Ane Book Pvt. Limited
- Business Mathematics : D C Sancheti & V K Kapoor, Sultan Chand & Sons
- Business Mathematics : A P Verma, Asian Books Pvt. :Limited.
- IRDA: IC. 33
- Fundamentals of Applied Statistics: S G Gupta and V K Kapoor, Sultan Chand & Co

#### Reference Books

#### **Reference Books**

#### **Principles and Practices of Banking and Insurance**

- Dr. K.M.Bhattacharaya & O.P.Agarwal, Basics of Banking and Finance, Himalaya Publishing House
- Gordan and Natrajan, Banking Theory Law and Practices, Himalaya Publishing House
- V.S.Gopal & Sumathi Gopal, Principles and Practices of Banking and Insurance, Himalaya Publishing House.
- Dr. Seethalekshmy & Jitendra Aherkar, Principles and Practices of Banking and Insurance. Sheth Publishing House
- Dr. P.K.Gupta, Insurance and Risk Management, Himalaya Publishing House
- M.N.Mishra, Insurance Principles and Practices, S.Chand & Company Ltd.
- Nalini Tripathy, Insurance Theory and Practices, Prentice Hall of India Ltd. New Delhi

#### **Business Law**

- The Constitution of India
- Respective Acts
- Indian Contract Act, Sale of Goods Act, Partnership Act.
- Business Law Kucchat M. C.
- Business Law Kapoor N. D.
- Business Law Chaudha P. R.

#### **Financial Accounting-II**

- 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 Lesile Chandwichk, 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 Shrinivasan Anand, 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, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi

#### **Business Communication-II**

- Agarwal, Anju D(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 CS. (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.
- 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 End Practices,
- Harper Collins College Publishers, New York,
- Communication in Business, McGraw Hill, Tokyo
- Bhargava and Bhargava9l97l) 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(9810) 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, EC. (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.
- 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.
- Krevolin, Nathan (1983) Communication Systems and Procedures for Modern Office, Prentice Hall, NJ.
- Lesikar, Raymond V and Petit, John D.(1994) Business Communication: Theory and Application, Richard D. Irwin Inc. Ilinois,
- Ludlow,Ron.(1995) The Essence of Effective Communication, Prentice, New Delhi.
- 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.
- Monippalli, M.M. (1997), The craft or Business Letter Writing, T.M.H. New Delhi,
- Montagu, 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.
- Phillip, Louis V. (1975) Organisational Communication- The Effective Management, Columbus Grid Inc.
- Ross, Robert D. (1977) The Management of Public Relations, John Wiley and Sons, U.S.A.
- Stephenson, James (1988) Principles and Practice of Commercial Correspondence,
- Pilman and Sons Ltd. London,
- Shurter, Robert L. (1971) Written C

#### 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, Narinder Kaur, Anmol Pub. (1995)
- Economics of development Dwight Perkins, Steven Radelet, David Lindauer, Norton company (2006)
- Industrial Policy and economic development in India (1947 -2012) Anup ChatterjeeNew 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 Soumyen Sikder, 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
- Rashtriya Seva Yojana Sankalpana Prof. Dr. Sankay Chakane, Dr. Pramod\Pabrekar, Diamond Publication, Pune
- National Service Scheme Manual for NSS District Coordinators, National Service Scheme Cell, Dept. of Higher and Technical Education, Mantralaya,
- Annual report of National Service Scheme (NSS) published by Dept. of Higher and Technical Education, Mantralaya,
- NSS Cell, Dept. of Higher and Technical Education, Mantralaya, UTKARSHA- Socio and cultural quidelines
- 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/adminstruct
- 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, Radhakrishanan Pillai and D.Shivnandhan, Jaico
- Social Psychology: Understanding Human Interaction, Baron, Robert A., (302/BAR/BYR),7th Edition
- Seven Habits of Highly Effective People., Covey, Stephen
- The Habit of Winning., Iyer , Prakash, Penguin , India ; 2011
- The Goal, Goldratt , Eliyahu, The Northriver press ; 1994
- Freedom Struggle, Chandra Bipin, National Book Trust 1972
- Freedom of Religion and The Indian Judiciary, Bachal V.M., Shubhada Saraswat, (362P)
- India 1996- A Reference Annual Govt. of India
- Saha Soneri Pane, Vinayak D. Savarkar
- Environmental Biology and Toxicology, P.D. Sharma., Rastogi Publication
- Environmental Science, S.C. Santra, New Central Book Agency
- National Cadet Corps (India), Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011
- National Cadet Corps, Youth in Action (Google eBook), National Cadet Corps (India), Lancer Publishers, 2003
- Youth in Step: History of the National Cadet Corps, V. Longer, Lancer international, 1983 Original from the University of Michigan
- National Cadet Corps of India, Man Mohan Sharma, Vision Books, 1980 Original from the University of Michigan
- The National Cadet Corps Act, 1948, as Modify Up to the 1st July 1963, India, Government of India Press, 1963 (Military Law)
- Cadet Corps in India: Its Evolution and Impact, Satis Chandra Maikap, Darbari Udyog, 1979 Original from the University of California
- National Cadet Corps: 100 Years of Distinction, National Cadet Corps (Singapore), NCC
- The NCC, Singapore, National Cadet Corps Council, National Cadet Corps Council
- Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006, R.S. Chhettri, Lancer Publishers, 2006
- National Civil Defence Cadet Corps, Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow, Betascript Publishing, 2011
- Discovery of India, Jawaharlal Nehru
- Health and Hygiene, Manoj. J.S., Agra University Publication
- Yoga for Healing, Venkateswaran P.S., Bombay:- Jaico Publishing House 1989
- 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

#### **Reference Books**

#### **Foundation Course in Physical Education**

- Lippian Cott Williams and Wilkins 2006.
- American College of Sports Medicine, ACSM's, Guidelines for Exercise Testing and Priscription. (2013) Ninth Edition, Lippian Cott Williams and Wilkins.
- American College of Sports Medicine, ACSM's Resource Manual for Guidelines for Exercise Testing and Priscription. (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.

#### **Organizational Behavior**

- Stephen P. Robbins "Organizational Behavior" Prentice Hall of India Private Ltd.
- Mirza S. Saiyadain"OrganizationalBehaviour"Tata Mc. Graw Hill.
- John Bratton "Work and Organizational Behaviour "MilitzaCallinan Carolyn Forshaw and Peter SawchukPalagraveMacmilla, New York.
- Margie Parikh and Rajen Gupta "Organizational Behaviour "Tata Mc. Graw Hill Education Private Limited , New Delhi.
- SujaNair"Organizational Behaviour"Himalaya Publishing House , Mumbai.

- John. R. Schermerhorn, James Hunt, Richard Osborn, Mary Ulh Bien, "Organizational Behaviour" John Wiley and Sons Publications, San Fransisco.
- Don Hellriegel& John W. Slocum "Organizational Behaviour", South WestrenCenage Learning Publications.
- Joan V. Gallos "Organizational Development" John Wiley and Sons Publications, San Francisco.

#### **Quantitative Methods-II**

- Mathematics for Economics & Finance by Martin Anthony & Norman Biggs.
- Fundamentals of Statistics D. N. Elhance,
- Statistical Methods S.G. Gupta (S. Chand & Co.
- Statistics for Management Lovin R. Rubin D.S, (Prentice Hall of India)
- Statistics Theory, Method & Applications D.S.Sancheti & V. K. Kapoor.
- Modern Business Statistics (Revised)-B. Pearles & C. Sullivan -Prentice Hall of India.
- Business Mathematics & Statistics : B Aggarwal, Ane Book Pvt. Limited
- Business Mathematics : D C Sancheti & V K Kapoor, Sultan Chand & Sons
- Business Mathematics : A P Verma, Asian Books Pvt. :Limited.
- IRDA: IC. 33
- Fundamentals of Applied Statistics: S G Gupta and V K Kapoor, Sultan Chand & Co

## **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	05 Marks
	(½ Mark each)	
	Answer in One or Two Lines (Concept based Questions)	05 Marks
	(01 Mark each)	
	Answer in Brief (Attempt Any Two of the Three)	10 Marks
	(05 Marks each)	
2	Active participation in routine class instructional deliveries and	05 Marks
	overall conduct as a responsible learner, mannerism and	
	articulation and exhibit of leadership qualities in organizing	
	related academic activities	

## 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 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 10/5 Marks.