

**SYDENHAM COLLEGE OF COMMERCE & ECONOMICS**

**B ROAD, CHURCHGATE**

**MUMBAI-400020**

*( A Constituent of Dr Homi Bhabha State University)*

**Bachelor of Management Studies**

**(BMS) Programme**

*Course Structure*

*FYBMS Syllabus*

*Semester-I&II*

**Under Choice Based Credit System**

**To be implemented from Academic Year- 2019-20**

# Bachelor of Management Studies (BMS) Programme

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

### Course Structure

#### FYBMS

*(To be implemented from Academic Year- 2019-2020)*

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
<i>I</i>	<i>Ability Enhancement Course (AEC)</i>		<i>I</i>	<i>Ability Enhancement Course (AEC)</i>	
1.	Environmental Science	02	1.	Communication Skills for Effective management	02
<i>II</i>	<i>Core Courses (CC)</i>		<i>II</i>	<i>Core Courses (CC)</i>	
1.	Financial Accounting for Management	03	1.	Marketing Management	03
2.	Elements of Business Law	03	2.	Elements of Industrial Law	03
3.	Business Statistics: Tools and Techniques	03	3.	Mathematical Techniques	03
4.	Understanding Organizational Behaviour	03	4.	Overview of Business Environment	03
5.	Micro Economics	03	5.	Essentials of Management	03
6.	Contemporary Issues in Indian Society I	03	6.	Contemporary Issues in Indian Society II	
<b>Total Credits</b>		<b>20</b>	<b>Total Credits</b>		<b>20</b>

# SEMESTER -I

## *Ability Enhancement Course (AEC)*

### 1. Environmental Science

#### *Modules at a Glance*

Sr. No.	Modules	No. of Lectures
1	Environment and Ecosystem	13
2	Natural Resources and Sustainable Development	13
3	Populations and Emerging Issues of Development	13
4	Urbanisation and Environment	13
5	Reading of Thematic Maps and Map Filling	08
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Environment and Ecosystem</b>
	Environment: Meaning, definition, scope and its components; concept of an ecosystem : definition, Characteristics, components and types, functioning and structure; Food Chain and Food Web- Ecological Pyramids - Man and environment relationship; Importance and scope of Environmental Studies.
2	<b>Natural Resources and Sustainable Development</b>
	Meaning and definitions ; Classification and types of resources, factors influencing resource; Resource conservation- meaning and methods- I and non-conventional resources, problems associated with and management of water, forest and energy resources- resource utilization and sustainable development
3	<b>Populations and Emerging Issues of Development</b>
	Population explosion in the world and in India and arising concerns- Demographic Transition Theory - pattern of population growth in the world and in India and associated problems - Measures taken to control population growth in India; Human population and environment- Environment and Human Health – Human Development Index – The World Happiness Index
4	<b>Urbanisation and Environment</b>
	Concept of Urbanisation– Problems of migration and urban environment-

	Changing landuse, crowding and stress on urban resources, degradation of air and water, loss of soil cover impact on biodiversity, Urban heat islands – Emerging
	Smart Cities and safe cities in India - Sustainable Cities
<b>5</b>	<b>Reading of Thematic Maps and Map Filling</b>
	<p>Reading of Thematic Maps(4 Lectures)</p> <p>Located bars, Circles, Pie charts, Isopleths, Choropleth and Flow map, Pictograms - Only reading and interpretation.</p> <p>Map Filling: (4 Lectures)</p> <p>Map filling of World (Environmentally significant features) using point, line and polygon segment.</p> <p>Concept and Calculation of Ecological Footprint</p>

## *Core Courses (CC)*

### **1. Financial Accounting for Management**

#### *Modules at a Glance*

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction	15
2	Accounting Transactions	15
3	Depreciation Accounting & Trial Balance	15
4	Final Accounts	15
<b>Total</b>		<b>60</b>



Sr. No.	Modules / Units
1	<b>Introduction</b>
	<ul style="list-style-type: none"> <li>• <b>Meaning and Scope of Accounting:</b> Need and development, definition: Book-Keeping and accounting, Persons interested in accounting, Branches of accounting, Objectives of accounting</li> <li>• <b>Accounting principles:</b> Introductions to Concepts and conventions.</li> <li>• <b>Introduction to Accounting Standards:</b> Meaning and Scope) <ul style="list-style-type: none"> <li>▪ <b>AS 1 :</b> Disclosure to Accounting Policies</li> <li>▪ <b>AS 6:</b> Depreciation Accounting.</li> <li>▪ <b>AS 9:</b> Revenue Recognition.</li> <li>▪ <b>AS 10:</b> Accounting For Fixed Assets.</li> </ul> </li> <li>• <b>International Financial Reporting Standards (IFRS):</b> Introduction to IFRS <ul style="list-style-type: none"> <li>▪ <b>IAS-1:</b>Presenttion of Financial Statements (Introductory Knowledge)</li> <li>▪ <b>IAS-2:</b>Inventories (Introductory Knowledge)</li> </ul> </li> <li>• <b>Accounting in Computerized Environment:</b> Introduction, Features and application in various areas of Accounting</li> </ul>
2	<b>Accounting Transactions</b>
	<ul style="list-style-type: none"> <li>• <b>Accounting transactions:</b> Accounting cycle, Journal, Journal proper, Opening and closing entries, Relationship between journal &amp; ledger: Rules regarding posting: Trial balance: Subsidiary books (Purchase, Purchase Returns, Sales, Sales Returns &amp; cash book –Triple Column), Bank Reconciliation Statement.</li> <li>• <b>Expenditure:</b>Classification of Expenditure- Capital, revenue and Deferred Revenue expenditureUnusual expenses: Effects of error: Criteria test.</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Receipts:</b> Capital receipt, Revenue receipt, distinction between capital receipts and revenue receipts.</li> <li>• <b>Profit or Loss:</b> Revenue profit or loss, capital profit or loss</li> </ul>
<b>3</b>	<b>Depreciation Accounting &amp; Trial Balance</b>
	<ul style="list-style-type: none"> <li>• <b>Depreciation accounting:</b> Practical problem based on depreciation using SLM and RBM methods. (Where Provision for depreciation Account not maintained).</li> <li>• <b>Preparation of Trial Balance:</b> Introduction and Preparation of Trial Balance</li> </ul>
<b>4</b>	<b>Final Accounts</b>
	<ul style="list-style-type: none"> <li>• Introduction to Final Accounts of a Sole proprietor.</li> <li>• Rectification of errors.</li> <li>• Manufacturing Account, Trading Account, Profit and Loss Account and Balance Sheet.</li> <li>• Preparation and presentation of Final Accounts in horizontal format</li> <li>• Introduction to Schedule 6 of Companies Act ,1956</li> </ul>

## ***Core Courses (CC)***

### **2. Elements of Business Law**

#### ***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Contract Act, 1872 & Sale of Goods Act, 1930	15
2	Negotiable Instrument Act, 1981 & Consumer Protection Act, 1986	15
3	Company Law	15
4	Intellectual Property Rights(IPR)	15
<b>Total</b>		<b>60</b>

## *Core Courses (CC)*

### **3. Business Statistics: Tools and Techniques**

#### *Modules at a Glance*

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to Statistics	15
2	Measures of Dispersion, Co-Relation and Linear Regression	15
3	Time Series and Index Number	15
4	Probability and Decision Theory	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Introduction to Statistics</b>
	<ul style="list-style-type: none"> <li>• <b>Introduction:</b> Functions/Scope, Importance, Limitations</li> <li>• <b>Data:</b> Relevance of Data(Current Scenario), Type of data(Primary &amp; Secondary), Primary(Census vs Samples, Method of Collection (In Brief), Secondary(Merits, Limitations, Sources) (In Brief)</li> <li>• <b>Presentation Of Data:</b>Classification – Frequency Distribution – Discrete &amp; Continuous, Tabulation, Graph(Frequency, Bar Diagram, Pie Chart, Histogram, Ogives)</li> <li>• <b>Measures Of Central Tendency:</b>Mean(A.M, Weighted, Combined), Median(Calculation and graphical using Ogives), Mode(Calculation and Graphical using Histogram), Comparative analysis of all measures of Central Tendency</li> </ul>
2	<b>Measures of Dispersion, Co-Relation and Linear Regression</b>
	<ul style="list-style-type: none"> <li>• <b>Measures Of Dispersion:</b> Range with C.R(Co-Efficient Of Range), Quartiles &amp; Quartile deviation with CQ (Co-Efficient Of Quartile), Mean Deviation from mean with CMD (Co-Efficient Of Mean Deviation), Standard deviation with CV(Co-Efficient Of Variance), Skewness&amp; Kurtosis (Only concept)</li> <li>• <b>Co-Relation:</b> Karl Pearson, Rank Co-Relation</li> <li>• <b>Linear Regression:</b> Least Square Method</li> </ul>
3	<b>Time Series and Index Number</b>

	<ul style="list-style-type: none"> <li>• <b>Time Series:</b> Least Square Method, Moving Average Method, Determination of Season</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Index Number:</b> Simple(unweighted) Aggregate Method, Weighted Aggregate Method, Simple Average of Price Relatives, Weighted Average of Price Relatives, Chain Base Index Numbers, Base Shifting, Splicing and Deflating, Cost of Living Index Number</li> </ul>
<b>4</b>	<b>Probability and Decision Theory</b>
	<ul style="list-style-type: none"> <li>• <b>Probability:</b> Concept of Sample space, Concept of Event, Definition of Probability, Addition &amp; Multiplication laws of Probability, Conditional Probability, Bayes' Theorem(Concept only), Expectation &amp; Variance, Concept of Probability Distribution(Only Concept)</li> <li>• <b>Decision Theory:</b> Acts, State of Nature Events, Pay offs, Opportunity loss, Decision Making under Certainty, Decision Making under Uncertainty,</li> <li>• Non-Probability: Maximax, Maximin, Minimax, Regret, Laplace &amp; Hurwicz)</li> <li>• <b>Probabilistics (Decision Making under risk):</b> EMV, EOL, EVPI</li> <li>• Decision Tree</li> </ul>

## ***Core Courses (CC)***

### **4. Understanding Organizational Behaviour**

#### ***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Understanding of Human Nature	15
2	Introduction to Group Behaviour	15
3	Organizational Culture and Motivation at workplace	15
4	Organisational Change, Creativity and Development and Work Stress	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Understanding of Human Nature</b>
	<ul style="list-style-type: none"> <li>• <b>Individual Behaviour:</b> Concept of a man, individual differences, factors affecting individual differences, Influence of environment</li> <li>• <b>Personality and attitude:</b> Determinants of personality, Personality traits theory, Big five model, Personality traits important for organizational behaviour like authoritarianism, locus of control, Machiavellianism, introversion-extroversion achievement orientation , self – esteem, risk taking, self-monitoring and type A and B personalities, Concept of understanding self through JOHARI WINDOWS, Nature and components of attitude, Functions of attitude, Ways of changing attitude, Reading emotions</li> <li>• <b>Thinking, learning and perceptions:</b> Thinking skills, thinking styles and thinking hat, Managerial skills and development, Learning characteristics, theories of learning (classical conditioning, operant conditioning and social learning approaches), Intelligence, type ( IQ, EQ, SQ, at work place), Perception features and factor influencing individual perception, Effects of perceptual error in managerial decision making at work place. (Errors such as Halo effect, stereotyping, prejudice attributional).</li> </ul>
2	<b>Introduction to Group Behaviour</b>
	<ul style="list-style-type: none"> <li>• <b>Introduction to Group Behaviour</b> <ul style="list-style-type: none"> <li>▪ <b>Group Dynamics:</b> Nature, types, group behaviour model (roles, norms, status, process, structures)</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>▪ <b>Team effectiveness:</b> nature, types of teams, ways of forming an effective team.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Setting goals.</li> <li>• <b>Organizational processes and system.</b> <ul style="list-style-type: none"> <li>▪ <b>Power and politics:</b> nature, bases of power, politics nature, types, causes of organizational politics, political games.</li> <li>▪ <b>Organizational conflicts and resolution:</b> Conflict features, types, causes leading to organizational conflicts, levels of conflicts, ways to resolve conflicts through five conflicts resolution strategies with outcomes.</li> </ul> </li> </ul>
<b>3</b>	<b>Organizational Culture and Motivation at workplace</b>
	<ul style="list-style-type: none"> <li>• <b>Organizational Culture:</b> <ul style="list-style-type: none"> <li>▪ Characteristics of organizational culture.</li> <li>▪ Types, functions and barriers of organizational culture</li> <li>▪ Ways of creating and maintaining effective organization culture</li> </ul> </li> <li>• <b>Motivation at workplace:</b> Concept of motivation Theories of motivation in an organisational set up. <ul style="list-style-type: none"> <li>▪ A.Maslow Need Heirachy</li> <li>▪ F.Hertzberg Dual Factor</li> <li>▪ Mc.Gregor theory X and theory Y.</li> </ul> <p>Waysofmotivating through carrot (positive reinforcement) and stick (negative reinforcement) at workplace.</p> </li> </ul>



***Core Courses (CC)***

**5. Micro 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>



## ***Core Courses (CC)***

### **6. Contemporary Issues in Indian Society 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>
	<p>Understand the multi-cultural diversity of Indian society through its demographic composition: population distribution according to religion, caste, and gender;</p> <p>Appreciate the concept of linguistic diversity in relation to the Indian situation;</p> <p>Understand regional variations according to rural, urban and tribal characteristics;</p> <p>Understanding the concept of diversity as difference</p>
2	<b>Concept of Disparity- 1</b>
	<p>Understand the concept of disparity as arising out of stratification and inequality;</p> <p>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</p>
3	<b>Concept of Disparity-2</b>
	<p>Examine inequalities manifested due to the caste system and inter-group conflicts arising thereof; Understand inter-group conflicts arising out of communalism;</p> <p>Examine the causes and effects of conflicts arising out of regionalism and linguistic differences</p>
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
<b>5</b>	<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

# SEMESTER -II

## *Ability Enhancement Course (AEC)*

### 1. Communication Skills for Effective management

Sr. No.	Modules	No. of Lectures
1	Presentation Skills	15
2	Group Communication	15
3	Business Correspondence	15
4	Language and Writing Skills	15
<b>Total</b>		<b>60</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</p> <p>Effective use of OHP</p> <p>Effective use of Transparencies</p> <p>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</p> <p><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</p> <p><b>Conference:</b> Meaning and Importance of Conference Organizing a Conference Modern Methods: Video and Tele – Conferencing</p> <p><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)</p> <p><b>Only following to be taught in detail:-</b></p> <p>Letters of Inquiry, Letters of Complaints, Claims, Adjustments Sales Letters,</p>

	<p>promotional leaflets and fliers Consumer Grievance Letters, Letters under Right to Information (RTI) Act</p> <p>[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</p> <p><b>Summarisation:</b> Identification of main and supporting/sub points Presenting these in a cohesive manner</p>



## *Core Courses (CC)*

### **1. Marketing Management**

#### *Modules at a Glance*

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to Marketing	15
2	Marketing Environment, Research and Consumer Behaviour	15
3	Marketing Mix	15
4	Segmentation, Targeting and Positioning and Trends In Marketing	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Introduction to Marketing</b>
	<ul style="list-style-type: none"> <li>• <b>Introduction to Marketing:</b> Definition, features, advantages and scope of marketing. The 4P's and 4C's of marketing. Marketing v/s Selling. Marketing as an activity and function</li> <li>• <b>Concepts of Marketing:</b> Needs, wants and demands, transactions, transfer and exchanges.</li> <li>• <b>Orientations of a firm:</b> Production concept; Product concept; selling concept and marketing concept, social relationship, Holistic marketing.</li> </ul>
2	<b>Marketing Environment, Research and Consumer Behaviour</b>
	<ul style="list-style-type: none"> <li>• <b>The micro environment of business:</b> Management structure; Marketing Channels; Markets in which a firm operates; competitors and stakeholders.</li> <li>• <b>Macro environment:</b> Political Factors; Economic Factors; Socio Cultural Factors , Technological Factors (PEST Analysis)</li> <li>• <b>Marketing research:</b> Meaning, features, Importance of marketing research. Types of marketing research: Product research; Sales research; consumer/customer research; production research</li> <li>• <b>MIS:</b> Meaning, features and Importance</li> <li>• <b>Consumer Behaviour:</b> Meaning, feature, importance, factors affecting Consumer Behaviour</li> </ul>
3	<b>Marketing Mix</b>
	<ul style="list-style-type: none"> <li>• <b>Marketing mix:</b> Meaning –elements of Marketing Mix.</li> </ul>

	<ul style="list-style-type: none"> <li>• Product-product mix-product line lifecycle-product planning – New product development- failure of new product-levels of product.</li> <li>• Branding –Packing and packaging – role and importance</li> <li>• Pricing – objectives- factors influencing pricing policy and Pricing strategy.</li> <li>• Physical distribution – meaning – factor affecting channel selection-types of marketing channels</li> <li>• Promotion – meaning and significance of promotion. Promotion</li> <li>• tools (brief)</li> </ul>
<b>4</b>	<b>Segmentation, Targeting and Positioning and Trends In Marketing</b>
	<ul style="list-style-type: none"> <li>• Segmentation – meaning , importance , basis</li> <li>• Targeting – meaning , types</li> <li>• Positioning – meaning – strategies</li> <li>• New trends in marketing – E-marketing , Internet marketing and marketing using Social network</li> <li>• Social marketing/ Relationship marketing</li> </ul>

## ***Core Courses (CC)***

### **2. Elements of Industrial Law**

#### ***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Laws Related to Industrial Relations and Industrial Disputes	15
2	Laws Related to Health, Safety and Welfare	15
3	Social Legislation	15
4	Laws Related to Compensation Management	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Laws Related to Industrial Relations and Industrial Disputes</b>
	<ul style="list-style-type: none"> <li>• Industrial Disputes Act, 1947: Definition, Authorities, Awards, Settlements, Strikes Lockouts, Lay Offs, Retrenchment and Closure</li> <li>• The Trade Union Act, 1926</li> </ul>
2	<b>Laws Related to Health, Safety and Welfare</b>
	<ul style="list-style-type: none"> <li>• The Factory Act 1948: (Provisions related to Health, Safety and Welfare)</li> <li>• The Workmen’s Compensation Act, 1923 Provisions: <ul style="list-style-type: none"> <li>▪ Introduction: The doctrine of assumed risk, The doctrine of Common Employment, The doctrine of Contributory Negligence</li> <li>▪ Definitions</li> <li>▪ Employers liability for compensation (S-3 to 13)</li> <li>▪ Rules as to Compensation (Sec 4 to Sec 9) (14 A &amp; 17)</li> </ul> </li> </ul>
3	<b>Social Legislation</b>
	<ul style="list-style-type: none"> <li>• Employee State Insurance Act 1948: Definition and Employees Provident Fund</li> <li>• Miscellaneous Provision Act 1948: Schemes, Administration and determination of dues</li> </ul>
4	<b>Laws Related To Compensation Management</b>
	<ul style="list-style-type: none"> <li>• The payment of Wages Act 1948: Objectives, Definition, Authorised Deductions</li> </ul>

	<ul style="list-style-type: none"><li>• Payment of Bonus Act, 1965</li></ul>
	<ul style="list-style-type: none"><li>• The Payment Of Gratuity Act, 1972</li></ul>

## *Core Courses (CC)*

### **3. Mathematical Techniques**

#### *Modules at a Glance*

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Elementary Financial Mathematics	15
2	Matrices and Determinants	15
3	Derivatives and Applications of Derivatives	15
4	Numerical Analysis [Interpolation]	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Elementary Financial Mathematics</b>
	<ul style="list-style-type: none"> <li>• <b>Simple and Compound Interest:</b> Interest compounded once a year, more than once a year, continuous, nominal and effective rate of interest</li> <li>• Annuity-Present and future value-sinking funds</li> <li>• <b>Depreciation of Assets:</b> Equated Monthly Installments (EMI)- using flat interest rate and reducing balance method.</li> <li>• <b>Functions:</b> Algebraic functions and the functions used in business and economics, Break Even and Equilibrium point.</li> <li>• <b>Permutation and Combination:</b> (Simple problems to be solved with the calculator only)</li> </ul>
2	<b>Matrices and Determinants</b>
	<ul style="list-style-type: none"> <li>• <b>Matrices:</b> Some important definitions and some important results. Matrix operation (Addition, scalar multiplication, matrix multiplication, transpose of a matrix)</li> <li>• <b>Determinants of a matrix of order two or three:</b> properties and results of Determinants</li> <li>• Solving a system of linear equations using Cramer's rule</li> <li>• Inverse of a Matrix (up to order three) using ad-joint of a matrix and matrix inversion method</li> <li>• <b>Case study:</b> Input Output Analysis</li> </ul>
3	<b>Derivatives and Applications of Derivatives</b>



	<ul style="list-style-type: none"> <li>• <b>Introduction and Concept:</b> Derivatives of constant function, logarithmic functions, polynomial and exponential function</li> <li>• <b>Rules of derivatives:</b> addition, multiplication, quotient</li> <li>• Second order derivatives</li> <li>• <b>Application of Derivatives:</b> Maxima, Minima, Average Cost and Marginal Cost. Total revenue, Marginal revenue, Average revenue. Average and Marginal profit. Price elasticity of demand</li> </ul>
<b>4</b>	<b>Numerical Analysis [Interpolation]</b>
	<ul style="list-style-type: none"> <li>• <b>Introduction and concept:</b> Finite differences – forward difference operator – Newton’s forward difference formula with simple examples</li> <li>• Backward Difference Operator. Newton’s backward interpolation formula with simple examples</li> </ul>

## *Core Courses (CC)*

### **4. Overview of Business Environment**

#### *Modules at a Glance*

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to Business Environment	15
2	Political and Legal environment	15
3	Social and Cultural Environment, Technological environment and Competitive Environment	15
4	International Environment	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Introduction to Business Environment</b>
	<ul style="list-style-type: none"> <li>• <b>Business:</b> Meaning, Definition, Nature &amp; Scope, Types of Business Organizations</li> <li>• <b>Business Environment:</b> Meaning, Characteristics, Scope and Significance, Components of Business Environment</li> <li>• <b>Micro and Macro Environment:</b> Definition, Differentiation, Analysis of Business Environment, SWOT Analysis.</li> <li>• <b>Introduction to Micro-Environment:</b> <ul style="list-style-type: none"> <li>▪ <b>Internal Environment:</b> Value system, Mission, Objectives, Organizational Structure, Organizational Resources, Company Image, Brand Equity</li> <li>▪ <b>External Environment:</b> Firm, customers, suppliers, distributors, Competitors, Society</li> </ul> </li> <li>• <b>Introduction to Macro Components:</b> Demographic, Natural, Political, Social, Cultural, Economic, Technological, International and Legal)</li> </ul>
2	<b>Political and Legal environment</b>
	<ul style="list-style-type: none"> <li>• <b>Political Institutions:</b> Legislature, Executive, Judiciary, Role of government in Business, Legal framework in India.</li> <li>• <b>Economic environment:</b> economic system and economic policies. Concept of Capitalism, Socialism and Mixed Economy</li> <li>• Impact of business on Private sector, Public sector and Joint sector</li> <li>• Sun-rise sectors of India Economy. Challenges of Indian economy.</li> </ul>

<b>3</b>	<b>Social and Cultural Environment, Technological environment and Competitive Environment</b>
	<ul style="list-style-type: none"> <li>• <b>Social and Cultural Environment:</b> Nature, Impact of foreign culture on Business, Traditional Values and its Impact, Social Audit - Meaning and Importance of Corporate Governance and Social Responsibility of Business</li> <li>• <b>Technological environment:</b> Features, impact of technology on Business</li> <li>• <b>Competitive Environment:</b> Meaning, Michael Porter's Five Forces Analysis, Competitive Strategies</li> </ul>
<b>4</b>	<b>International Environment</b>
	<ul style="list-style-type: none"> <li>• <b>International Environment –</b> <ul style="list-style-type: none"> <li>▪ <b>GATT/ WTO:</b> Objective and Evolution of GATT, Uruguay round, GATT v/s WTO, Functions of WTO, Pros and Cons of WTO.</li> <li>▪ <b>Globalization:</b> Meaning, Nature and stages of Globalization, features of Globalization, Foreign Market entry strategies, LPG model.</li> <li>▪ <b>MNCs:</b> Definition, meaning, merits, demerits, MNCs in India</li> <li>▪ <b>FDI:</b> Meaning, FDI concepts and functions, Need for FDI in developing countries, Factors influencing FDI, FDI operations in India,</li> </ul> </li> <li>• <b>Challenges faced by International Business and Investment Opportunities for Indian Industry.</b></li> </ul>

***Core Courses (CC)***

**5. Essentials of Management**

***Modules at a Glance***

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of Lectures</b>
1	Introduction to Business Environment	15
2	Political and Legal environment	15
3	Social and Cultural Environment, Technological environment and Competitive Environment	15
4	International Environment	15
<b>Total</b>		<b>60</b>

Sr. No.	Modules / Units
1	<b>Nature of Management</b>
	<ul style="list-style-type: none"> <li>• <b>Management:</b> Concept, Significance, Role &amp; Skills, Levels of Management, Concepts of PODSCORB, Managerial Grid.</li> <li>• Evolution of Management thoughts, Contribution of F.W Taylor, Henri Fayol and Contingency Approach.</li> </ul>
2	<b>Planning and Decision Making</b>
	<ul style="list-style-type: none"> <li>• <b>Planning:</b> Meaning, Importance, Elements, Process, Limitations and MBO.</li> <li>• <b>Decision Making:</b> Meaning, Importance, Process, Techniques of Decision Making.</li> </ul>
3	<b>Organizing</b>
	<ul style="list-style-type: none"> <li>• <b>Organizing:</b> Concepts, Structure (Formal &amp; Informal, Line &amp; Staff and Matrix), Meaning, Advantages and Limitations</li> <li>• <b>Departmentation:</b> Meaning, Basis and Significance</li> <li>• <b>Span of Control:</b> Meaning, Graicunas Theory, Factors affecting span of Control Centralization vs Decentralization</li> <li>• <b>Delegation:</b> Authority &amp; Responsibility relationship</li> </ul>
4	<b>Directing, Leadership, Co-ordination and Controlling</b>
	<ul style="list-style-type: none"> <li>• <b>Directing:</b> Meaning and Process</li> <li>• <b>Leadership:</b> Meaning, Styles and Qualities of Good Leader</li> <li>• <b>Co-ordination</b> as an Essence of Management</li> </ul>

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|  | <ul style="list-style-type: none"><li>• <b>Controlling:</b> Meaning, Process and Techniques</li><li>• <b>Recent Trends:</b> Green Management &amp; CSR</li></ul> |
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## *Core Courses (CC)*

### **6. Contemporary Issues in Indian Society II**

#### *Modules at a Glance*

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



Sr. No	Modules /Units
1	<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.
2	<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
3	<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
4	<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