

# University of Mumbai



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

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

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

***Board of Studies-in-Accountancy, University of Mumbai***

# B.Com. (Financial Management) Programme

## Under Choice Based Credit, Grading and Semester System

### Course Structure

#### F.Y.B.Com. (Financial Management)

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

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

<b>*List of Skill Enhancement Courses (SEC) for Semester I (Any One)</b>		<b>**List of Skill Enhancement Courses (SEC) for Semester II (Any One)</b>	
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
<b>Note: Course selected in Semester I will continue in Semester II</b>			

## S.Y.B.Com. (Financial Management)

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

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
<b>1</b>	<b><i>Elective Courses (EC)</i></b>		<b>1</b>	<b><i>Elective Courses (EC)</i></b>	
1, 2 & 3	*Any three courses from the following list of the courses	<b>09</b>	1,2 & 3	*Any three courses from the following list of the courses	<b>09</b>
<b>2</b>	<b><i>Ability Enhancement Courses (AEC)</i></b>		<b>2</b>	<b><i>Ability Enhancement Courses (AEC)</i></b>	
4	Entrepreneurial Development	<b>02</b>	4	IT in Management	<b>02</b>
<b>3</b>	<b><i>Core Courses (CC)</i></b>		<b>3</b>	<b><i>Core Courses (CC)</i></b>	
5	Management Accounting	<b>03</b>	5	Corporate Finance	<b>03</b>
6	Business Law	<b>03</b>	6	Corporate Law	<b>03</b>
7	Business Regulatory Framework	<b>03</b>	7	Office Management	<b>03</b>
<b>Total Credits</b>		<b>20</b>	<b>Total Credits</b>		<b>20</b>

<b><i>*List of Discipline Related Elective(DRE) Courses for Semester III (Any Three)</i></b>		<b><i>*List of Discipline Related Elective(DRE) Courses for Semester IV (Any Three)</i></b>	
1	Corporate Accounts - I	1	Corporate Accounts - II
2	Direct Tax - I	2	Direct Tax - II
3	Indirect Tax- I	3	Indirect Tax - II
4	Investment Banking	4	Merchant Banking
5	Cost Accounting - II	5	Cost Accounting - II
<b><i>Note: Course/ Subject selected in Semester III will continue in Semester IV</i></b>			

## T.Y.B.Com. (Financial Management)

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

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

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

<b><i>*List of Elective Courses for Semester V (Any Four)</i></b>		<b><i>*List of Elective Courses for Semester VI (Any Four)</i></b>	
1	Corporate Accounting	1	Corporate Restructuring
2	Auditing - I	2	Auditing - II
3	Management Information systems	3	Financial Reporting
4	Business Ethics	4	Organisational Behaviour
5	Personal Financial Planning	5	Econometrics for Finance
6	Financial Analysis and Business Valuation	6	Security Analysis & Portfolio Management
<b>Note: Course/ Subject selected in Semester V will continue in Semester VI</b>			

# University of Mumbai



**Revised Syllabus  
and  
Question Paper Pattern  
of Courses  
of  
B.Com. (Financial 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-Accountancy, University of Mumbai*

# B.Com. (Financial Management) Programme

## Under Choice Based Credit, Grading and Semester System

### Course Structure

#### F.Y.B.Com. (Financial Management)

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

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

<b>*List of Skill Enhancement Courses (SEC) for Semester I (Any One)</b>		<b>**List of Skill Enhancement Courses (SEC) for Semester II (Any One)</b>	
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
<b>Note: Course selected in Semester I will continue in Semester II</b>			

**B.Com. (Financial 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
<b>1</b>	<b><i>Elective Courses (EC)</i></b>	
1	Financial Accounting - I	<b>03</b>
2	Business Mathematics	<b>03</b>
3	Indian Financial system	<b>03</b>
<b>2</b>	<b><i>Ability Enhancement Courses (AEC)</i></b>	
<b>2A</b>	<b><i>Ability Enhancement Compulsory Course (AECC)</i></b>	
4	Business Communication - I	<b>03</b>
<b>2B</b>	<b><i>*Skill Enhancement Courses (SEC)</i></b>	
5	Any one course from the following list of the courses	<b>02</b>
<b>3</b>	<b><i>Core Courses (CC)</i></b>	
6	Business Environment	<b>03</b>
7	Business Economics - I	<b>03</b>
<b>Total Credits</b>		<b>20</b>

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

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

**Elective Courses (EC)**

**1. Financial Accounting – I**

**Modules at a Glance**

Sr. No.	Modules	No. of Lectures
1	Meaning and scope of Accounting	15
2	Depreciation	15
3	Single Entry	15
4	Final Accounts of a sole trader	15
<b>Total</b>		<b>60</b>



Sr. No.	Modules / Units
<b>1</b>	<b>Meaning and scope of Accounting</b>
	Basic Accounting Concepts and Conventions –Objectives of Accounting - Accounting Transactions - Double Entry Book keeping - Journal, Ledger, Preparation of Trial Balance - Preparation of Cash Book.
<b>2</b>	<b>Depreciation</b>
	Depreciation - Meaning, Causes, Types - Straight Line Method - Written Down Value Method (Change in Method excluded) - Insurance Claims - Average Clause (Loss of stock only).
<b>3</b>	<b>Single Entry</b>
	Single Entry - Meaning, Features, Defects, Differences between Single Entry and Double Entry System – Statement of Affairs Method - Conversion Method (Only simple problems).
<b>4</b>	<b>Final Accounts of a sole trader</b>
	Preparation of Final Accounts of a Sole Trading Concern - Adjustments - Closing Stock, Outstanding and Prepaid items, Depreciation, Provision for Bad Debts, Provision for Discount on Debtors, Interest on Capital and Drawings

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

***Elective Courses (EC)***

**2. Business Mathematics**

***Modules at a Glance***

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

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

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

***Elective Courses (EC)***

**3. Indian Financial System**

***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Financial System	15
2	Financial Institutions	15
3	The Non-banking financial institutions	15
4	Finance Companies	15
	<b>Total</b>	<b>60</b>

Sr. No.	Modules / Units
1	<b>Financial System</b>
	Meaning, nature, structure, role, flow of funds in financial system, financial systems and economic development. An overview of Indian Financial System.
2	<b>Financial Institutions</b>
	Institutional Framework, Reserve Bank of India: Objectives, Functions, Commercial Banking: Role & Development of Commercial Banking, Services by commercial banks, Problems and challenges in banking industry, Development Banks- Concept, objectives, & functions, promotional role, a brief historical perspective. An update on the performance of SFCs, LIC & GIC.
3	<b>Non-banking financial institutions</b>
	NBFCs- concept, nature of NBFCs, role, sources of finance, RBI guidelines. NABARD- role & functions; SEBI- Organization, Functions, SEBI as a regulator.
4	<b>Finance Companies</b>
	The Evolution of Finance Companies, The Present Status and the Micro Finance and its importance in Rural Economy.

***Revised Syllabus of Courses of B.Com. (Financial 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***

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

<b>1</b>	<b>Theory of Communication</b>
	<p><b>Concept of Communication:</b> Meaning, Definition, Process, Need, Feedback Emergence of Communication as a key concept in the Corporate and Global world Impact of technological advancements on Communication</p> <p><b>Channels and Objectives of Communication: Channels-</b> Formal and Informal- Vertical, Horizontal, Diagonal, Grapevine</p> <p><b>Objectives of Communication:</b> Information, Advice, Order and Instruction, Persuasion, Motivation, Education, Warning, and Boosting the Morale of Employees (A brief introduction to these objectives to be given)</p> <p><b>Methods and Modes of Communication:</b> Methods: Verbal and Nonverbal, Characteristics of Verbal Communication Characteristics of Non-verbal Communication, Business Etiquette Modes: Telephone and SMS Communication 3 (General introduction to Telegram to be given) Facsimile Communication [Fax] Computers and E- communication Video and Satellite Conferencing</p>
<b>2</b>	<b>Obstacles to Communication in Business World</b>
	<p><b>Problems in Communication /Barriers to Communication:</b> Physical/ Semantic/Language / Socio-Cultural / Psychological / Barriers, Ways to Overcome these Barriers</p> <p><b>Listening:</b> Importance of Listening Skills, Cultivating good Listening Skills – 4</p> <p><b>Introduction to Business Ethics:</b> Concept and Interpretation, Importance of Business Ethics, Personal Integrity at the workplace, Business Ethics and media, Computer Ethics, Corporate Social Responsibility Teachers can adopt a case study approach and address issues such as the following so as to orient and sensitize the student community to actual business practices: Surrogate Advertising, Patents and Intellectual Property Rights, Dumping of Medical/E-waste, Human Rights Violations and Discrimination on the basis of gender, race, caste, religion, appearance and sexual orientation at the workplace Piracy, Insurance, Child Labour</p>
<b>3</b>	<b>Business Correspondence</b>
	<p><b>Theory of Business Letter Writing:</b> Parts, Structure, Layouts—Full Block, Modified Block, Semi - Block Principles of Effective Letter Writing, Principles of effective Email Writing,</p> <p><b>Personnel Correspondence:</b> Statement of Purpose, Job Application Letter and Resume, Letter of Acceptance of Job Offer, Letter of Resignation [Letter of Appointment, Promotion and Termination, Letter of Recommendation (to be taught but not to be tested in the examination)]</p>

Sr. No.	Modules / Units
4	Language and Writing Skills
	<p><b>Commercial Terms used in Business Communication</b></p> <p><b>Paragraph Writing:</b>            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><b>Activities</b></p> <ul style="list-style-type: none"> <li>▪ Listening Comprehension</li> <li>▪ Remedial Teaching</li> <li>▪ Speaking Skills: Presenting a News Item, Dialogue and Speeches</li> <li>▪ Paragraph Writing: Preparation of the first draft, Revision and Self – Editing, Rules of spelling.</li> <li>▪ Reading Comprehension: Analysis of texts from the fields of Commerce and Management</li> </ul>



**Revised Syllabus of Courses of B.Com. (Financial 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**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>45</b>

Sr. No.	Modules / Units
1	<b>Overview of Indian Society</b>
	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	<b>Concept of Disparity- 1</b>
	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	<b>Concept of Disparity-2</b>
	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	<b>The Indian Constitution</b>
	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	<b>Significant Aspects of Political Processes</b>
	The party system in Indian politics; Local self-government in urban and rural areas; the 73rd and 74th Amendments and their implications for inclusive politics; Role and significance of women in politics

**Revised Syllabus of Courses of B.Com. (Financial 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**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>45</b>

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

**Revised Syllabus of Courses of B.Com. (Financial 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**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to NCC, Nation-al 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
<b>Total</b>		<b>45</b>

Sr. No.	Modules / Units
1	<b>Introduction to NCC, National Integration &amp; Awareness</b>
	<p><b>Desired outcome:</b> 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"> <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	<b>Drill: Foot Drill</b>
	<p><b>Desired outcome:</b> 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"> <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	<b>Adventure Training, Environment Awareness and Conservation</b>
	<p><b>Adventure Training</b></p> <p><b>Desired outcome:</b> The students will overcome fear &amp; 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"> <li>• Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc</li> </ul> <p><b>Environment Awareness and Conservation</b></p> <p><b>Desired outcome:</b> The student will be aware of the conservation of natural resources and protection of environment.</p> <ul style="list-style-type: none"> <li>• Natural Resources – Conservation and Management</li> <li>• Water Conservation and Rainwater Harvesting</li> </ul>

Sr. No.	Modules / Units
4	<b>Personality Development and Leadership</b>
	<p><b>Desired outcome:</b> The student will develop an all-round personality with adequate leadership traits to deal / contribute effectively in life.</p> <ul style="list-style-type: none"> <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	<b>Specialized Subject: Army Or Navy Or Air</b>
	<p><b><u>Army</u></b></p> <p><b>Desired outcome:</b> 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 &amp; provide basic knowledge about armed, naval and air-force subjects</p> <p><b>A. Armed Force</b></p> <ul style="list-style-type: none"> <li>• Basic organisation of Armed Forces</li> <li>• Organisation of Army</li> <li>• Badges and Ranks</li> </ul> <p><b>B. Introduction to Infantry and weapons and equipments</b></p> <ul style="list-style-type: none"> <li>• Characteristics of 7.62mm SLR Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning</li> </ul> <p><b>C. Military history</b></p> <ul style="list-style-type: none"> <li>• Biographies of renowned Generals (Carriapa / Sam Manekshaw)</li> <li>• Indian Army War Heroes- PVCs</li> </ul> <p><b>D. Communication</b></p> <ul style="list-style-type: none"> <li>• Types of Communications</li> <li>• Characteristics of Wireless Technologies (Mobile, Wi-Fi etc.)</li> </ul> <p style="text-align: center;"><b>OR</b></p> <p><b><u>Navy</u></b></p> <p><b>A. Naval orientation and service subjects</b></p> <ul style="list-style-type: none"> <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> </ul> <p><b>B. Ship and Boat Modelling</b></p> <ul style="list-style-type: none"> <li>• Principles of Ship Modelling</li> <li>• Maintenance and Care of tools</li> </ul>

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



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## 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
<b>Total</b>		<b>45</b>

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

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**Core Courses (CC)**

**6. Business Environment**

**Modules at a Glance**

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

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

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**Core Courses (CC)**

**7. Business Economics – I**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Introduction</b>
	<p><b>Scope and Importance of Business Economics</b> - 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	<b>Demand Analysis</b>
	<p><b>Demand Function</b> - 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><b>Demand estimation and forecasting:</b> Meaning and significance - methods of demand estimation: survey and statistical methods <i>(numerical illustrations on trend analysis and simple linear regression)</i></p>
3	<b>Supply and Production Decisions and Cost of Production</b>
	<p><b>Production function:</b> 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><b>Cost concepts:</b> 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	<b>Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition</b>
	<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><b>Monopolistic competition:</b> 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><b>Oligopolistic markets:</b> key attributes of oligopoly - Collusive and non collusive oligopoly market - Price rigidity - Cartels and price leadership models <i>(with practical examples)</i></p>
5	<b>Pricing Practices</b>
	<p>Cost oriented pricing methods: cost – plus (full cost) pricing, marginal cost pricing, Mark up pricing, discriminating pricing, multiple – product pricing - transfer pricing <i>(case studies on how pricing methods are used in business world)</i></p>

**B.Com. (Financial 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
<b>1</b>	<b><i>Elective Courses (EC)</i></b>	
1	Financial Accounting - II	<b>03</b>
2	Business Statistics	<b>03</b>
3	Principles of Finance	<b>03</b>
<b>2</b>	<b><i>Ability Enhancement Courses (AEC)</i></b>	
<b>2A</b>	<b><i>Ability Enhancement Compulsory Course (AECC)</i></b>	
4	Business Communication - II	<b>03</b>
<b>2B</b>	<b><i>**Skill Enhancement Courses (SEC)</i></b>	
5	Any one course from the following list of the courses	<b>02</b>
<b>3</b>	<b><i>Core Courses (CC)</i></b>	
6	Environmental Science	<b>03</b>
7	Computer Skills - I	<b>03</b>
<b>Total Credits</b>		<b>20</b>

<b><i>**List of Skill Enhancement Courses (SEC) for Semester II (Any One)</i></b>	
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. Financial Accounting - II**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Branch Accounts	15
2	Departmental Accounts	15
3	Hire Purchase & Instalment	15
4	Partnership Accounts	15
<b>Total</b>		<b>60</b>



Sr. No.	Modules / Units
1	<b>Branch Accounts</b>
	Meaning / Classification of Branches Accounting for Dependent Branch Not Maintaining Full Books Debtors Method Stock and Debtors Method
2	<b>Departmental Accounts</b>
	Meaning Basis of Allocation of Expenses and Incomes / Receipts Inter Departmental Transfer: At Cost Price and Invoice Price Stock Reserve Departmental Trading and Profit and Loss Account and Balance Sheet
3	<b>Hire Purchase &amp; Instalment</b>
	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 (Excluding Default, Repossession and Calculation of Cash Price)
4	<b>Partnership Accounts</b>
	Admission of a partner- Retirement of a partner- Death of a partner Dissolution of a partnership- Insolvency of a partner ( Application of Indian Partnership Act 1932) – Insolvency of all partners- Gradual realisation of assets and piecemeal distribution

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**Elective Courses (EC)**

**2. Business Statistics**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Population and sample	15
2	Measures of Central tendency	15
3	Measures of Dispersion	15
4	Correlation and regression (for ungrouped data)	15
<b>Total</b>		<b>60</b>

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

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***Elective Courses (EC)***

**3. Principles of Finance**

***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to Finance and Financial Planning	15
2	Capital Structure and Capitalisation	15
3	External Sources of Finance	15
4	Internal Sources of Finance	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
<b>1</b>	<b>Introduction to Finance and Financial Planning</b>
	Finance, Definition, Nature and scope of Finance function Financial Management: Meaning, scope and objectives Organisational framework of financial management- Relationship of finance department with other departments- Role of Finance Manager Financial Planning: Concept- objectives-types- steps-significance- basic considerations- limitations
<b>2</b>	<b>Capital Structure and Capitalisation</b>
	Meaning of Capital Structure- Criteria of determining capital structure- factors influencing capital structure Meaning of Capitalisation, narrower and broader interpretation Overcapitalisation- Meaning, causes, consequences, remedies Undercapitalisation- Meaning, causes, consequences, remedies
<b>3</b>	<b>External Sources of Finance</b>
	Shares- Meaning, types, advantages, limitations Debentures- Meaning, types, advantages, limitations Public Deposits- Meaning, advantages, limitations Borrowing from banks- types of loans, advantages, limitations
<b>4</b>	<b>Internal Sources of Finance</b>
	Reserves and surplus, bonus shares, retained earnings, Dividend policy, Role of Depreciation, Importance, advantages and limitations of these sources

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**Ability Enhancement Courses (AEC)**

**4. Business Communication - II**

**Modules at a Glance**

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

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

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**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
<b>Total</b>		<b>45</b>



Sr. No	Modules /Units
<b>1</b>	<b>Globalisation and Indian Society</b>
	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.
<b>2</b>	<b>Human Rights</b>
	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
<b>3</b>	<b>Ecology</b>
	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
<b>4</b>	<b>Understanding Stress and Conflict</b>
	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
<b>5</b>	<b>Managing Stress and Conflict in Contemporary Society</b>
	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**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>45</b>

Sr. No.	Modules / Units
1	<b>Socio-economic Survey and Special Camp</b>
	<p><b>Socio economic survey</b> Socio-economic survey- its meaning and need, Process of Socio-economic survey- design of questionnaire; data collection, data analysis and report writing</p> <p><b>Special camping activity</b> 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	<b>Orientation of the College Unit and Communication Skills</b>
	<p><b>Training and orientation of the program unit in the college</b> Leadership training – formation of need based programmes- Concept of campus to community(C to C) activities</p> <p><b>Communication skills and Documentation</b> 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	<b>Rapport with Community and Programme Planning</b>
	<p><b>Working with individual group and community</b> Ice breaking- interaction games – conflict resolution</p> <p><b>Program planning</b> Programme planning- the concept and its features, requirements for successful implementation of program- program flow charting- feedback</p>
4	<b>Government Organisations /Non-Government Organisations</b>
	<p><b>Structure of Government Organisations and Non-Government Organisations</b> 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><b>Government schemes for community development</b> Schemes os Government welfare departments for community development- provisions &amp; examples</p>

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**Skill Enhancement Courses (SEC)**

**5. Foundation Course in NCC - II**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>45</b>

Sr. No.	Modules / Units
1	<b>Disaster Management, Social Awareness and Community Development</b>
	<p><b>Disaster Management:</b>  <b>Desired outcome:</b> The student shall gain basic information about civil defence organisation / NDMA &amp; shall provide assistance to civil administration in various types of emergencies during natural / manmade disasters</p> <ul style="list-style-type: none"> <li>• Civil Defence Organisation and Its Duties/ NDMA</li> <li>• Types of Emergencies/ Natural Disaster</li> <li>• Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc.</li> <li>• 'Avan' model of NCC</li> </ul> <p><b>Social Awareness and Community Development:</b>  <b>Desired outcome:</b> The student shall have an understanding about social service and its need, about NGOs and shall participate in community action programmes for betterment of the community.</p> <ul style="list-style-type: none"> <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	<b>Health and Hygiene</b>
	<p><b>Desired outcome:</b> The student shall be fully aware about personal health and hygiene lead a healthy life style and foster habits of restraint and self awareness.</p> <ul style="list-style-type: none"> <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	<b>Drill with Arms</b>
	<p><b>Desired outcome:</b> 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"> <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	<b>Weapon Training</b>
	<p><b>Desired outcome:</b> The student shall have basic knowledge of weapons and their use and handling.</p> <ul style="list-style-type: none"> <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	<b>Specialized Subject: Army Or Navy Or Air</b>
	<p><b>Army</b>  <b>Desired outcome:</b> 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 &amp; provide basic knowledge about armed, naval and air-force subjects</p> <p><b>A. Map reading</b></p> <ul style="list-style-type: none"> <li>• Introduction to types of Maps and Conventional signs</li> <li>• Scales and Grid system</li> <li>• Topographical forms and technical terms</li> <li>• Relief, contours and Gradients</li> <li>• Cardinal points and Types of North</li> <li>• Types of bearings and use of Service Protractor</li> <li>• Prismatic compass and its use and GPS</li> </ul> <p><b>B. Field Craft and Battle Craft</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Judging distance</li> <li>• Description of ground</li> <li>• Recognition, Description and Indication of landmarks and targets</li> </ul> <p style="text-align: center;"><b>OR</b></p> <p><b>Navy</b></p> <p><b>A. `Naval Communication</b></p> <ul style="list-style-type: none"> <li>• Introduction to Naval Modern Communication, Purpose and Principles <ul style="list-style-type: none"> <li>▪ Introduction of Naval communication</li> <li>▪ Duties of various communication sub-departments</li> </ul> </li> <li>• Semaphore <ul style="list-style-type: none"> <li>▪ Introduction of position of letters and prosigns</li> <li>▪ Reading of messages</li> <li>▪ Transmission of messages</li> </ul> </li> </ul> <p><b>B. Seamanship</b></p> <ul style="list-style-type: none"> <li>• <b>Anchor work</b> <ul style="list-style-type: none"> <li>▪ Parts of Anchor and Cable, their identification</li> </ul> </li> <li>• <b>Rigging</b> <ul style="list-style-type: none"> <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> </li> </ul> <p><b>C. Boat work</b></p> <ul style="list-style-type: none"> <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
	<p style="text-align: center;"><i>OR</i></p> <p><b>Air</b></p> <p><b>A. Air frames</b></p> <ul style="list-style-type: none"> <li>• Aircraft Controls</li> <li>• Landing Gear</li> </ul> <p><b>B. Instruments</b></p> <ul style="list-style-type: none"> <li>• Basic Flight Instruments</li> </ul> <p><b>C. Aircraft Particulars</b></p> <ul style="list-style-type: none"> <li>• Aircraft Particulars (Type specific)</li> </ul> <p><b>D. Aero modelling</b></p> <ul style="list-style-type: none"> <li>• History of Aero modelling</li> <li>• Materials used in Aero modelling</li> <li>• Type of Aero models</li> <li>• Flying/ Building of Aero models</li> </ul>

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**Skill Enhancement Courses (SEC)**

**5. Foundation Course in Physical Education - II**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
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
<b>Total</b>		<b>45</b>



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

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**Core Courses (CC)**

**6. Environmental Science**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Environment – an overview	15
2	Natural Resources	15
3	Environment and economic activities	15
4	Environment Management	15
	<b>Total</b>	<b>60</b>

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

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**Core Courses (CC)**

**7. Computer Skills - I**

**Modules at a Glance**

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

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

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**Reference Books**

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

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- *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* Subrata Mitra, 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*, Kawal Kishor Bhardwaj, Mittal Pub

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- *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>



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- *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*
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- *Freedom of Religion and The Indian Judiciary, Bachal V.M. , Shubhada Saraswat, (362P)*
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- *Saha Soneri Pane, Vinayak D. Savarkar*
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- *Environmental Science, S.C. Santra, New Central Book Agency*
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- *National Cadet Corps, Youth in Action (Google eBook), National Cadet Corps (India), Lancer Publishers, 2003*
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### Foundation Course in Physical Education

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- *Entrepreneurial Development* by S.S. Khanka, S. Chand and Company Pvt. Ltd., New Delhi
- *Dynamics of Entrepreneurship* by Vasanta Desai, Himalaya Publishing House, Mumbai
- *Entrepreneurship and Small Development Business Management* by C.B. Gupta and S.S. Khanka, Sultan Chand and Sons, New Delhi
- *Entrepreneurship* by David H. Holt, PHI Learning Pvt. Ltd., New Delhi
- *Management of Small-Scale Industries* by Vasant Desai, Himalaya Publishing House, Mumbai
- *Business and Government* by Francis Cherunilam, Himalaya Publishing House, Mumbai
- *Corporate Governance in India* by Jayati Sarkar and Subrata Sarkar, Sage Publications, New Delhi
- *Corporate Governance: Principles, Policies and Practices* by A.C. Fernando, Pearson Education India, New Delhi

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- Hirchey .M., *Managerial Economics*, Thomson South western (2003)
- Salvatore, D.: *Managerial Economics in a global economy* (Thomson South Western Singapore, 2001)
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**Revised Syllabus of Courses of B.Com. (Financial Management)**  
**Programme at Semester II**  
**with effect from the Academic Year 2016-2017**

**Reference Books**

<b>Reference Books</b>
<b>Financial Accounting - II</b>
<ul style="list-style-type: none"> <li>• <i>Introduction to Accountancy</i> by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi</li> <li>• <i>Advance Accounts</i> by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi</li> <li>• <i>Advanced Accountancy</i> by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi</li> <li>• <i>Modern Accountancy</i> by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai</li> <li>• <i>Financial Accounting</i> by Lesile Chandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi</li> <li>• <i>Financial Accounting for Management</i> by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai</li> <li>• <i>Financial Accounting</i> by P.C. Tulsian, Pearson Publications, New Delhi</li> <li>• <i>Accounting Principles</i> by R.N. Anthony and J.S. Reece, Richard Irwin, Inc</li> <li>• <i>Financial Accounting</i> by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida</li> <li>• <i>Financial Accounting</i> by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai</li> <li>• <i>Financial Accounting</i> by V. Rajasekaran, Pearson Publications, New Delhi</li> <li>• <i>Introduction to Financial Accounting</i> by Horngren, Pearson Publications, New Delhi</li> <li>• <i>Financial Accounting</i> by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi</li> <li>• <i>Financial Accounting a Managerial Perspective</i>, Varadraj B. Bapat, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi</li> </ul>
<b>Business Statistics</b>
<ul style="list-style-type: none"> <li>• <i>Statistics for Management</i> Levin, Richard and David S. Rubin Prentice Hall of India.</li> <li>• <i>Practical Business Statistics</i>”, Siegel, Andrew F International Edition</li> <li>• <i>Basic Business Statistics: Concepts and Applications</i> Berenson and Levine Prentice Hall.</li> <li>• <i>Statistics: Concepts and Applications</i> Frank , Harry and Steven C. Althoen,</li> <li>• <i>Statistical Methods</i> Gupta, S.P., and Archana Gupta, Sultan Chand and Sons, New Delhi.</li> <li>• <i>Lectures in Business Statistics</i> , Dhingra, I.C., and M.P. Gupta Sultan Chand.</li> <li>• <i>Fundamentals of Statistics</i>”, Gupta, S.C Himalaya Publishing House.</li> </ul>
<b>Principles of Finance</b>
<ul style="list-style-type: none"> <li>• <i>Prasanna Chandra – Financial Management – Tata – McGraw hill</i></li> <li>• <i>S C Kucchal- Corporate Finance- Chaitnya Publishing house</i></li> <li>• <i>L M Pandey- Financial Management- Allahabad</i></li> <li>• <i>R M Srivastava- Pragati Prakashan- Meerut</i></li> <li>• <i>M Y Khana and P KJain- Financial Management- Tata- Mc Graw hill</i></li> </ul>
<b>Business Communication - II</b>
<ul style="list-style-type: none"> <li>• <i>Agarwal, Anju D(1989) A Practical Handbook for Consumers, IBH.</i></li> <li>• <i>Alien, R.K.(1970) Organisational Management through Communication.</i></li> <li>• <i>Ashley,A(1992) A Handbook Of Commercial Correspondence, Oxford University Press.</i></li> <li>• <i>Aswalthapa, K (1991)Organisational Behaviour, Himalayan Publication, Mumbai.</i></li> <li>• <i>Atreya N and Guha (1994) Effective Credit Management, MMC School of Management, Mumbai.</i></li> <li>• <i>Bahl,J.C. and Nagamia,S.M. (1974) Modern Business Correspondence and Minute Writing.</i></li> <li>• <i>Balan,K.R. and Rayudu C.S. (1996) Effective Communication, Beacon New Delhi.</i></li> </ul>

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- *Universal Human Rights : In theory and practice, Jack Donnelly, (2014)*
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- *National Service Scheme Manual for NSS District Coordinators, National Service Scheme Cell, Dept. of Higher and Technical Education, Mantralaya,*
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- <http://en.wikipedia.org/wiki/national-service-scheme> 19=<http://nss.nic.in/adminstruct>
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### Foundation Course in NCC

- *Cadet's Hand book – Common subject..all wings, BY DG NCC, New Delhi.*
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- *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.*
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### Foundation Course in Physical Education

- 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.
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### Environmental Science

- Environmental Geography, Singh, Savindra, Prayag Pustak Bhavan,
- Environmental Geography, Gautam Alka, Sharda Pustak Bhavan, Allahabad,
- Environmental Management, Dr Swapan C Deb- Jaico
- Principles of Environmental Science, W Cunningham & M Cunningham
- Environmental Science, McKinney M.L. & Schoch, Jones & Bartlett
- Basics of Environmental Sciences, Allaby M. 2002, Routledge, London
- Man's Impact on Environment, Detwyler T.R. McGraw-Hill, New York
- India's Water Wealth, Orient Longman Ltd. New Delhi, Rao K.L



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### Computer Skills – I

- *Fundamentals of Computers- Rajaram V- Prentice Hall*
- *Computers Today- Sanders, Donald- Mc Graw Hill*
- *Computers- Subramaniam N- wheeler*
- *Computers in Business- Saners D Mc Graw hills*
- *Woody Leonhard, using Microsoft Office , Pearson*
- *PCSoftware Made Simple-R.K.Taxali*
- *Office 2013 complete reference - Stephen L.Nelson*
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- *Mastering Office 2013 - Gimi Couster*
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**Revised Syllabus of Courses of B.Com. (Financial 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	<b>One class test (20 Marks)</b>	
	Match the Column/ Fill in the Blanks/ Multiple Choice Questions <i>(½ Mark each)</i>	05 Marks
	Answer in One or Two Lines (Concept based Questions) <i>(01 Mark each)</i>	05 Marks
	Answer in Brief (Attempt Any Two of the Three) <i>(05 Marks each)</i>	10 Marks
2	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic activities	05 Marks

**Question Paper Pattern**

**(Internal Assessment- Courses with Practical Courses)**

Sr. No.	Particular	Marks
1	<b>Semester End Practical Examination (20 Marks)</b>	
	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 <b>OR</b>	15 Marks
Q-2	Full Length Practical Question	15 Marks
Q-3	Full Length Practical Question <b>OR</b>	15 Marks
Q-3	Full Length Practical Question	15 Marks
Q-4	Full Length Practical Question <b>OR</b>	15 Marks
Q-4	Full Length Practical Question	15 Marks
Q-5	A) Theory questions B) Theory questions <b>OR</b>	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 <b>OR</b>	15 Marks
Q-2	Full Length Question	15 Marks
Q-3	Full Length Question <b>OR</b>	15 Marks
Q-3	Full Length Question	15 Marks
Q-4	Full Length Question <b>OR</b>	15 Marks
Q-4	Full Length Question	15 Marks
Q-5	A) Theory questions B) Theory questions <b>OR</b>	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.**