

**Three Years Integrated Programme** 

**Six Semesters** 

F.Y.B.Com.

Sem. I & Sem. II

**Course Structure** 

**Under Choice Based Credit, Grading & Semester** 

**System** 

To be implemented from A.Y. 2021-22

**Board of Studies in Commerce, Business Law and Business** 

Communication

**Faculty of Commerce & Management** 

### **Bachelor of Commerce (B.Com.) Programme**

### Under Choice Based Credit, Grading & Semester System

### F.Y.B.Com. Sem. I & II with Credits

(To be implemented from A.Y. 2021-22)

### **DISTRIBUTION OF CREDITS FOR B.COM. PROGRAMME**

SEM.	СС	AC	SC/SE	DC/DE	GE	PR	TOTAL
SEM.	18	02					20
1	( <b>6</b> Co. X 3 Cr.)	( <b>1</b> Co. X 2 Cr.)					
SEM.	18	02					20
П	( <b>6</b> Co. X 3 Cr.)	( <b>1</b> Co. X 2 Cr.)					
SEM.	12		04	04			20
Ш	(4 Co. X 3 Cr.)		(1 Co. X 4 Cr.)	(1 Co. X 4 Cr.)			
SEM.	12		04	04			20
IV	(4 Co. X 3 Cr.)		(1 Co. X 4 Cr.)	(1 Co. X 4 Cr.)			
SEM.	06		08	12			26
V	(2 Co. X 3 Cr.)		(2 Co. X 4 Cr.)	(3 Co. X 4 Cr.)			
SEM.	06		08	12			26
VI	(2 Co. X 3 Cr.)		(2 Co. X 4 Cr.)	(3 Co. X 4 Cr.)			
TOTAL	72	04	24	32			132
Course	24	02	06	08			40

Note:

 CC = Core Course, AC = Ability Enhancement Compulsory Course, SE = Skill Enhancement Elective Course, SC = Skill Enhancement Compulsory Course, DC = Discipline Specific Compulsory Course, DE = Discipline Specific Elective Course, GE = Generic Elective Course, PR = Project Work.

(2) Co. = Course and Cr. = Credit(s).

# Semester - I

### F.Y.B.Com. (Semester I)

Sr.	Subject Title	Credits	Subject Code	Evaluation			Workload in	
No.	Subject file			EX.	IN.	Total	Hi	rs.
A - C	ore Courses (CC)			Marks	Marks	Total	PW	PS
1	Commerce – I	3	BCCMCC101T	60	15	75	3	45
2	Financial Accounting – I	3	BCCMCC102T	60	15	75	3	45
3	Business Economics – I	3	BCCMCC103T	60	15	75	3	45
4	Foundation Course – I	3	BCCMCC104T	60	15	75	3	45
5	Business Mathematics & Statistics - I	3	BCCMCC105T	60	15	75	3	45
6	Communicative English – I	3	BCCMCC106T	60	15	75	3	45
B – A	bility Enhancement Compulsory Course	(AC)						
7	Environmental Science	2	BCCMAC101T	40	10	50	2	30
	TOTAL	20		400	100	500	20	300

*PW* = *Per Week*, *PS* = *Per Semester* 

**Note:** For Mathematics and Statistics and Communicative English, there will be 3 Theory Lectures of One Hour duration each and 1 Tutorial of One Hour Duration. Internal Evaluation of 15 Marks for Mathematics and Statistics and Communicative English to be conducted in Tutorials in a batch of 20 Students. Therefore, there will be 6 batches of 20 students per division. (Total Workload = 3 Theory Lecture of 1 Hour each + 1 Tutorial of 1 Hour each for 6 Batches per Division = 3 Hours + 6 Hours = 9 Hours Per Division Per Week)

### 1. BCCMCC101T – Commerce – I

Class:	F.Y.B.Com.			
Semester:	Semester – I			
Subject Code:	BCCMCC101T			
Course Title:	Business Organization and Entrepreneurship			
Course Objectives:	To familiarize students with various forms of business originations.			
	• To develop conceptual clarity on the concept of entrepreneurship.			
Learning Outcomes:	• Learner will understand the pros and cons of various forms of business			
	originations and their suitability.			
	• Learner will be able to understand and develop various entrepreneurship			
	skills.			
Committee:	Dr. Khushpat S. Jain			
	Dr. Vijay Chawale			
Total Credits:	3			
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)			
Total Lectures:	45			

### Commerce – I

### **Course Contents:**

Module	Description	No. of
		Lectures
	Introduction to Business	12
	1.1 Introduction:	
	<ul> <li>Concept, Features, Functions, Scope, Significance of Business</li> </ul>	
	<ul> <li>Forms of Business Organizations</li> </ul>	
	<ul> <li>Traditional and Modern Concept of Business</li> </ul>	
	1.2 Business Objectives:	
	Concept of Vision, Mission, Objectives	
	Classification of Business Objectives	
	<ul> <li>Reconciliation of Economic and Social Objectives</li> </ul>	
	1.3 Recent Trends in Business:	
	Concepts of Network Marketing, Franchising, Business Process	
	Outsourcing, Knowledge Process Outsourcing, Digital Economy, E-	
	Commerce and M-Commerce	
Ш	Business Environment	11
	2.1 Introduction:	
	Concept	
	Importance of Business Environment	
	2.2 Constituents of Business Environment:	
	Components of Internal Environment	
	<ul> <li>Components of External Environment (Micro and Macro)</li> </ul>	
	SWOT Analysis	
	<ul> <li>Perpetual Mapping between Business and Environment</li> </ul>	
	2.3 Interface between Business and its Environment:	
	Economic Environment in India	
	Legal Environment in India	
	<ul> <li>Interface between Technology and Business</li> </ul>	
	<ul> <li>Impact of Foreign Culture and Traditional Values on Business</li> </ul>	
	Michael Porter's Five Forces Analysis	
	Interface between Business and International Environment	
III	Project Planning	11
	3.1 Business Planning Process:	
	Concept of Project Planning	
	Importance of Project planning	
	Project Report and its Components	
	Feasibility Study – Types and Importance	
	3.2 Business Unit Promotion:	
	Concept and Stages of Business Promotion	
	Factors Affecting Business Location	
	Interface between Business and Government	
		1]

	3.3 Government Initiatives for Business Promotion:	
	Make in India	
	Start-up India	
	Stand-up India	
	Atmanirbhar Bharat	
IV	Entrepreneurship Development	11
	4.1 Concept of Entrepreneurship:	
	Concept and Importance of Entrepreneurship	
	Factors contributing to Growth of Entrepreneurship	
	Types of Entrepreneur	
	Qualities of a Successful Entrepreneur	
	4.2 Entrepreneurship Development:	
	Role of Education Institutions in Entrepreneurship Development	
	Entrepreneurs Training and Development Centers in India	
	Incentives to Entrepreneurs in India	
	4.3 Recent Trends in Entrepreneurship Development in India:	
	Women Entrepreneurs: Problems and Promotion.	
	<ul> <li>Social Entrepreneurs – Concept and Case Studies</li> </ul>	
	Case Studies of Successful Entrepreneurs from India	

### **Suggested References:**

(1) Business Organisation & Management, Maheshwari, et.al. International Book House

- (2) Introduction To Commerce, Vikram, Amit, Atlantic Publications
- (3) A Course Book on Business Environment, Cherunilam, Francis, Himalaya Publication
- (4) Essentials Of Business Environment, Aswathappa,K., Himalaya Pub
- (5) Entrepreneurship, Hisrich, Robert D, Mc Graw Hill
- (6) Entrepreneurship Development, Sharma, K.C., Regal Book Depot

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation	
Dr. Khushpat S. Jain	Chairperson	
Dr. Vijay Chawale	Member	

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Case Study of successful Indian entrepreneurs should be given as a Group Project to students.

Paper Pattern:	
Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out of 8)	

# 2. BCCMCC102T – Financial Accounting – I

Class:	F.Y.B.Com.			
Semester:	Semester – I			
Subject Code:	BCCMCC102T			
Course Title:	Financial Accounting – I			
Course Objectives:	• To introduce students to accounting concepts, conventions and standards.			
	To develop skills in inventory valuation.			
	<ul> <li>To develop abilities for identification of expenses and revenue.</li> </ul>			
	• To train students in finalizing the accounts of a manufacturing concern.			
Learning Objectives	• Learner will understand accounting concepts, conventions and standards.			
	Learner will develop skills in inventory valuation.			
	• Learner will develop abilities for identification of expenses and revenue.			
	• Learner will be able to finalise the accounts of a manufacturing concern.			
Committee:	Dr. Saumitra Sawant			
	Smt. Smita Kuntey			
Total Credits:	3			
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)			
Total Lectures:	45			

### Financial Accounting – I

Description

Contents	:
Module	
I	Introduction to Acco
	(a) Meaning, scope,

I	Introduction to Accounting	11
	(a) Meaning, scope, objectives, need, importance and limitations of accounting	
	(b) Basic accounting terminologies	
	(c) Branches of accounting	
	(d) Accounting Concepts, Conventions and Principles	
Ш	Accounting Standards issued by ICAI & Inventory Valuation	11
	2.1 Accounting Standards:	
	Concepts, Benefits	
	AS – 1: Disclosure of Accounting Policies	
	(a) Purpose	
	(b) Areas of Policies	
	(c) Disclosure of Policies	
	(d) Disclosure of Change in Policies	
	(e) Illustrations	
	AS – 2: Valuation of Inventories (Stock)	
	(a) Meaning and Definition	
	(b) Applicability	
	(c) Measurement of Inventory	
	(d) Disclosure in Final Accounts	
	(e) Explanation with Illustrations	
	2.2 Inventory Valuation	
	(a) Meaning of Inventories	
	(b) Cost for Inventory Valuation	
	(c) Inventory Systems :	
	Periodic Inventory System and	
	Perpetual Inventory System	
	(d) Valuation: Meaning and Importance	
	(e) Methods of Stock Valuation as per AS – 2:	
	FIFO and	
	Weighted Average Method	
	(f) Computation of Valuation of Inventory as on Balance Sheet Date if	
	Inventory is taken on a Date:	
	After the Balance Sheet or	
	Before the Balance Sheet	
	Classification of Income & Expenses	11
	Classification of Income, Expenditure and Receipts on the basis of:	
	(a) Capital	
	(b) Revenue	

No. of

Lectures

IV	Preparation of Manufacturing Final Accounts	12
	(a) Manufacturing Account	
	(b) Trading Account	
	(c) Profit and Loss Account	
	(d) Balance Sheet	
	(e) Adjustment Entries	

### **Suggested References:**

- (1) Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi
- (2) Advance Accounts by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi
- (3) Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- (4) Financial Accounting by Lesile Chandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi
- (5) Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co., Mumbai
- (6) Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Saumitra Sawant	Chairperson
Smt. Smita Kuntey	Member

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) - Class Test, Group Project, Group Discussion, Presentations.

### **Paper Pattern:**

Duration: 2 Hrs.
12 Marks

Q.2 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module II	
Q.3 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module III	
Q.4 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out of 8)	

### 3. BCCMCC103T – Business Economics – I

Class:	F.Y.B.Com	
Semester:	Semester –I	
Subject Code:	BCCMCC103T	
Course Title:	Business Economics -I	
Course Objectives:	<ul> <li>To make student understand the concept of Business Economics</li> <li>To make the student understand the important content of Micro Economics</li> <li>To make student understand the topics of demand, supply &amp; production in a firm</li> </ul>	
Learning Objectives	<ul> <li>Learner will understand the micro Economics and its concepts.</li> <li>Learner will be able to comprehend various topics of Business Economics.</li> </ul>	
Committee:	<ul> <li>Dr. Ritesh Kumar Singhal (Head Department of Business Economics),</li> <li>Dr. Anil Chougule (Member)</li> <li>Mr. Rajendra Mali (Member)</li> </ul>	
Total Credits:	3	
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)	
Total Lectures:	45	

### Business Economics – I

### **Course Contents:**

Module	Description	No. of
		Lectures
I	Introduction	10
	1.1 Scope and Importance of Business Economics	
	1.2 Basic Tools – Opportunity Cost Principle, Incremental and Marginal Concepts	
	1.3 Basic Economic Relations – Functional Relations.	
	1.4 Equations – Total, Average and Marginal Relations.	
	1.5 Use of Marginal Analysis in Decision-making.	
	1.6 Basics of Market Demand, Market Supply and Equilibrium Price – Shifts in	
	the Demand and Supply Curves and Equilibrium	
=	Demand Analysis	15
	2.1 Demand Function – Nature of Demand Curve under Different Markets.	
	2.2 Meaning, Significance, Types and Measurement of Elasticity of Demand	
	(Price, Income Cross and Promotional), Relationship between Price	
	Elasticity of Demand and Revenue Concepts.	
	2.3 Demand Estimation and Forecasting – Meaning and Significance, Methods of	
	Demand Estimation, Survey and Statistical Methods (Numerical Examples on	
	Trend Analysis and Simple Linear Regression – Case Study Solving)	
Ш	Supply and Production Decisions	10
	3.1 Production Function: Short-run Analysis with Law of Variable Proportions	
	3.2 Production Function with Two Variable Inputs, Iso-quants, Ridge Lines and	
	Least Cost Combination of inputs	
	3.3 Long-run Production Function and Laws of Returns to Scale	
	3.4 Expansion Path – Economies and Diseconomies of Scale & Economies of	
	Scope, Case Study Solving	
IV	Cost of Production	10
	4.1 Cost Concepts – Accounting and Economic Cost, Implicit and Explicit Cost,	
	Social and Private Cost, Historical and Replacement Cost, Sunk and	
	Incremental Cost, Fixed and Variable Cost, Total, Average and Marginal Cost	
	4.2 Cost Output Relationship in the Short Run and Long Run (Hypothetical	
	Numerical Problems to be discussed).	
	4.3 Extension of Cost Analysis: Cost Reduction through Experience – LAC and	
	Learning Curve and Break-Even Analysis (with Business Application)	
	Case Study Solving	

### **Suggested References:**

- (1) Mehta, P.L.: Managerial Economics Analysis, Problem & Cases, S. Chand & Sons, Delhi, 2000
- (2) Hirchey .M., Managerial Economics, Thomson South Western (2003)
- (3) Salvatore, D., Managerial Economics in a Global Economy, Thomson South Western (2001)
- (4) Frank R.H, Bernanke. B.S., Principles of Economics (Tata McGraw Hill (ed.3)
- (5) Gregory Mankiw., Principles of Economics, Thomson South Western, 2002

- (6) Samuelson &Nordhas.: Economics (Tata McGraw Hills, New Delhi, 2002)
- (7) Pal Sumitra, Managerial Economics Cases and Concepts (Macmillan, New Delhi, 2004)

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Riteshkumar Singhal	Chairperson
Dr. Anil R. Chougule	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Class Test, Group Project, Group Discussion, Presentations, Debates/Quiz, Field Survey (Report) and Poster Presentation.

# Paper Pattern: Total Marks: 60 Marks N.B. (1) All questions are compulsory. (2) Figures to the right indicate full marks. Q.1 Answer ANY TWO of the following: Three Questions based on Module I Q.2 Answer ANY TWO of the following: Three Questions based on Module II Q.3 Answer ANY TWO of the following:

Three Questions based on Module III

### Q.4 Answer ANY TWO of the following:

Three Questions based on Module IV

### Q.5 Objective Questions OR Concepts: 12 Marks Multiple Choice Questions, True of False, Match the Column OR

Explain the following concepts: (Any 6 out of 8)

Duration: 2 Hrs.

12 Marks

12 Marks

12 Marks

12 Marks

### 4. BCCMCC104T – Foundation Course – I

Class:	F.Y.B,Com.		
Semester:	Semester – I		
Subject Code:	BCCMCC104T		
Course Title:	Foundation Course – I		
Course Objectives:	To create social awareness among the students.		
	To understand Indian culture and traditions.		
	• To understand the Constitution of India.		
Learning Objectives	• Learner will understand the Indian Constitution and culture and tradition.		
	Learner will become socially aware and responsible.		
Committee:	Dr. Riteshkumar Singhal (Head, Department of Economics)		
	Dr. Anil R. Chougule (Member)		
	Shri Rajendra Mali (Member)		
Total Credits:	3		
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)		
Total Lectures:	45		

### Foundation Course – I

### **Course Contents:**

Module	Description	No. of	
I	Overview of Indian Society	05	
	1.1 Understand the multi-cultural diversity of Indian society through its		
	demographic composition: population distribution according to religion,		
	caste, and gender		
	2.1 Appreciate the concept of linguistic diversity in the Indian context		
	2.2 Understand regional variations w.r.t rural, urban and tribal characteristics		
	2.3 Understanding the concept of diversity as difference		
=	Concept of Disparity – 1	20	
	2.1 Understand the concept of disparity arising from stratification and inequality		
	2.2 Explore the disparities arising out of gender w.r.t to violence against women,		
	female foeticide (declining sex ratio) and portrayal of women in media		
	2.3 Appreciate the inequalities faced by people with disabilities and		
	understand the issues of people with physical and mental disabilities		
	2.4 Examine inequalities manifested due to the caste system and inter-group		
	conflicts arising thereof		
	2.5 Understand inter-group conflicts arising out of communalism		
	2.6 Examine the causes and effects of conflicts arising out of regionalism and		
	linguistic differences		
=	The Indian Constitution	10	
	3.1 Philosophy of the Constitution as set out in the Preamble		
	3.2 The structure of the Constitution – the Preamble, Main Body and Schedules		
	3.3 Fundamental Duties of the Indian Citizen		
	3.4 Tolerance, Peace and Communal Harmony as crucial values in		
	strengthening the social fabric of Indian society		
	3.5 Basic features of the Constitution.		
IV	Significant Aspects of Political Processes	10	
	4.1 The party system in Indian politics;		
	4.2 Local self-government in urban and rural areas;		
	4.3 73rd and 74th Amendments and their implications for inclusive politics;		
	4.4 Role and significance of women in politics.		

### **Suggested References:**

- (1) Indian Society and Culture, Vinita Padey, Rawat Pub (2016)
- (2) National Humana Rights Commission Disability Manual
- (3) Regional Inequalities in India, Bhat L S SSRD- New Delhi
- (4) The Constitution of India, P M Bakshi 2011
- (5) The Problems of Linguistic States in India, Krishna Kodesia Sterling Pub
- (6) Politics in India: structure, Process and Policy Subrata Mitra, Rouutlege Pub
- (7) Politics in India, Rajani Kothari, Orient Black Swan

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Riteshkumar Singhal	Chairperson
Dr. Anil R. Chougule	Member
Shri Rajendra Mali	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Project on ONE of the Growing Social Problems in India: (1) Substance Abuse – Impact on Youth and Challenges for the Future (2) HIV/AIDS – Awareness, Prevention, Treatment and Services (3) Problems of the Elderly – Causes, Implications and Response (4) Issue of Child Labour – Magnitude, Causes, Effects and Response (5) Child Abuse – Effects and Ways to Prevent (6) Trafficking of Women – Causes, Effects and Response

Paper Pattern:	
Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (6/8 Questions)	
	17   D o c o

### 5. BCCMCC105T – Business Mathematics & Statistics – I

Class:	F.Y.B,Com.		
Semester:	Semester – I		
Subject Code:	BCCMCC105T		
Course Title:	Business Mathematics and Statistics – I		
Course Objectives:	To introduce Mathematics and Statistics to undergraduate students of		
	Commerce stream so that they can use them in the field of commerce and		
	industry to solve the real life problems.		
Learning Objectives	• Students will learn to use Mathematics and Statistics in business world as		
	well as day to day life.		
	• Students will be familiarized with some of the investment avenues like		
	shares and mutual funds.		
	Students will develop decision making skills as per situation based on		
	probability and risk factors.		
Committee:	Dr. N. S. Pandharikar (Head Department of Mathematics and Statistics)		
	• Dr. S. S. Dhure (Member)		
	• Smt. V. S. Yeole (Member)		
	Dr. Sunil Singh(Member)		
Total Credits:	3		
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)		
Total Lectures:	45		

### **Business Mathematics & Statistics – I**

### **Course Contents:**

I     Shares and Mutual Funds     11       1.1 Shares: Concept of Share, Face Value, Market Value, Dividend, Equity Shares, Preferential Shares, Bonus Shares. Simple Examples.     11       1.2 Mutual Funds: Simple problems on calculation of net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)     12       II     Permutation and Combination and Linear Programming Problem     12       2.1 Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple Examples, combination as selection, Simple Examples, Relation between "Cr and "Pr Examples on commercial application of permutation and combination.       2.2 Linear Programming Problem: Sketching of graphs of (i) linear equation Ax + By + C = 0 (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems using graphical method up to two variables.       III     Summarization Measures:     11       III     Summarization Measures:     11       III     Summarization Measures:     11       III     Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.       3.2 Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base ye	Module	Description	No. of
I         Shares and Mutual Funds         11           1.1 Shares: Concept of Share, Face Value, Market Value, Dividend, Equity Shares, Preferential Shares, Bonus Shares. Simple Examples.         1.2 Mutual Funds: Simple problems on calculation of net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)         12           II         Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple Examples, combination as selection, Simple Examples, Relation between "Cr and "Pr Examples on commercial application of permutation and combination.         2.2 Linear Programming Problem: Sketching of graphs of (i) linear equation Ax + By + C = 0 (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems using graphical method up to two variables.         11           III         Summarization Measures and Index Numbers         11           III.         Summarization Measures:         11           III.         Summarizat			Lectures
1.1 Shares: Concept of Share, Face Value, Market Value, Dividend, Equity Shares, Preferential Shares, Bonus Shares. Simple Examples.         1.2 Mutual Funds: Simple problems on calculation of net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load. Averaging of price under the Systematic Investment Plan (S.I.P.)         II       Permutation and Combination and Linear Programming Problem       12         2.1 Permutation and Combination: Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple Examples, combination as selection, Simple Examples, Relation between "Cr and "Pr Examples on commercial application of permutation and combination.         2.2 Linear Programming Problem: Sketching of graphs of (i) linear equation Ax + By + C = 0 (ii) linear inequalities. Mathematical Formulation of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems upto 3 variables. Solution of Linear Programming Problems upto 3 variables. Solution of Average, Types of Averages: Arithmetic Mean, Median, and Mode for grouped as well as ungrouped data. Quartiles, Deciles and Percentiles. Using Ogive locate median and Quartiles. Using Histogram locate mode. Combined and Weighted mean.         • Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.         3.2 Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nus. Shifting of Base year. Cost of Living Index Numbers, Concept of Real In		Shares and Mutual Funds	11
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<ul> <li>Measures of Dispersions: Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, Combined Variance.</li> <li>3.2 Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)</li> <li>IV Elementary Probability Theory and Decision Theory</li> <li>11</li> <li>4.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition</li> </ul>		Weighted mean.	
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Deviation, Variance, Combined Variance.3.2 Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		measures Range, Quartile Deviation, Mean Deviation, Standard	
3.2 Index Numbers: Concept and usage of Index numbers, Types of Index numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)         IV       Elementary Probability Theory and Decision Theory       11         4.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		Deviation, Variance, Combined Variance.	
Numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's, Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)11IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		3.2 Index Numbers: Concept and usage of Index numbers, Types of Index	
Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)11IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		numbers, Aggregate and Relative Index Numbers, Lasperye's, Paasche's,	
Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)11IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		Dorbisch-Bowley's, Marshall-Edgeworth and Fisher's ideal index numbers,	
Base Index Nos. Shifting of Base year. Cost of Living Index Numbers, Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)11IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain	
Concept of Real Income, Concept of Wholesale Price Index Number. (Examples on missing values should not be taken)11IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		Base Index Nos. Shifting of Base year. Cost of Living Index Numbers,	
IVElementary Probability Theory and Decision Theory114.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		Concept of Real Income, Concept of Wholesale Price Index Number.	
IV         Elementary Probability Theory and Decision Theory         11           4.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		(Examples on missing values should not be taken)	
4.1 Probability Theory : Concept of random experiment/trial and possible outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition	IV	Elementary Probability Theory and Decision Theory	11
outcomes; Sample Space and Discrete Sample Space; Events their types, Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		4.1 Probability Theory : Concept of random experiment/trial and possible	
Algebra of Events, Mutually Exclusive and Exhaustive Events, Complimentary events. Classical definition of Probability, Addition		outcomes; Sample Space and Discrete Sample Space; Events their types,	
Complimentary events. Classical definition of Probability, Addition		Algebra of Events, Mutually Exclusive and Exhaustive Events,	
		Complimentary events. Classical definition of Probability, Addition	
theorem (without proof), conditional probability. Independence of Events.		theorem (without proof), conditional probability. Independence of Events.	
Simple examples.		Simple examples.	

4.2 Decision Theory : Decision making situation, Decision maker, Courses of
Action, States of Nature, Pay-off and Pay-off matrix; Decision making
under uncertainty, Maximin, Maximax, Minimax regret and Laplace
criteria; simple examples to find optimum decision. Formulation of Payoff
Matrix. Decision making under Risk, Expected Monetary Value (EMV);
Decision Tree; Simple Examples based on EMV. Expected Opportunity
Loss (EOL), simple examples based on EOL.

### **Suggested References:**

- (1) Mathematics for Economics and Finance Methods and Modelling by Martin Anthony and Norman Biggs, Cambridge University Press, 2000, Chapters 1, 2, 4, 6 to 9 & 10.
- (2) Applied Calculus: By Stephen Waner and Steven Constenoble, Brooks/Cole Thomson Learning, second edition, Chapter 1 to 5.
- (3) Business Mathematics By D. C. Sancheti and V. K. Kapoor, Sultan Chand & Sons, 2006, Chapter 1, 5, 7, 9 &10.
- (4) Mathematics for Business Economics: By J. D. Gupta, P. K. Gupta and Man Mohan, Tata Mc-Graw Hill Publishing Co. Ltd., 1987, Chapters 9 to 11 & 16.
- (5) Quantitative Methods-Part-I by S. Saha and S. Mukerji, New Central Book Agency, 1996, Chapters 7 & 12.
- (6) Mathematical Basis of Life Insurance By S.P. Dixit, C.S. Modi and R.V. Joshi, Insurance Institute of India, Chapters 2: units 2.6, 2.9, 2.20 & 2.21.
- (7) Securities Laws & Regulation of Financial Market: Intermediate Course Paper 8, Institute of Company Secretaries of India, Chapter 11.
- (8) Investments By J.C. Francis & R.W. Taylor, Schaum's Outlines, Tata Mc-Graw Hill Edition 2000, Chapters 2,4 & section 25.1.
- (9) Indian Mutual Funds Handbook: By SundarShankaran, Vision Books, 2006, Sections 1.7, 1.8.1, 6.5 & Annexure 1.1 to 1.3.

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. N. S. Pandharikar	Chairperson
Dr. S. S. Dhure	Member
Smt. V. S. Yeole	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Tutorials will be conducted every week in a batch of 20-25 students.

#### Suggested List of Tutorials for Semester – I:

- (1) Problems based on Face Value, Market Price, Brokerage, Dividend, Rate of return, Bonus Shares.
- (2) Problems based on NAV, Entry Load, Exit Load, Dividend and SIP.
- (3) Examples based on Factorial Notation, Fundamental Principle of Counting, Permutation and Combination.
- (4) Examples on Commercial Application of Permutation and Combination.
- (5) Formulation of LPP and solving LPP by graphical method.
- (6) Calculations of Mean, Mode, Median, Quartiles Deciles and Percentiles for simple and frequency data (ungrouped and ungrouped),combined mean.
- (7) Calculation of Range, Quartile Deviation, Mean Deviation and Standard Deviation, Variance.
- (8) Calculation of Index Number by i) Aggregative Method (weighted and unweighted) ii) Price Relative Method (weighted and unweighted) iii) Lasperye's I.N. iv) Paasche's I.N. v) Dorbish -Bowley's I.N. vi) Marshall-Edgeworth I.N. vii) Fisher's I.N. viii) Chain base I.N. ix) Cost of Living I.N.
- (9) Problems based on probability, addition theorem, independent events.
- (10) Decision making under uncertainty(using Maximin, Maximax, Minimax Regret, Laplace criterion. Decision making under Risk: calculation of Expected Monetary value, Drawing Decision tree and finding optimum decision.

### Paper Pattern:

Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out of 8)	

### 6. BCCMCC106T – Communicative English – I

Class:	F.Y.B.Com.	
Semester:	Semester – I	
Subject Code:	BCCMCC106T	
Course Title:	Communicative English – I	
Course Objectives:	To acquaint the students with the communicative skills.	
	• To enhance their proficiency in English for their personal and professional lives.	
Learning Outcomes:	• Learner will be well trained to use English in formal and informal situations.	
	<ul> <li>Learner will develop efficiency in written and spoken English skills.</li> </ul>	
Committee:	Shri Mahendra Telgote	
Total Credits:	3	
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)	
Total Lectures:	45	

### **Communicative English – I**

### **Course Contents:**

Module	Description	No. of
		Lectures
I	Basic Grammar for Communicative English	11
	1.1 Articles, Prepositions, Conjunctions	
	1.2 Nouns, Pronouns	
	1.3 Verbs	
	1.4 Adjectives, Adverbs	
	1.5 Tenses	
	1.6 Word formation	
I	Thematic Concern/Critical Appreciation	11
	Following literary pieces to be studied for thematic concerns and to acquaint	
	students with the style of English prose masters.	
	2.1 Of Studies – Francis Bacon.	
	2.2 The Spectator Club – Richard Steele.	
	2.3 On Saying Please – A.G. Gardiner.	
	2.4 Selected Snobberies – Aldous Huxley.	
	(Note: <u>'Of Studies' and 'The Spectator Club' to be tested in exam</u> and the rest	
	to be discussed in the classroom)	
III	Listening Skills	11
	(Students should be made to listen extracts, situations, directions, poems,	
	speeches, musical lyrics, film dialogues, commentary etc.)	
	2.1 Introduction	
	2.2 Difference between Hearing and Listening	
	2.3 Process of Listening – Hearing, Understanding, Remembering, Evaluating	
	and Responding.	
	2.4 Types of Listening – Active, Casual, Appreciative, Critical, Judgmental,	
	Discriminative, Evaluative, Biased, Empathetic	
	2.5 Barriers to Listening – Environmental, Psychological, Cultural, Different	
	Pronunciation, Fake Listening	
	2.6 Responsibility of listener – Be active, Be responsive, be motivating, Be	
	interested Face speaker and Know purpose	10
IV	Forms of Communication and Writing Skills	12
	4.1 Forms of Communication	
	• Monologue	
	Dialogue	
	Announcement	
	Anchoring	
	Declaration	
	Hosting debate on TV	
	Talk of RJ	
	Press Conference	
		23   P a g e

Γ	4.2 Writing Skills	
	Job Application Letter and Resume	
	Statement of Purpose	
	Job Acceptance Letter	
	Drafting Email	
	Précis Writing	

### **Suggested References:**

- (1) Text : Pleasures of English Prose compiled and edited by N M Nigam, Macmillan India Limited, 2001
- (2) A University Grammar of English, Randolph Quirk and Sydney Greenbaum, Pearson 2016
- (3) Successful public speaking , Arina Nikitina, bookboon.com
- (4) https://web.mit.edu/course/21/21.guide/docutyp.htm

#### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

#### **Board of Examinations:**

Name	Designation
Shri Mahendra Telgote	Chairperson

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

#### **Internal Assessment:**

Continuous Internal Assessment (CIA) – To be conducted in tutorials.

- (1) Listening Speeches/ Extracts/News
- (2) Reading Dialogues/Lyrics
- (3) Language Games
- (4) Book, Show Review
- (5) Situational Conversation
- (6) Introducing Others
- (7) Mock Interview

#### **Paper Pattern:**

#### Total Marks: 60 Marks

#### N.B.

- (1) All questions are compulsory.
- (2) Figures to the right indicate full marks.

Duration: 2 Hrs.

Q.1 Answer ANY TWO of the following: Three Questions based on Module I	12 Marks
Q.2 Answer ANY TWO of the following: Three Questions based on Module II	12 Marks
Q.3 Answer ANY TWO of the following: Three Questions based on Module III	12 Marks
Q.4 Answer ANY TWO of the following: Three Questions based on Module IV	12 Marks
Q.5 Objective Questions OR Concepts: Multiple Choice Questions, True of False, Match the Column OR Explain the following concepts: (ANY 6 out of 8)	12 Marks

# **Ability Enhancement Compulsory Course (AE)**

### 7. BCCMAC101T – Environmental Science

Class:	F.Y.B.Com.		
Semester:	Semester – I		
Subject Code:	BCCMAC101T		
Course Title:	Invironmental Science		
Course Objectives:	• To make students learn how life on Earth has survived and thrived.		
	• To understand how humans interact with the environment, and find ways to		
	deal with environmental problems and live more sustainably.		
	<ul> <li>To develop a world in which persons are aware of and concerned</li> </ul>		
	about environment and the problems associated with it, and committed to		
	work individually as well as collectively towards solutions of current		
	problems and prevention of future problems.		
Learning Outcomes:	• Learner will be able to understand how life on the Earth has survived and		
	thrives.		
	• Learner will be able to interaction between humans and their environment		
	and means of sustainable co-existence.		
	• Learner will develop concern for environment and will prepare him to solve		
	environment problems individually and collectively.		
Committee:	Dr. Khushpat S. Jain		
	Dr. Radhika Iyer		
	Dr. S.M. Hasan		
	Dr. Jharna Karla		
Total Credits:	2		
Total Marks:	50 (Theory – 40 Marks and Internal – 10 Marks)		
Total Lectures:	30		

### **Environmental Science**

### **Course Contents:**

Module	Description			
		Lectures		
I	Introduction to Environmental Science			
	1.1 Definition, Scope and Importance, Need for Public Awareness, Institutions			
	in Environment, People in Environment			
	1.2 Natural Resources: Renewable and Non-renewable Resources. Natural			
	Resources and Associated Problems, Role of an Individual in the			
	Conservation of Natural Resources, Concept of Sustainability and			
	Sustainable Development.			
	1.3 Concept of Ecosystem, Structure and Function of Ecosystem, Producers,			
	Consumers and Decomposers. Energy Flow in an Ecosystem: Food Chain,			
	Food Web and Ecological Succession.			
Π	Biodiversity and Conservation	7		
	2.1 Levels of Biological Diversity: Genetic, Species and Ecosystem Diversity;			
	Biogeographic Zones of India; Biodiversity Patterns and Global Biodiversity			
	Hot Spots			
	2.2 India as a Mega-biodiversity Nation; Endangered and Endemic Species of			
	India, Threats to Biodiversity: Habitat Loss, Poaching of Wildlife, Man-			
	wildlife Conflicts, Biological Invasions; Conservation of Biodiversity.			
Ш	Pollution, its Impact and Environmental Policies and Practices	8		
	3.1 Environmental Pollution: Types, Causes, Effects and Controls; Air, Water,			
	Soil and Noise Pollution.			
	3.2 Climate Change, Global Warming, Ozone Layer Depletion, Acid Rain and			
	impacts on human communities and agriculture.			
	3.3 Nuclear Hazards and Human Health Risks. Solid Waste Management:			
	Control Measures of Urban and Industrial Wastes.			
	3.4 Environment Laws, Nature Reserves, Tribal Populations and Rights.			
IV	Human Communities and Environmental Ethics	8		
	4.1 Human Population Growth: Impacts on Environment, Human Health and			
	Welfare. Resettlement and Rehabilitation of Project affected Persons.			
	4.2 Disaster Management: Floods, Earthquake, Cyclones and Landslides.			
	Environmental Movements: Chipko, Silent Valley, Bishnois of Rajasthan.			
	4.3 Environmental Ethics: Role of Religions and Cultures in Environmental			
	Conservation.			
	(Recent case studies in Indian Context and Global Context should be used)			

### Suggested References:

- 1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
- 2. Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.

- 3. Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge. 4. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
- 4. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
- 5. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36-37.
- 6. McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books. 8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History

### **Evaluation Pattern:**

Internal Examination:	10
External Examination:	40
Total Marks:	50

### **Board of Examinations:**

Name	Designation
Dr. Khushpat S. Jain	Chairperson
Dr. Radhika Iyer	Member
Dr. S.M. Hasan	Member
Dr. Jharna Karla	Member

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – **Project Work, Presentation or Poster Presentation** on the following Ecosystems:

- (a) Forest Ecosystem
- (b) Grassland Ecosystem
- (c) Desert Ecosystem
- (d) Aquatic Ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

### **Paper Pattern:**

Total Marks: 40 Marks	Duration: 1 Hr. 30 Min.		
N.B.			
(1) All questions are compulsory.			
(2) Figures to the right indicate full marks.			
Q.1 Answer ANY ONE of the following:	8 Marks		
TWO Questions based on Module I			

Q.2 Answer ANY ONE of the following: TWO Questions based on Module II	8 Marks
Q.3 Answer ANY ONE of the following: TWO Questions based on Module III	8 Marks
Q.4 Answer ANY ONE of the following: TWO Questions based on Module IV	8 Marks
Q.5 Objective Questions OR Concepts: Multiple Choice Questions, True of False, Match the Column OR Explain the following concepts: (ANV 4 out of 6)	8 Marks
Explain the following concepts: (ANY 4 OUT OF 6)	

# Semester - II

### F.Y.B.Com. (Semester II)

Sr.	Subject Title	Credits	edits Subject Code		valuatior	ı	Worl	kload
No.	Subject file	cicuits	Subject coue	EX.		in Hr		Irs.
A - C	A - Core Courses (CC)			Marks	Marks	Total	PW	PS
1	Commerce – II	3	BCCMCC201T	60	15	75	3	45
2	Financial Accounting – II	3	BCCMCC202T	60	15	75	3	45
3	Business Economics – II	3	BCCMCC203T	60	15	75	3	45
4	Foundation Course – II	3	BCCMCC204T	60	15	75	3	45
5	Business Mathematics & Statistics - II	3	BCCMCC205T	60	15	75	3	45
6	Communicative English – II	3	BCCMCC206T	60	15	75	3	45
B – Ability Enhancement Compulsory Course (AC)								
7	Business Communication	2	BCCMAC201T	40	10	50	2	30
	TOTAL	20		400	100	500	20	300

*PW* = *Per Week*, *PS* = *Per Semester* 

**Note:** For Mathematics and Statistics and Communicative English, there will be 3 Theory Lectures of One Hour duration each and 1 Tutorial of One Hour Duration. Internal Evaluation of 15 Marks for Mathematics and Statistics and Communicative English to be conducted in Tutorials in a batch of 20 Students. Therefore, there will be 6 batches of 20 students per division. (Total Workload = 3 Theory Lecture of 1 Hour each + 1 Tutorial of 1 Hour each for 6 Batches per Division = 3 Hours + 6 Hours = 9 Hours Per Division Per Week)

### 1. BCCMCC201T – Commerce – II

Class:	F.Y.B.Com.		
Semester:	Semester – II		
Subject Code:	BCCMCC201T		
Course Title:	Principles of Management		
Course Objectives:	• To familiarize students with various developments in management field.		
	<ul> <li>To develop necessary managerial skills and aptitude among students.</li> </ul>		
Learning Outcomes:	Learner will be able to understand developments in the management fields		
	over a period of time.		
	Learner will be able to understand and develop necessary skills and aptitude		
	required for a good manager.		
Committee:	Dr. Khushpat S. Jain		
	Dr. Vijay Chawale		
Total Credits:	3		
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)		
Total Lectures:	45		

### Commerce – II

### **Course Contents:**

Module	Description				
		Lectures			
I	Introduction to Management:				
	1.1 Management:				
	Concept, Nature, Functions, Managerial Skills & Competencies				
	1.2 Evolution of Management Thoughts:				
	<ul> <li>Classical Approaches to Management Thoughts – F.W. Taylor's</li> </ul>				
	Contribution, Henry Fayol's Contribution				
	<ul> <li>Neo-classical Approach to Management Thoughts - Elton Mayo's Contribution</li> </ul>				
	<ul> <li>Modern Approach to Management Thoughts: Peter Drucker's</li> </ul>				
	Contribution				
	1.3 Indian Management Thoughts:				
	<ul> <li>Indian Management Thoughts</li> </ul>				
	C.K. Prahlad's Contribution				
	<ul> <li>V.K. Govindrajan's Contribution</li> </ul>				
II	Planning & Decision-making	11			
	2.1 Planning:				
	<ul> <li>Concept, Features, Steps, Importance, Components</li> </ul>				
	2.2 MBO, MBE & MIS:				
	<ul> <li>Management by Objectives – Concept, Process and Advantages</li> </ul>				
	<ul> <li>Management by Exception – Concept, Advantages</li> </ul>				
	<ul> <li>Management Information System – Concept, Components</li> </ul>				
	2.3 Decision-making:				
	• Concept, Essentials of a Sound Decision Making, Techniques, Impact of				
	Technology on Decision Making				
=	Organising:	11			
	3.1 Organising:				
	Concept, Organisation as a Process				
	<ul> <li>Formal v/s Informal Organisation</li> </ul>				
	<ul> <li>Organisation Structures – Line and Staff Organisation, Matrix</li> </ul>				
	Organisation, Virtual Organisation.				
	3.2 Departmentation:				
	<ul> <li>Departmentation – Concept, Bases</li> </ul>				
	<ul> <li>Span of Management – Concept, Factors Influencing Span of</li> </ul>				
	Management, Graicuna's Theory, Tall and Flat Organisation				
	4.1 Delegation of Authority:				
	• Concept, Process, Barriers to Delegation, Principles of Effective Delegation.				
	Decentralisation – Factors Influencing Decentralisation, Centralization				
	v/s Decentralisation				

IV	Directing, Controlling and Co-ordination			
	4.1 Directing:			
	Concept and Components			
	<ul> <li>Motivation – Concept, Types of Motivators, Maslow's Theory, Herzberg's Theory, McGregor's Theory</li> </ul>			
	<ul> <li>Communication – Barriers to effective Communication, Principles of Effective Communication</li> </ul>			
	• Leadership – Concept, Functions, Styles, Qualities of a Good Leader.			
	4.2 Controlling:			
	<ul> <li>Concept, Process, Essentials of Good Control System, Techniques of Controlling</li> </ul>			
	4.3 Co-ordination:			
	<ul> <li>Concept, Co-ordination as Essence of Management</li> </ul>			

### **Suggested References:**

- (1) Management Today Principles & Practice Gene Burton, Manab Thakur, Tata McGraw- Hill Publishing Co. Ltd.
- (2) Management James A. F. Stoner, Prentice Hall, Inc. U.S.A.
- (3) Management Global Prospective Heinz Weihrich & Harold Koontz, Tata McGraw- Hill, Publishing Co. Ltd.
- (4) Essential of Database Management Systems Alexis Leon and Mathews Leon, Imprints Pvt. Ltd.
- (5) Management, Peter Drucker, Willian Heinemann Ltd.

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Khushpat S. Jain	Chairperson
Dr. Vijay Chawale	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

#### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Class Test, Group Project, Group Discussion, Presentations, Debates/Quiz, Field Survey (Report) and Poster Presentation.

### **Paper Pattern:**

Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out of 8)	

# 2. BCCMCC202T – Financial Accounting – II

Class:	F.Y.B.Com.
Semester:	Semester – II
Subject Code:	BCCMCC202T
Course Title:	Financial Accounting – II
Course Objectives:	<ul> <li>To develop analytical abilities of students by training them in preparing accounts from incomplete records.</li> <li>To familiarize students with the concept of accounting for Hire Purchase and Departmental Final Accounts.</li> <li>To train students regarding the various valuation concepts required in day today business. To introduce students to finalization of incomplete records.</li> </ul>
Learning Objectives	<ul> <li>Learner will develop the analytical ability for preparing accounts from incomplete records.</li> <li>Learner will familiarize the concept of accounting for Hire Purchase and Departmental Final Accounts.</li> <li>Learner will be able understand various valuation concepts required in day today business.</li> </ul>
Committee:	Dr. Saumitra Sawant Smt. Smita Kuntey
Total Credits:	3
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)
Total Lectures:	45

### Financial Accounting – II

Module	Description	No. of
		Lectures
I	Accounting from Incomplete Records	11
	(a) Introduction	
	(b) Problems on Preparation of Final Accounts of Proprietary Trading Concern	
	(Conversion Method)	
Ш	Accounting for Hire Purchase	11
	(a) Meaning	
	(b) Calculation of Interest	
	(c) Accounting for Hire Purchase Transactions by Asset Purchase Method	
	Based on Full Cash Price	
	(d) Journal Entries, Ledger Accounts and Disclosure in Balance Sheet for Hirer	
	and Vendor (Excluding Default, Repossession and Calculation of Cash	
	Price)	
III	Departmental Final Accounts	11
	Classification of Income, Expenditure and Receipts on the basis of:	
	(a) Meaning	
	(b) Basis of Allocation of Expenses and Incomes / Receipts	
	(c) Inter Departmental Transfer: At Cost Price and Invoice Price	
	(d) Stock Reserve	
	(e) Departmental Trading and Profit and Loss Account and Balance Sheet	
IV	Valuation of Goodwill and Shares	12
	(a) Valuation of Goodwill	
	Maintainable Profit method	
	Super Profit Method	
	Capitalization method	
	Annuity Method	
	(b) Valuation of Shares	
	Intrinsic Value Method	
	Yield method	
	Fair Value Method	

### **Suggested References:**

- (1) Accounting Principles by R.N. Anthony and J.S. Reece, Richard Irwin, Inc
- (2) Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- (3) Introduction to Financial Accounting by Horngren, Pearson Publications, New Delhi
- (4) Financial Accounting by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- (5) Financial Accounting a Managerial Perspective, Varadraj B. Bapat, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- (6) Principles and Practice of Accounting by The Institute of Chartered Accountants of India, New Delhi

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Saumitra Sawant	Chairperson
Smt. Smita Kuntey	Member

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) - Class Test, Group Project, Group Discussion, Presentations.

Paper Pattern:	
Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module I	
Q.2 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module II	
Q.3 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module III	
Q.4 Answer ANY ONE of the following:	12 Marks
Two Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
Explain the following concepts: (Any 6 out of 8)	

### 3. BCCMCC203T – Business Economics – II

Class:	F.Y.B.Com.	
Semester:	Semester – II	
Subject Code:	BCCMCC203T	
Course Title:	Business Economics – II	
Course Objectives:	To make student understand the concept of Business Economics	
	To make the student understand the important content of Micro Economics	
	• To make student understand the topics of perfect competition, monopoly as	
	extremes of economic structure.	
Learning Objectives	Learner will understand the broader issues of Micro Economics	
	Learner will be able to understand application of Micro Economics in	
	problem solving.	
Committee:	Dr. Riteshkumar Singhal (Head, Department of Business Economics)	
	Dr. Anil R. Chougule (Member)	
	Shri Rajendra Mali (Member)	
Total Credits:	3	
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)	
Total Lectures:	45	

### **Business Economics – II**

### **Course Contents:**

Module	Description	No. of
		Lectures
I.	Market Structure: Perfect Competition and Monopoly	10
	Perfect Competition:	
	Perfect Competition and Monopoly Models as two extreme cases – Profit	
	Maximisation and the Competitive Firm's Supply Curve – Short-run and Long-	
	run Equilibrium of a Firm and of Industry	
	Monopoly:	
	Monopoly, Sources of Monopoly Power, Short-run and Long-run Equilibrium	
	of a Firm under Monopoly	
	Case Study Solving	
I	Pricing and Output Decisions under Imperfect Competition	15
	Monopolistic Competition:	
	Competitive and Monopolistic elements of monopolistic competition,	
	Equilibrium of firm under monopolistic competitions, monopolistic verses	
	perfect competition, excess capacity and inefficiency, debate over role of	
	advertising (topics to be taught using case studies from real life examples)	
	Oligopolistic Market:	
	Key attributes of oligopoly- Collusive and non-collusive oligopoly market, Price	
	rigidity, Cartels and Price Leadership Models (with practical examples)	
	Case Study Solving	
Ш	Pricing Practices	10
	Cost-oriented Pricing Methods: Cost–plus (Full Cost)/Mark-up Pricing,	
	Marginal Cost Pricing, Mark-up Pricing, Discriminating Pricing, Multiple-	
	product Pricing, Transfer Pricing (Case studies on how pricing methods are	
	used in business world)	
IV	Evaluating Capital Projects	10
	Meaning and Importance of Capital Budgeting, Steps in Capital Budgeting,	
	Techniques of Investment Appraisal: Payback Period Method, Net Present	
	Value Method and Internal Rate of Return Method (with numerical	
	examples), Case Study Solving	

### **Suggested References:**

- (1) Mehta, P.L.: Managerial Economics Analysis, Problem & Cases, S. Chand & Sons, Delhi, 2000
- (2) Hirchey .M., Managerial Economics, Thomson South Western (2003)
- (3) Salvatore, D., Managerial Economics in a Global Economy, Thomson South Western (2001)
- (4) Frank R.H, Bernanke. B.S., Principles of Economics (Tata McGraw Hill (ed.3)
- (5) Gregory Mankiw., Principles of Economics, Thomson South Western, 2002
- (6) Samuelson & Nordhas.: Economics (Tata McGraw Hills, New Delhi, 2002)
- (7) Pal Sumitra, Managerial Economics Cases and Concepts (Macmillan, New Delhi, 2004)

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Riteshkumar Singhal	Chairperson
Dr. Anil R. Chougule	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Class Test, Group Project, Group Discussion, Presentations, Debates/Quiz, Field Survey (Report) and Poster Presentation.

### **Paper Pattern:** Total Marks: 60 Marks Duration: 2 Hrs. N.B. (1) All questions are compulsory. (2) Figures to the right indicate full marks. Q.1 Answer ANY TWO of the following: 12 Marks Three Questions based on Module I Q.2 Answer ANY TWO of the following: 12 Marks Three Questions based on Module II Q.3 Answer ANY TWO of the following: 12 Marks Three Questions based on Module III Q.4 Answer ANY TWO of the following: 12 Marks Three Questions based on Module IV **Q.5 Objective Questions OR Concepts:** 12 Marks Multiple Choice Questions, True of False, Match the Column OR Explain the following concepts: (Any 6 out of 8)

### 4. BCCMCC204T – Foundation Course – II

Class:	F.Y.B,Com.	
Semester:	Semester – II	
Subject Code:	BCCMCC204T	
Course Title:	Foundation Course – II	
Course Objectives:	To understand the concept of globalization.	
	To create awareness about ecology.	
	To understand the issue of stress and conflict.	
Learning Objectives	Learner will be able to understand the impact of globalization on India.	
	Learner will be able understand the importance of ecology and management	
	of stress and conflict.	
Committee:	Dr. Riteshkumar Singhal (Head, Department of Business Economics)	
	Dr. Anil R. Chougule (Member)	
	Shri Rajendra Mali (Member)	
Total Credits:	3	
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)	
Total Lectures:	45	

### Foundation Course – II

### **Course Contents:**

Module	Description	No. of
		Lectures
I	Globalisation and Indian Society	07
	1.1 Understanding the Concepts of liberalisation, Privatization and	
	Globalisation	
	1.2 Growth of Information Technology and Communication and its impact	
	manifested in everyday life	
	1.3 Impact of Globalization on industry, Changes in employment and	
	increasing migration	
	1.4 Changes in agrarian sector due to globalization, Rise in corporate	
	farming and increase in farmers' suicides	
I	Human Rights	10
	2.1 Concept of Human Rights – Origin and evolution of the concept	
	2.2 The Universal Declaration of Human Rights; Human Rights constituents	
	with special reference to Fundamental Rights stated in the Constitution	
III	Ecology	10
	3.1 Importance of Environment Studies in the current developmental context	
	3.2 Understanding the concepts of Environment and Ecology their inter-linkages	
	3.3 Environment as natural capital and connection to quality of human life	
	3.4 Environmental Degradation – Causes and impact on human life	
	3.5 Sustainable development – Concept and components	
	3.6 Poverty and environment	
IV	Understanding and Managing Stress and Conflict:	18
	4.1 Causes of stress and conflict in individuals and society	
	4.2 Agents of socialization and role played by them in developing the individual	
	4.3 Significance of values, ethics and prejudices in developing the individual	
	4.4 Stereotyping and prejudice as significant factors causing conflicts in society	
	4.5 Aggression and violence as the public expression of conflict.	
	4.6 Types of conflicts and coping mechanisms for managing individual stress	
	4.7 Maslow's theory of self-actualisation	
	4.8 Different methods of responding to conflicts in society	
	4.9 Conflict-resolution and efforts towards building peace and harmony in society	

### **Suggested References:**

- (1) Combating communalism in India: Key to National Integration, Kawal Kishor Bhardwaj, Mittal Pub
- (2) Faces of Feminine in Ancient, Medieval and Modern India, Mandakranta Bose, Oxford University Press
- (3) Urbanization in India: Challenges and Opportunities, I.J. Ahluwalia and Others, SAGE Pub (2014)
- (4) Problems of Communalism in India, Ravindra Kumar Mittal Pub
- (5) Rural, Urban Migration: Trends, challenges & Strategies, S Rajagopalan, ICFAI- 2012
- (6) Social and Economic Problems in India, Naseem Azad, R Gupta Pub (2011)
- (7) Social Problems in India, Ram Ahuja, Rawat Pub (2014)

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. Riteshkumar Singhal	Chairperson
Dr. Anil R. Chougule	Member
Shri Rajendra Mali	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Project Work on ONE of the following topics:

(1) Increasing Urbanisation, Problems of Housing, Health and Sanitation, (2) Changing Lifestyles and Impact on Culture in a Globalised World (3) Farmers' Suicides and Agrarian Distress (4) Debate regarding Genetically Modified Crops (5) Development Projects and Human Rights Violations (6) Increasing Crime/Suicides among Youth

Paper Pattern:	
Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out 8)	
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### 5. BCCMCC205T – Business Mathematics & Statistics – II

Class:	F.Y.B,Com.		
Semester:	Semester – II		
Subject Code:	BCCMCC205T		
Course Title:	Business Mathematics and Statistics – II		
Course Objectives:	To introduce Mathematics and Statistics to undergraduate students of		
	Commerce stream so that they can use them in the field of commerce and		
	industry to solve the real life problems.		
Learning Objectives	• Students will learn to use Mathematics and Statistics in business world as		
	well as day to day life.		
	• Students will be familiarized with some of the concepts in investment like		
	interest and annuity.		
	• Students will develop decision making skills as per situation based on		
	probability and risk factors.		
Committee:	Dr. N. S. Pandharikar (Head Department of Mathematics and Statistics)		
	Dr. S. S. Dhure (Member)		
	Smt. V. S. Yeole (Member)		
	Dr. Sunil Singh(Member)		
Total Credits:	3		
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)		
Total Lectures:	45		

### **Business Mathematics & Statistics – II**

### **Course Contents:**

Module	Description	No. of
		Lectures
l l	Functions, Derivatives and Their Applications	11
	1.1 Concept of Real Functions: constant function, linear function, x <sup>n</sup> , e <sup>x</sup> , a <sup>x</sup> , log	
	x. Demand, Supply, Total Revenue, Average Revenue, Total cost, Average	
	cost and Profit function. Equilibrium Point, Break-even point.	
	1.2 Derivative of Functions:	
	<ul> <li>Derivative as rate measure, Derivative of x<sup>n</sup>, e<sup>x</sup>, a<sup>x</sup>, log x.</li> </ul>	
	Rules of derivatives: Scalar multiplication, sum, difference, product,	
	quotient (Statements only), Simple problems. Second order derivatives	
	• Applications: Marginal Cost, Marginal Revenue, Elasticity of Demand.	
	Maxima and Minima for functions in Economics and Commerce.	
	(Examination Questions on this unit should be application oriented	
	only.)	
Ш	Interest and Annuity	11
	2.1 Interest: Simple Interest, Compound Interest (Nominal & Effective Rate	
	of Interest). Calculations involving up to 4 time periods.	
	2.2 Annuity: Annuity Immediate and its Present value, Future value. Equated	
	Monthly Installments (EMI) using reducing balance method & amortization	
	of loans. Stated Annual Rate & Affective Annual Rate Perpetuity and its	
	present value. Simple problems involving up to 4 time periods.	
III	Bivariate Linear Correlation and Regression and Time Series	11
	3.1 Correlation Analysis: Meaning, Types of Correlation, Determination of	
	Correlation: Scatter diagram, Karl Pearson's method of Correlation	
	Coefficient (excluding Bivariate Frequency Distribution Table) and	
	Spearman's Rank Correlation Coefficient.	
	3.2 Regression Analysis: Meaning, Concept of Regression equations, Slope of	
	the Regression Line and its interpretation. Regression Coefficients	
	(excluding Bivariate Frequency Distribution Table), Relationship between	
	Coefficient of Correlation and Regression Coefficients , Finding the	
	equations of Regression lines by method of Least Squares.	
	3.3 Time Series: Concepts and components of a time series. Representation	
	of trend by Freehand Curve Method, Estimation of Trend using Moving	
	Average Method and Least Squares Method (Linear Trend only ).	
	Estimation of Seasonal Component using Simple Arithmetic Mean for	
	Additive Model only (For Trend free data only). Concept of Forecasting	
	using Least Squares Method.	
IV	Random Variable and Probability Distributions	12
	4.1 Random Variable: Probability distribution of a discrete random variable;	
	Expectation and Variance of random variable, simple examples on	
	probability distributions.	

4.2 Probability Distributions:	
Discrete Probability Distribution: Binomial, Poisson (Properties and	
applications only, no derivations are expected)	
Continuous Probability Distribution: Normal Distribution. (Properties	
and applications only, no derivations are expected)	

### **Suggested References:**

- (1) Modern Business Statistics (Revised) -B. Pearles & C. Sullivan Prentice Hall of India.
- (2) Business Mathematics & Statistics : B Aggarwal, Ane Book Pvt. Limited
- (3) Fundamentals of Statistics D. N. Elhance.
- (4) Statistical Methods S.G. Gupta (S. Chand & Co.
- (5) Statistics for Management Lovin R. Rubin D.S. (Prentice Hall of India)
- (6) Statistics Theory, Method & Applications D.S.Sancheti & V. K. Kapoor.
- (7) Business Mathematics : D C Sancheti& V K Kapoor, Sultan Chand & Sons
- (8) Business Mathematics : A P Verma, Asian Books Pvt. Limited.

#### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Dr. N. S. Pandharikar	Chairperson
Dr. S. S. Dhure	Member
Smt. V. S. Yeole	Member

Chairperson of Board of Examination will co-opt other members of the Board of Examination.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – Tutorials will be conducted every week in a batch of 20-25 students.

### Suggested List of Tutorials for Semester – I:

- (1) Evaluating value of function, examples on Demand, Supply, Total Revenue, Average Revenue, Total cost, Average cost and Profit function. Equilibrium Point, Break-even point.
- (2) Problems based on Rules of derivatives: Scalar multiplication, sum, difference, product, quotient rule.
- (3) Examples on applications of derivatives.
- (4) Examples on Simple Interest, Compound Interest

- (5) Examples of Annuity Immediate and its Present value, Future value. Equated Monthly Installments (EMI)
- (6) Calculation of Karl Pearson's Correlation coefficient and Spearman's Rank Correlation Coefficient
- (7) Fitting of regression lines and solving problems based on it.
- (8) Estimation of trend by i) Moving Average method. ii) Least square method
- (9) Problems on random variable and probability distribution, expectation and variance.
- (10) Problems on Binomial distribution, Poisson distribution and Normal distribution

#### **Paper Pattern:**

Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	
Q.3 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module III	
Q.4 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	12 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 6 out of 8)	

### 6. BCCMCC206T – Communicative English – II

Class:	F.Y.B.Com.
Semester:	Semester – II
Subject Code:	BCCMCC206T
Course Title:	Communicative English – II
Course Objectives:	<ul> <li>To acquaint the students with the communicative skills.</li> </ul>
	• To enhance their proficiency in English for their personal and professional lives.
Learning Outcomes:	• Learner will be well trained to use English in formal and informal situations.
	<ul> <li>Learner will develop efficiency in written and spoken English skills.</li> </ul>
Committee:	Shri Mahendra Telgote
Total Credits:	3
Total Marks:	75 (Theory – 60 Marks and Internal – 15 Marks)
Total Lectures:	45

### **Communicative English – II**

### **Course Contents:**

Module	Description	No. of
		Lectures
I	Basic Grammar for Communicative English	11
	1.1 Voice	
	1.2 Question Tags	
	1.3 Antonyms, Synonyms	
	1.4 Accurate grammatical usage	
	1.5 Phrasal verbs and Idioms	
	1.6 One word substitute	
I	Thematic Concern/Critical Appreciation	11
	Following short stories to be studied for thematic concerns and to acquaint	
	students with the mastery of the story tellers.	
	2.1 The Gifts – O' Henry	
	2.2 The Post Master – Rabindranath Tagore	
	2.3 Araby – James Joyce	
	2.4 The Open Window – H.H. Munro	
	(Note : <u>'The Gifts' and 'The Post master' to be tested in exam</u> and the rest to	
	be discussed in the classroom)	
Ш	Internet and Communication	11
	3.1 Social media: language, nature, advantages and disadvantages	
	3.2 Blogs – Language, Types	
	3.3 Essentials for preserving beauty of language in e-communication	
	3.4 Use of emoji and emotions in e-communication	
	3.5 Online Communication and miscommunication	
IV	Situational Conversation and Writing Skills	12
	4.1 Situational Conversation	
	• Students are given situations for interaction with one another. Students	
	have to draft conversation of the individuals in a given situation, some	
	are as -	
	• At canteen, At café, At playground, At railway station, At ticket counter,	
	At hospital, At theatre, At art gallery, At hill station etc.	
	4.2 Writing skills	
	<ul> <li>Letters to the Editor and Social Appeals</li> </ul>	
	Congratulations Letter	
	Blog Writing	
	Drafting Post for Social Media	
	Completion of Story	

### **Suggested References:**

- (1) The East and the West, An anthology of short stories, N.Mukerji, S,Chand,2003
- (2) A University Grammar of English , Randolph Quirk and Sydney Greenbaum, Pearson, 2016

- (3) Better English pronunciation, J. D. Connor, Cambridge University Press
- (4) A practical English Grammar, A. J. Thomson, A.V. Martinet Oxford University Press
- (5) Introduction to Socio –linguistics, Ronald Wardough
- (6) Writing with a purpose, C. Tickoo and J. Sasikumar, OUP
- (7) Study Listening: Tony Lynch- Cambridge University Press
- (8) Technical writing- Gearson
- (9) Cambridge English for the media- Nick Caramella, Elizabeth Lee-Cambridge University Press

### **Evaluation Pattern:**

Internal Examination:	15
External Examination:	60
Total Marks:	75

### **Board of Examinations:**

Name	Designation
Shri Mahendra Telgote	Chairperson

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) – To be conducted in tutorials.

- (1) Group Discussion
- (2) Seminar Presentation
- (3) Review of Film or Book
- (4) Enacting a Scene from Drama
- (5) Making Requests, Giving Directions
- (6) Telling Gist of the Stories Studied
- (7) Drafting News Story

#### **Paper Pattern:**

Total Marks: 60 Marks	Duration: 2 Hrs.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module I	
Q.2 Answer ANY TWO of the following:	12 Marks
Three Questions based on Module II	

Q.3 Answer ANY TWO of the following: Three Questions based on Module III	12 Marks
Q.4 Answer ANY TWO of the following: Three Questions based on Module IV	12 Marks
<b>Q.5 Objective Questions OR Concepts:</b> Multiple Choice Questions, True of False, Match the Column	12 Marks
OR	
Explain the following concepts: (Any 6 out of 8)	

# **Ability Enhancement Compulsory Course (AE)**

### 7. BCCMAC201T – Business Communication

Class:	F.Y.B.Com.	
Semester:	Semester – II	
Subject Code:	BCCMAC201T	
Course Title:	Business Communication	
Course Objectives:	• To develop awareness about the complexity of the communication process.	
	• To develop effective listening skills in students so as to enable them to	
	comprehend instructions and become a critical listener.	
	To develop effective oral skills so as to enable students to speak confidently	
	interpersonally as well as in large groups.	
	• To develop effective writing skills so as enable students to write in a clear,	
	concise, persuasive and audience centred manner.	
	• To develop ability to communicate effectively with the help of electronic	
	media.	
Learning Outcomes:	• Learner will able to understand the complexities of communication process.	
	<ul> <li>Learner will develop communication, listening and writing skills.</li> </ul>	
	Learner will be able to make effective use of electronic media.	
Committee:	Dr. Khushpat S. Jain	
	Dr. Radhika Iyer	
	Dr. S.M. Hasan	
	Dr. Jharna Karla	
Total Credits:	2	
Total Marks:	50 (Theory – 40 Marks and Internal – 10 Marks)	
Total Lectures:	30	

### **Business Communication**

### **Course Contents:**

Module	Description	No. of
		Lectures
I	Introduction	5
	1.1 Evolution of Communication, Importance of Communication, Process of	
	Communication, Types of Communication (Verbal & Non Verbal), Different	
	Forms of Communication, Grapevine Communication	
	1.2 Barriers to Communication, Causes, Linguistic Barriers, Psychological	
	Barriers, Semantic Barriers, Interpersonal Barriers, Cultural Barriers,	
	Physical Barriers, Organizational Barriers.	
	1.3 Measures to Overcome Barriers to Effective Communication.	
	1.4 Listening: Importance of Listening Skills, Cultivating Good Listening Skills	
П	Business Correspondence	5
	2.1 Fundamental of Business Letter Writing, Formats or Layouts of Business	
	Letters, Types of Business Letter, Inquiry Letter, Complaint Letter	
	Persuasive Letter, Proposal	
	2.2 Report Writing, Components of Report	
	2.3 Conduct of Meeting, Agenda, Notice, Notes, Minutes, Office Memorandum,	
	Office Orders, Press Release	
	2.4 Letters under Right to Information (RTI) Act	
Ш	Trade Letters and PR Presentation	10
	3.1 Inquiry, Order, Credit and Status Enquiry, Complaints, Claims, Adjustments,	
	Collection Letters	
	3.2 Meaning Functions of PR Department, External and Internal Measures of	
	PR	
	3.3 Oral Presentation Importance, Characteristics, Presentation Plan, Power	
	Point Presentation, Visual Aids.	
IV	Technology and Business Communication	10
	4.1 Role, effects and advantages of technology in Business Communication like	
	Email, Text Messaging, Instant Messaging and Modern Techniques like	
	Video conferencing, Social networking and Blogging	
	4.2 Strategic importance of e-communication.	
	4.3 Emerging Trends in Corporate and Business Communication	
	4.4 Effective Use of Social Media for Marketing and Promotion	
	4.5 Effective Use of Power-Point Presentations	

### **Suggested References:**

- 1. Kaul, 2009 Business Communication, 2e, Prentice Hall India
- 2. Lesikar, 2015, Basic Business Communication, 13e, Tata McGraw Hill
- 3. Scot Ober, 2007, Contemporary Business Communication, 7e, Houghton Mifflin
- 4. John M. Penrose, 2003, Business Communication for Managers: An Advanced Approach, 5e, South-Western publishers Amy Newman, 2015, Business Communication, 9e, Pearson

### **Evaluation Pattern:**

Internal Examination:	10
External Examination:	40
Total Marks:	50

### **Board of Examinations:**

Name	Designation
Dr. Khushpat S. Jain	Chairperson
Dr. Radhika Iyer	Member
Dr. S.M. Hasan	Member
Dr. Jharna Karla	Member

Chairperson of Board of Examinations will co-opt other members on the Board.

### **Standard of Passing:**

Minimum Passing Percentage = 40% of the total marks assigned to the Course. There will be separate passing in Internal and External Examinations.

### **Internal Assessment:**

Continuous Internal Assessment (CIA) may consist of Assignment in Preparing Effective Power Point Presentation and Present it in the Class

### Paper Pattern:

Total Marks: 40 Marks	Duration: 1 Hr. 30 Min.
N.B.	
(1) All questions are compulsory.	
(2) Figures to the right indicate full marks.	
Q.1 Answer ANY ONE of the following:	8 Marks
TWO Questions based on Module I	
Q.2 Answer ANY ONE of the following:	8 Marks
TWO Questions based on Module II	
Q.3 Answer ANY ONE of the following:	8 Marks
TWO Questions based on Module III	
Q.4 Answer ANY ONE of the following:	8 Marks
TWO Questions based on Module IV	
Q.5 Objective Questions OR Concepts:	8 Marks
Multiple Choice Questions, True of False, Match the Column	
OR	
Explain the following concepts: (Any 4 out of 6)	