

# **Detailed Course Scheme**

## **Bachelor of Commerce B.Com/B.Com (Hons) with Research**

**Semester-II  
(2025-29)**

DOC202505280006



**RNB GLOBAL UNIVERSITY**

RNB Global City, Ganganagar Road,  
Bikaner, Rajasthan 334601

## **OVERVIEW**

RNB Global University follows Semester System along with Choice Based Credit System as per latest guidelines of University Grants Commission (UGC). Accordingly, each academic year is divided into two semesters, **Odd (July-December) and Even (January-June)**. Also, the university follows a system of continuous evaluation along with regular updating in course curricula and teaching pedagogy.

The curriculum for B. Com (Hons)/B. Com (Hons) with research program for (January-June) Even Semester, along with Examination pattern is as follows:

### **Course Scheme**

#### **Semester-II**

S No.	Course Code	Category	Course Name	L	T	P	Credits
1.	BCHC21150	DSC-4	Macro Economics	3	1	0	4
2.	BCHC21151	DSC-5	Fundamentals of Cost Accounting	3	1	0	4
3.	BCHC22152	DSC-6	Principles of Marketing	3	1	0	4
4.		GE-2a	One from the pool of GE- Group B	2	0	0	2
		GE-2b		0	0	4	2
5.	AECE55001	AEC-2	Study of Ecosystem & Natural Resources (EVS-I)	2	0	0	2
6.	SEC077002	SEC-2	Ability & Skill Enhancement -II	2	0	0	2
7.		VAC-2	One from the pool of VAC- Group B	2	0	0	2
8.	WHNN99000		Workshops/Seminars/Human Values/Social Service/ NCC/NSS	-	-	-	1
				<b>17</b>	<b>3</b>	<b>4</b>	<b>23</b>

### **EVALUATION SCHEME**

The evaluation of the B. Com (Hons.) program would be based on Internal and External Assessments. Internal Assessment would consist of 50% of the marks (50 marks) and external assessment (in form of End Term Exam) would consist of remaining 50% marks (50 marks). Detailed scheme of Internal and External Assessments as follows:

### **Internal Assessment**

The distribution of Internal Assessment Marks is as follows:

Type	Details	Marks
Mid Term	One Mid-term Sessional	25
Quiz	Quiz based on MCQs	5
Marks obtained in various Tests, Assignments, Presentations, Quiz, Tutorials, etc.	Average of marks obtained	15
Academic Performance including Attendance	Eligibility >75% Attendance	5
<b>TOTAL</b>		<b>50</b>

### **External Assessment**

Type	Marks
Theory	50

For subjects having practical components:

Type	Marks
Theory	40
Practical	10

### **EVALUATION SCHEME- WORKSHOPS & SEMINARS AND HUMAN VALUES & SOCIAL SERVICE/NCC/NSS**

1. The evaluation of Workshops & Seminar and Human Values & Social Service/NCC/NSS will be completed from Semester I – Semester VI. It will be evaluated internally by the various Forums & Schools Concerned. The credit for this will be given at the end of each Semester.
2. The students must join club/clubs/Forums with the active participation in different activities of club. The students would be continuously assessed from Semester-I to Semester-IV and credits and marks would be given after the end of each Semester.

## 1. Vision

To create a transformative learning environment that develops ethical global leaders, entrepreneurial thinkers, and strategic decision-makers, empowering students to excel in diverse and dynamic business landscapes.

## 2. Mission

**Ethical Leadership and Integrity-** Nurture ethically responsible leaders with integrity and accountability, equipping them with the skills to excel in global business environments.

**Innovation and Entrepreneurship-** Inculcate creativity, innovation, and entrepreneurial thinking, enabling students to identify opportunities, develop sustainable solutions, and drive positive societal impact.

**Transformative Learning Experience-** Provide a transformative learning experience by integrating academic excellence, industry exposure, and technological proficiency, ensuring students are prepared for the digital and global economy.

**Adaptability and Continuous Learning-** Cultivate adaptability, resilience, and lifelong learning, empowering students to navigate dynamic business landscapes and contribute meaningfully to society.

**Strategic Thinking and Growth-** Equip students with analytical, problem-solving, and strategic decision-making skills, enabling them to drive sustainable business growth and innovation in a competitive global market place.

## 3. Program Educational Objectives (PEO's)

**PEO1:** To develop students to handle issues related to business and solve problems.

**PEO2:** To develop leadership qualities in students to lead a team as well as work as member of team.

**PEO3:** To bridge the gap between theoretical and practical knowledge of the students by adopting innovative teaching pedagogy.

#### **4. Programme Outcomes (PO's):**

After the completion of this program students will be able to:

**PO1: Exhibit** memory of previously learned financial accounting knowledge by correlating facts and terminologies.

**PO2: Conceptualize and solve Business problems**, evaluate a wide range of potential solutions for those problems and arrive at feasible, optimal solutions after considering public health and safety, cultural, societal, and environmental factors in the core areas of expertise at the national and international levels.

**PO3: Understand** the concepts of commerce and computer application operations

**PO4: Demonstrate** ability to understand commerce in multifunctional areas like Banking and Finance, Auditing and taxation, Marketing & Entrepreneurship.

**PO5: Develop** knowledge of the business policies, auditing, finance, and other related areas both at the macro and micro level.

**PO6: Apply** relevant managerial accounting skills with emphasis on application of both quantitative and qualitative knowledge to their future careers.

**PO7: Utilize** domain knowledge of computer programming and implementing the same in E-Commerce sector.

**PO8: Display knowledge and understanding** of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary management research.

**PO9: Communicate** with society at large, regarding complex managerial activities confidently and effectively, such as, environment and sustainability, ethics, and governance.

**PO10: Build** wider societal concerns through extension of professional knowledge to community service and engagement in life-long learning process.

## 5. Program Specific Outcomes (PSO's)

**PSO1:** **Understand** the concept of financial markets and its different products

**PSO2:** **Appraise** the manpower needs of companies in Accounting, Financial analysis, and Management.

**PSO3:** **Design** the accounting system and processes for e-commerce and e-business.

## **6. Course Outcomes: Semester – II**

<b>Course</b>	<b>Course outcomes: - After completion of these courses' students should be able to</b>
BCHC21150 - Macro Economics	<p><b>CO1:</b> Define the basic concepts of Macro Economics &amp; get awareness of Fiscal and monetary policy.</p> <p><b>CO2:</b> Explain the concepts of aggregations and national income and output.</p> <p><b>CO3:</b> Develop the conceptual framework relating to macroeconomic issues like inflation, unemployment, and related measures to overcome the same.</p> <p><b>CO4:</b> Analyse the situations of macroeconomic problems and deriving the solutions to it.</p> <p><b>CO5:</b> Interpret the effects of microeconomic factors on business decision making</p>
BCHC21151 - Fundamentals of Cost Accounting	<p><b>CO1:</b> What is the various business process, analyse operations, production planning.</p> <p><b>CO2:</b> Explain basic concepts used in cost accounting, various methods involved in cost ascertainment and cost accounting bookkeeping systems.</p> <p><b>CO3:</b> Examine the basic cost concepts, allocation and control of various costs and methods of costing.</p> <p><b>CO4:</b> Examine the various methods involved in cost ascertainment, cost accounting and book keeping systems.</p> <p><b>CO5:</b> Estimate the various costs for the purpose of controlling them.</p>
BCHC22152 - Principles of Marketing	<p><b>CO1:</b> Define the basics of principles, importance, tactics, tools, and developments in the field of marketing. With specific emphasis on Marketing Mix i.e. Product, Price, Place &amp; Promotion.</p> <p><b>CO2:</b> Understand Fundamental concepts of marketing &amp; practices from business perspective in the Organization.</p> <p><b>CO3:</b> Apply the various Marketing environmental concepts to compare various opportunities available in various sectors &amp; recite with various concepts related to market, Research, and its utility.</p> <p><b>CO4:</b> Analyze the Important issues Related to success in consumer buying behavioural process vis a vis organizational buying behaviour process &amp; understand mechanism of developing a new product, Market Segmentation etc.</p> <p><b>CO5:</b> Apply the commonly used promotion terms, concepts &amp; tools.</p>
GEC066011 - Computer Applications (From the Pool of GE Group B)	<p><b>CO1:</b> Remember the computer characteristics and generation of computer</p> <p><b>CO2:</b> Understand utility aspects of computers in today's environment.</p> <p><b>CO3:</b> Compare &amp; categorize the memory of computer its utility in the performance &amp; functioning of system.</p> <p><b>CO4:</b> Apply the learning need of the various types of systems.</p>

	<b>CO5:</b> Select software for the purpose of fulfilment of required task.
GEC066012 - Computer Applications Lab- (From the pool of GE Group B)	<b>CO1:</b> Understand the use of MS Office & its application. <b>CO2:</b> Remember the basics of Excel. <b>CO3:</b> Apply the commands of formatting and editing tools to in Ms Office <b>CO4:</b> Analyse the use of worksheets. <b>CO5:</b> Solve practical problems using word, excel and power point.
AECE55001 - Study of Ecosystem & Natural Resources (EVS-I)	<b>CO1:</b> Understand theoretical & Practical aspect of environment studies. About various conservation strategies and problems with environment. <b>CO2:</b> Define the importance of Environmental education and ecosystem & acquire the knowledge about environmental pollution sources, effects, and control measures of environmental pollution. <b>CO3:</b> Apply basic Environmental Concepts <b>CO4:</b> Analyze causes of Environment degradation & apply innovations in business-an environmental Perspective <b>CO5:</b> Explain different Environmental laws and policies.
SEC077002- Ability & Skill Enhancement - II	<b>CO1:</b> Select the correct phonetic symbols for improving language <b>CO2:</b> Operate reading and writing skills in English <b>CO3:</b> Prepare listening and speaking skills in English <b>CO4:</b> Focus in understanding the ethics, virtues, and values <b>CO5:</b> Aware about etiquettes and personal branding
VAC088014- Human Values & Professional Ethics, (From the Pool of VAC Group B)	<b>CO1:</b> Know the importance of ethics, Moral values in Human life, Business. <b>CO2:</b> Understand ethical issues related to business and good governance necessary for long term survival of business. <b>CO3:</b> Analyze ethical dilemmas commonly faced in business contexts, applying ethical theories to evaluate and resolve these dilemmas <b>CO4:</b> Apply ethical theories—Utilitarianism, Deontology, and Virtue Ethics—in analysing and making ethical decisions in business contexts. <b>CO5:</b> Analyze the relationship between values and behaviour, understanding how ethical principles influence decision-making and actions.

## 7. CO PO Mapping: Semester - II

BCHC21150	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	-	-	3	3	3	2	3	2	3	3
CO2	-	-	2	2	3	1	1	-	2	-
CO3	3	3	3	1	-	-		2	-	3
CO4	2	1	1	-	-	3	2	2	1	-
CO5	3	2	-	1	-		2	1	-	3

BCHC21151	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	-	2	1	2	-	2	2	-
CO2	-	3	2	-	2	-	-	-	-	3
CO3	3	2	-	2	-	2	-	2	-	-
CO4	3	1	-	-	2	2	-	-	2	3
CO5	3	-	-	2	2	2	1	2	2	3

BCHC22152	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	-	-	2	1	2	1	2	2	2
CO2	1	3	2	3	2	2	2	2	3	3
CO3	-	2	3	-	3	-	2	-	2	2
CO4	2	1	-	-	3	-	3	3	2	3
CO5	2	2	2	2	-	2	3	-	2	2

GEC066011	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	2	-	3	-	-	3	3
CO2	-	2	3	-	2	3	2	2	3	-
CO3	2	1	-	1	2	-	-	-	-	3
CO4	-	2	-	2	3	2	3	2	3	-
CO5	3	3	3	3	-	3	3	-	3	-

GEC066012	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	1	2	2	2			2	3	3	2
CO2	2	2	2	3	2	2	-	2	-	2
CO3	1	-	-	-	3	-	2	2	3	2
CO4	2	2	-	-	1	-	-	-	3	-
CO5	3	3	3	3	3	-	-	3	3	3

AECE55001	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010
CO1	-	2	3	3	2	-	3	3	-	2
CO2	2	2	2	2	2	-	-	3	2	-
CO3	-	3	3	2	-	3	3	-	3	2
CO4	3	2	-	2	2	-	-	3	-	2
CO5	2	3	2	3	2	3	2	3	2	-

SEC077002	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010
CO1	1	-	3	2	-	3	1	3	2	3
CO2	2	2	2	3	2	2	1	2	2	-
CO3	3	-	-	1	-	-	-	3	-	-
CO4	2	3	3	2	2	2	-	-	3	3
CO5	3	3	2	-	-	3	3	3	2	2

VAC088014	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010
CO1	3	2	3	3	2	1	3	3	-	-
CO2	2	-	-	2	2	-	-	3	2	-
CO3	-	3	3	3	-	-	-	-	3	-
CO4	3	2	-	2	-	3	-	3	-	2
CO5	2	3	2	3	2	3	2	3	2	3

## 8.Curriculum

### Course Name: Macro Economics Course Code: BCHC21150

#### Objectives

- The course aims at providing the student with knowledge of basic concepts of the macroeconomics. The modern tools of macro-economic analysis are discussed, and the policy framework is elaborated, including the open economy.
- The purpose of this course is to familiarize the student with the generally accepted principles of macroeconomics.

#### Course Outline

##### **Unit I: Introduction**

Concepts and variables of macroeconomics, income, expenditure and the circular flow, components of expenditure. Static macroeconomic analysis short and the long run – determination of supply, determination of demand, and conditions of equilibrium.

##### **Unit II: Economy in the short run**

IS-LM framework, fiscal and monetary policy, determination of aggregate demand, shifts in aggregate demand, aggregate supply in the short and long run, and aggregate demand-aggregate supply analysis.

##### **Unit III: Inflation, Unemployment and Labour market**

Inflation: Causes of rising and falling inflation, inflation and interest rates, social costs of inflation; Unemployment – natural rate of unemployment, frictional and wait unemployment. Labour market and its interaction with production system; Phillips curve, the trade-off between inflation and unemployment, sacrifice ratio, role of expectations adaptive and rational.

##### **Unit IV: Open economy**

Open economy – flows of goods and capital, saving and investment in a small and a large open economy, exchange rates, Mundell – Fleming model with fixed and flexible prices in a small open economy with fixed and with flexible exchange rates, interest-rate differentials case of a large economy.

##### **Unit V: Behavioral Foundations**

Investment – determinants of business fixed investment, effect of tax, determinants of residential investment and inventory investment. Demand for Money – Portfolio and transactions theories of demand for real balances, interest, and income elasticities of demand for real balances. Supply of money.

#### **Suggested Readings:**

1. Mankiw, N. Gregory. *Principles of Macroeconomics*. Cengage Learning.
2. Robert J Gordon, *Macroeconomics*, Pearson Education.
3. Branson, William H. *Macroeconomic Theory and Policy*. HarperCollins India Pvt. Ltd.

4. Rudiger Dornbusch and Stanley Fischer, *Macroeconomics*. McGraw-Hill Education.
5. Rudiger Dornbusch, Stanley Fischer, and Richard Startz, *Macroeconomics*. McGraw-Hill Education.
6. Oliver J. Blanchard, *Macroeconomics*, Pearson Education.
7. G. S. Gupta, *Macroeconomics: Theory and Applications*, McGraw-Hill Education
8. Shapiro, *Macroeconomic Analysis*.
9. Paul A Samuelson, William D Nordhaus, and Sudip Chaudhuri, *Macroeconomics*, McGraw-Hill Education.
10. S N Singh, Pearson Education.

**Course Name: Fundamentals of Cost Accounting**  
**Course Code: BHC21151**

**Objectives**

- To provide an overview of the various business process, analyse operations, production planning.
- To acquaint the students with basic concepts used in cost accounting, various methods involved in cost ascertainment and cost accounting bookkeeping systems.

**Course Outline**

**Unit I: Introduction**

Meaning, objectives, and advantages of cost accounting; Difference between cost accounting and financial accounting; Cost concepts and classifications; Elements of cost; Installation of a costing system; Role of a cost accountant in an organization.

**Unit II: Elements of Cost: Material and Labour**

- a. Materials: Material/inventory control techniques. Accounting and control of purchases, storage, and issue of materials. Methods of pricing of materials issues — FIFO, LIFO, Simple Average, Weighted Average, Replacement, Standard Cost. Treatment of Material Losses.
- b. Labour: Accounting and Control of labour cost. Time keeping and time booking. Concept and treatment of idle time, over time, labour turnover and fringe benefits. Methods of wage payment and the Incentive schemes- Halsey, Rowan, Taylor's Differential piece wage.

**Unit III: Elements of Cost**

Overheads Classification, allocation, apportionment, and absorption of overheads; Under- and overabsorption; Capacity Levels and Costs; Treatments of certain items in costing like interest on capital, packing expenses, bad debts, research and development expenses; Activity based cost allocation.

**Unit IV: Methods of Costing**

Unit costing, Job costing, Contract costing, Process costing (process losses, valuation of work in

progress, joint and by-products), Service costing (only transport).

## **Unit V**

Book Keeping in Cost Accounting Integral and non-integral systems; Reconciliation of cost and financial accounts

### **Suggested Readings:**

1. Charles T. Horngren, Srikant M. Datar, Madhav V. Rajan, Cost Accounting: A Managerial Emphasis, Pearson Education.
2. Drury, Colin. Management and Cost Accounting. Cengage Learning.
3. Jawahar Lal, Cost Accounting. McGraw Hill Education.
4. Nigam, B.M. Lall and I.C. Jain. Cost Accounting: Principles and Practice. PHI Learning.
5. Rajiv Goel, Cost Accounting. International Book House.
6. Singh, Surender. Cost Accounting, Scholar Tech Press, New Delhi.
7. Jain, S.P. and K.L. Narang. Cost Accounting: Principles and Methods. Kalyani Publishers 8.
8. Arora, M.N. Cost Accounting – Principles and Practice. Vikas Publishing House, New Delhi.
9. Maheshwari, S.N. and S.N. Mittal. Cost Accounting: Theory and Problems. Shri Mahavir Book Depot, New Delhi.
10. Iyengar, S.P. Cost Accounting. Sultan Chand & Sons
10. H.V. Jhamb, Fundamentals of Cost Accounting, Ane Books Pvt. Ltd.

## **Course Name: Principles of Marketing**

### **Course Code: BCHC22152**

#### **Objective**

- Subject attempts are to provide basic understanding of principles, importance, tactics, tools, and developments in the field of marketing. With specific emphasis on Marketing Mix i.e. Product, Price, Place & Promotion.
- The objective of this course is to provide basic knowledge of concepts, principles, tools, and techniques of marketing.

#### **Course Outline**

##### **Unit I: Introduction**

Nature, scope, and importance of marketing; Evolution of marketing; Selling vs. Marketing; Marketing mix, Marketing environment: concept, importance, and components (Economic, Demographic, Technological, Natural, Socio-Cultural, and Legal).

##### **Unit II**

- a. **Consumer Behaviour:** Nature and Importance, Consumer buying decision process; Factors influencing consumer buying behaviour.
- b. **Market segmentation:** concept, importance, and bases; Target market selection; Positioning concept, importance, and bases; Product differentiation vs. market segmentation.

### **Unit III: Product**

Concept and importance, Product classifications; Concept of product mix; Branding, packaging, and labeling; Traditional Indian packaging (banana leaves, clay pots, cloth wraps) with sustainable benefits. Product-Support Services; Product life-cycle; New Product Development Process; Consumer adoption process.

### **Unit IV**

- a. **Pricing:** Significance. Factors affecting price of a product. Pricing policies and strategies.
- b. **Distribution Channels and Physical Distribution:** Channels of distribution - meaning and importance; Types of distribution channels; Functions of middle man; Factors affecting choice of distribution channel; Wholesaling and retailing; Types of Retailers; e-tailing, Physical Distribution.

### **Unit V**

- a. **Promotion:** Nature and importance of promotion; Communication process; Types of promotion: advertising, personal selling, public relations & sales promotion, and their distinctive characteristics; Promotion mix and factors affecting promotion mix decisions. Folk Media and Traditional Promotion Practices.
- b. **Recent developments in marketing:** Social Marketing, online marketing, direct marketing, services marketing, green marketing, Rural marketing; Consumerism.

### **Suggested Readings:**

1. Kotler, Philip, Gary Armstrong, Prafulla Agnihotri and Ehsanul Haque. *Principles of Marketing*. 13<sup>th</sup> edition. Pearson Education.
2. Michael, J. Etzel, Bruce J. Walker, William J Stanton, and Ajay Pandit. *Marketing: Concepts and Cases*. (Special Indian Edition)., McGraw Hill Education.
3. William D. Perreault, and McCarthy, E. Jerome., *Basic Marketing*, Pearson Education.
4. Majuro, Simon. *The Essence of Marketing*. Pearson Education, New Delhi.
5. The Consumer Protection Act 1986.
6. Iacobucci and Kapoor, *Marketing Management: A South Asian Perspective*. Cengage Learning.
7. Dhruv Grewal and Michael Levy, *Marketing*, McGraw Hill Education.
8. Chhabra, T.N., and S. K. Grover. *Marketing Management*. Fourth Edition. Dhanpat Rai & Company.
9. Neeru Kapoor, *Principles of Marketing*, PHI Learning.
10. Rajendra Maheshwari, *Principles of Marketing*, International Book House.

**Course Name: Computer Applications**  
**Course Code: GEC066011**

**Objectives**

- Computer application courses relating to business teach students to use standard software programs found in the workplace. Students learn to input, review, design, and present information in a productive and efficient manner. Classes are generally offered as part of degree programs relating to business, or certificate programs and many institutions offer flexible class schedules that meet the needs of working adults, such as online only learning.
- To familiarize with Front-end concept for developing various IT Applications Project.
- To acquaint students with use of computer & its applications like MS office. Students must be well acquainted with fundamental aspects of computer technology and gain proficiency in M S Office Tools: MS Word, Power Point Excel, and Access.

**Course Outline**

**Unit I: Basics of Computer and its evolution**

Evolution of computer, Data, Instruction and Information, Characteristics of computers, Various fields of application of computers, Various fields of computer (Hardware, Software, Human ware, and Firmware), Advantages and Limitations of computer, Block diagram of computer, Function of different units of computer, Classification of computers

- i) **Based on technology** (Digital, Analog, and Hybrid)
- ii) **Based on processing speed and storage capacity** (Micro, Mini, mainframe and Super).
- iii) **Based on Purpose** (General & Special) Different Generation of computers (I to V).

Types of software (System and Application), Compiler and Interpreter, Generation of Language (Machine Level, Assembly, High Level, 4GL).

**Data Representation:**

Different Number System (Decimal, Binary, Octal and hexadecimal) and their inter conversion (Fixed Point Only), Binary Arithmetic (Addition, Subtraction, Multiplication and Division).

**Unit II: Input and Output Device**

Keyboard, Mouse, Joystick, Digitizer, Scanner, MICR, OCR, OMR, Light Pen, Touch Screen, Bar Code Reader, Voice Input Device, Monitor and its type (VGA, SVGA and XGA), Printer and its type (Impact and Non-Impact with example), Plotter.

**Computer Memory:**

Primary Memory (ROM and its type – PROM, EPROM, EEPROM, RAM) Secondary memory- SASD, DASD Concept, Magnetic Disks – Floppy disks, Hard disks, Magnetic Tape, Optical disks – CD ROM and its type (CD ROM, CD ROM-R, CD ROM- EO, DVD ROM Flash Memory).

**Unit III: Operating System Concept**

Introduction to operating system; Function of OS, Types of operating systems, Booting Procedure, Start-up sequence, Details of basic system configuration, Important terms like Directory, File, Volume, Label, Drive name, etc.

**Introduction to GUI using Windows Operating System: All Directory Manipulation:** Creating directory, Sub directory, Renaming, Copying and Deleting the directory **File Manipulation:** Creating a file, deleting, copying, renaming a file.

#### **Unit IV: Concept of Data Communication and Networking**

Networking Concepts, Types of networking (LAN, MAN AND WAN), Communication Media, Mode of Transmission (Simplex, Half Duplex, Full Duplex), Analog and Digital Transmission. Synchronous and Asynchronous Transmission, Different Topologies Introduction to word processor and Spread Sheets.

#### **Suggested Readings:**

1. Leon and Leon; Introduction to Information Technology, Leon Tech World.
2. Microsoft Office-2000 Complete- BPB Publication.
3. Sinha, Kr. Pradeep, and Preeti Sinha; Foundations of Computing, BPB Publication.
4. Jain, V.K.; Computers and Beginners.

## **Course Name: Computer Applications Lab**

### **Course Code: GEC066012**

#### **Course Outline**

#### **Unit I: MS Word**

1. M.S Word Basic - Adding text, editing text, formatting text, font and its size, cut/copy/paste, save and save as, character/line/paragraph spacing.
2. Find or replace text and numbers on a Word file.
3. Inserting page numbers, headers and footers, footnote, endnote, date, and time, etc.
4. Merging the two shapes by using order, fill, test, and effects on the shapes.
5. Design a cover page for the RNB University at MS Word 2013.
6. Insert a table in MS Word consisting of five rows and three columns by applying designs and styles at the table.
7. Create an automatic Table of content at MS Word 2013.

#### **Unit II: MS Excel**

1. Merge/Unmerge cells - Combine text from two or more cells into one cell
2. Create an Excel table in a worksheet and draw its charts (2D and 3D)
3. Sorting and filtering data (auto and advanced filter).
4. Working with formulae and functions.
5. Adding comments, applying password protection to the workbook.

#### **Unit III: MS Power Point**

1. Formatting of presentations slides: add, delete, cut, copy, paste of different layouts slides
2. Insert a shape, tables, graphic, picture, and screenshots into the slides
3. Applying designs and transition effects in the presentation
4. Adding hyperlinks and videos to the presentations.

**Unit IV: Operating Systems**

1. Installation of MS windows and LINUX on a PC.
2. Exposure to Basic commands at command prompt.
3. Insert commands - pwd, cp, cd, rm, mv, ls, cat, mkdir, Ch mod, rmdir, who, who am I, banner, date, kill, etc
4. Create a LAN network using different device

**Course Name: Study of Ecosystem & Natural Resources (EVS-I)****Course Code: AECE55001****Objectives:**

- To gain knowledge about the environment and its conservation along with sustainable development.
- To define and use correctly the common terms of environmental science.
- To explain what makes up the environment, how it functions, and how humans are part of it.
- To evaluate the adequacy of conclusions about environmental phenomena.

**Course Outline:****Unit I: Introduction to Environmental Studies**

Multidisciplinary nature of environmental studies; Scope and importance; Need for public awareness.

Ecosystems: What is an ecosystem? Structure and function of the ecosystem; Energy flow in an ecosystem: food chains, food webs, and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

**Unit II: Natural Resources**

Renewable and Non-renewable Resources, Land resources and land use change; Land degradation, soil erosion, and desertification. Deforestation: Causes and impacts due to mining, and dam building on the environment, forests, biodiversity, and tribal populations. Water: Use and over-exploitation of surface and groundwater, floods, droughts, and conflicts over water (international & inter-state). Energy resources: Renewable and nonrenewable energy sources, use of alternate energy sources, growing energy needs, case studies.

**Suggested Readings:**

1. Bharucha, E. 2003, Textbook for Environmental Studies, University Grants Commission, New Delhi and Bharati Vidyapeeth Institute of Environmental Education and Research, Pune. 361.
2. Carson, Rachel. 1962. Silent Spring (Boston: Houghton Mifflin, 1962), Mariner Books, 2002

3. Economy, Elizabeth. 2010. The River Runs Black: The Environmental Challenge to China's Future.
4. Gadgil, M. & Ramachandra, G. 1993. This fissured land: an ecological history of India. Unix of California Press.
5. Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
6. Grumbine, R. Edward, and Pandit, M.K. Threats from India's Himalaya dams. *Science* 339.6115 (2013): 36-37.
7. Heywood V.H. & Watson, R.T. 1995. Global Biodiversity Assessment. Cambridge University Press.
8. McCully, P. 1996. Silenced rivers: the ecology and politics of large dams. Zed Books.
9. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.

Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders. 214

**Course Name: Ability and Skill Enhancement - II**  
**Course Code: SEC077002**

**Objective**

To improve the communication skills of the students with respect to pronunciation. The classes are interactive, and activity based.

**Course Outline - Final Assessment – Debate/Group Discussion**

**Unit I: Phonetics**

Phonetic symbols and the International Phonetic Alphabets (IPA), The Description and Classification of Vowels (Monophthongs Diphthong) Consonants, Phonetic Transcription & Phonology, Syllable, Stress & Intonations, reading aloud, recording audio clips.

**Unit II: Vocabulary Building**

Idioms and Phrases Words Often Confused, One word Substitution, Word Formation: Prefix & Suffix.

**Unit III: Ethics & Etiquettes**

What are ethics, what are values, difference between ethics and morals, Business ethics, workplace ethics, what are virtues for e.g. civic virtues, etc. Human ethics and values- 5 core human values are: right conduct, living in peace, speaking the truth, loving and care, and helping others.

Etiquette awareness, Importance of First Impression, Personal Appearance & Professional presence, Personal Branding, Dressing Etiquette, Dining Etiquettes.

**Unit IV: Reading & Writing Skills**

Reading Comprehension, News Reading, Picture Description, Paragraph Writing, News Writing.

**Unit V: Listening & Speaking Skills**

Public Speaking, Debate, Inspirational Movie Screening, Skit Performance.

**Course Name: Human Values & Professional Ethics**  
**(From the Pool of VAC- Group B)**  
**Course Code: VAC088014**

**Objectives**

**CO1:** To know about the importance of ethics, Moral values in Human life, Business.

**CO2:** This paper aims at providing the students the understanding of ethical issues related to business and good governance necessary for long term survival of business.

**CO3:** Students will be able to analyze ethical dilemmas commonly faced in business contexts, applying ethical theories to evaluate and resolve these dilemmas

**CO4:** Students will learn to apply ethical theories—Utilitarianism, Deontology, and Virtue Ethics—in analyzing and making ethical decisions in business contexts.

**CO5:** students will be able to analyze the relationship between values and behavior, understanding how ethical principles influence decision-making and actions.

**Course Outline**

**Unit I: Values & Ethics**

Concept of Values and its formation; Values and Behaviour. What is Ethics? Nature and scope of Ethics; Morality vs. Legality dilemma. Facts and value; Ethical subjectivism and Relativism,

**Unit II:**

Moral Development (Kohlberg's 6 stages of Moral Development), Ethics and Business, Myth of a moral business. Guru-Shishya Parampara: Learning from Gurukul

**Unit III: Decision making (Normal Dilemmas and Problems)**

Application of Ethical theories in Business (I) **Utilitarianism** (J. Bentham and J.S. Mill), (ii)

**Deontology** (I. Kant) (iii) **Virtue Ethics** (Aristotle).

**Economic Justice: Distributive Justice**, John Rawls **Libertarian Justice** (Robust Nozick).

**Unit IV: Corporate Social Responsibility of Business**

Concept of CSR; Changing expectation of society; Models of CSR: - Carroll's Model; Ackerman's Model. Need of Social Responsibility of Business, Consumerism and Consumer Rights. Traditional Indian Philanthropy (Daana Dharma)

**Suggested Reading**

1. Values & Ethics, Kaur Tripat, Galgotia Publishers.
2. Ethics in Management: A Vedantic Perspective; Chakraborty, S. K. Oxford University Press.
3. Human Values for Managers; Chakraborty S. K., Oxford University Press.

**Note:** The review of Syllabus happens on periodic basis for the benefit of the students. In case there are changes in curriculum due to review, students would be intimated in writing.

## 9. Lesson Plans

### BCHC21150-Macro Economics

Unit	Particulars	Class No.	Pedagogy of Class
	Introduction to Subject, CO's & PO's	C-1	Lecture
Unit-I	Overview of the subject and basic concepts	C-2	Lecture
Unit-I	Variables of macroeconomics, income, and expenditure	C-3	Lecture
Unit-I	Circular flow of income	C-4	Lecture
Unit-I	Components of expenditure	C5	Lecture
Unit-I	Static macroeconomic analysis	C-6,7	Lecture
Unit-I	Classroom Assignment	C-8	Classroom Assignment
Unit-I	Determination of supply and demand	C-9	Lecture
Unit-I	Conditions of equilibrium	C-10	Lecture
Unit-I	PPT Presentation	C-11	Presentation
Unit-I	Clarification Class	C-12	Clarification Class
Unit-II	IS-LM Approach	C-13	Lecture
Unit-II	Fiscal and Monetary Policy	C-14	Lecture
Unit-II	Determination of aggregate demand	C-15	Lecture
Unit-II	Class Assignment	C-16,17	Assignment
Unit-II	Shifts in aggregate demand	C-18	Lecture
Unit-II	Aggregate supply in the short and long run	C-19	Lecture
Unit-II	AD-AS Analysis	C-20	Lecture
Unit-II	Clarification Class	C-21	Clarification Class
Unit-III	Inflation - Meaning and Causes	C-22	Lecture
Unit-III	inflation and interest rates	C-23	Lecture
Unit-III	PPT Presentation	C-24	Presentation
Unit-III	Unemployment - natural rate of unemployment	C-25	Lecture
Unit-III	frictional and wait unemployment	C-26	Lecture
Unit-III	Labour market and its interaction with production system	C-27	Lecture
Unit-III	Phillips curve	C-28	Lecture
Unit-III	Classroom Assignment	C-29,30	Classroom Assignment
Unit-III	the tradeoff between inflation and unemployment	C-31,32	Lecture
Unit-III	sacrifice ratio	C-33,34	Assignment
Unit-III	Webinar	C-35	webinar
Unit-III	Role of expectations adaptive and rational	C-36,37	Lecture
Unit-III	Clarification class	C-38	Clarification Class
Unit-IV	Open Economy - Flow of goods and services	C-39,40	Lecture
Unit-IV	Savings and investments	C-41	Lecture
Unit-IV	Quiz	C-42	Lecture
Unit-IV	Exchange Rates	C-43	Lecture

Unit-IV	Activity	C-44	Activity
Unit-IV	Mundell – Fleming model	C-45,46	Lecture
Unit-IV	Activity	C-47	Activity
Unit-IV	Seminar	C-48	Seminar
Unit-IV	interest-rate differentials case of a large economy	C-49	Lecture
Unit-IV	Clarification Class	C-50	Clarification class
Unit-IV	Quiz-II	C-51	Quiz
Unit-V	Investment determinants of business fixed investment	C-52	Lecture
Unit-V	Effect of tax	C-53	Lecture
Unit-V	Determinants of residential investment	C-54	Lecture
Unit-V	Inventory investment	C-55	Lecture
Unit-V	Classroom Assignment	C-56	Class Room Assignment
Unit-V	Demand for Money	C-57	Lecture
Unit-V	Portfolio and transactions theories of demand for real balances	C-58	Lecture
Unit-V	Interest and income elasticities of demand for real balances, Supply of money	C-59	Lecture
Unit-V	Clarification Class	C-60	Clarification Class

## BCHC21151-Fundamentals of Cost Accounting

<b>Unit</b>	<b>Particulars</b>	<b>Class No.</b>	<b>Pedagogy of Class</b>
	Introduction to Subject, CO's & PO's	C-1	Lecture
Unit-I	Cost Accounting-Nature, Scope, Objectives, Importance	C-2	Lecture
Unit-I	Advantages of Cost Accounting	C-3	Lecture
Unit-I	Cost Concept; Methods and Techniques of Costing	C-4	Lecture
Unit-I	Installation of Cost Accounting	C-5	Lecture
Unit-I	Difference between Cost, Financial and Management Accounting	C-6	Lecture
Unit-I	Clarification Class	C-7	Clarification Class
Unit-II	Tally Accounting-Ledger	C-8	Lecture
Unit-II	Tally Accounting-Voucher	C-9	Lecture
Unit-II	Class Assignment	C-10	Classroom Assignment
Unit-II	Element of Cost	C-11	Lecture
Unit-II	Classification of Cost	C-12	Lecture
Unit-II	Overhead Allocation	C-13	Lecture
Unit-II	Primary Apportionment	C-14	Lecture
Unit-II	Secondary Apportionment	C-15	Lecture
Unit-II	Cost Ascertainment	C-16	Lecture
Unit-II	Clarification Class	C-17	Clarification Class
Unit-II	Class Assignment	C-18	Classroom Assignment
Unit-III	Tally Accounting-P/L Account and Balance sheet	C-19	Lecture
Unit-III	Tally Accounting-Reporting	C-20	Lecture
Unit-III	PPT Presentation	C-21	Presentation
Unit-III	Accounting for Material: Material Purchase Procedure	C-22	Lecture
Unit-III	storage and inventory control	C-23	Lecture
Unit-III	Classification, Principles of Labour	C-24	Lecture
Unit-III	Methods of Remuneration, Overtime and incentives;	C-25	Lecture
Unit-III	efficiency rating procedures	C-26	Lecture
Unit-III	Accounting for Overhead: Meaning,	C-27,28	Lecture
Unit-III	Classification, allocation	C-29	Lecture
Unit-III	Apportionment	C-30	Lecture
Unit-III	Quiz	C-31	Quiz
Unit-III	Absorption	C-38	Lecture
Unit-III	Accounting of overheads.	C-39	Lecture
Unit-III	Class Assignment-3	C-40	Classroom Assignment
Unit-III	Tally Accounting-P/L Account and Balance sheet	C-41	Lecture
Unit-III	Tally Accounting-Reporting	C-42	Lecture
Unit-III	PPT Presentation 2	C-43	Presentation

Unit-III	Tutorials	C-44	Tutorials
Unit-III	Clarification Class	C-45	Clarification Class
Unit-IV	Costing - Preparation of statement of cost	C-46	Lecture
Unit-IV	Cost sheet (Including Tender Price / Quotation price);	C-47	Lecture
Unit-IV	cost sheet (Including Tender Price / Quotation price);	C-48	Lecture
Unit-IV	Reconciliation of Cost accounting profit and financial accounting profit,	C-49,50,51	Lecture
Unit-IV	Clarification Class	C-52	Clarification Class
Unit-V	Quiz	C-53	Quiz
Unit-V	Uniform Costing	C-54	Lecture
Unit-V	Inter-firm Comparison	C-55	Lecture
Unit-V	Neo Concepts: Activity Based Costing	C-56	Lecture
Unit-V	Target Costing, Life Cycle Costing	C-57	Lecture
Unit-V	Clarification Class	C-58	Clarification Class
Unit-V	Revision Class	C-59	Revision Class
Unit-V	Revision Class	C-60	Revision Class

## BCHC22152-Principles of Marketing

Unit	Particulars	Class No.	Pedagogy of Class
	Introduction to Subject, CO's & PO's	C-1	Lecture
Unit-I	Introduction to Marketing	C-2	Lecture
Unit-I	Introduction Nature, scope, and importance of marketing;	C-3	Lecture
Unit-I	Core Concept of Marketing Evolution of marketing; Selling vs. Marketing;	C-4	Lecture
Unit-I	Evolution of marketing; Selling vs. Marketing; Marketing mix,	C-5	Lecture
Unit-I	Selling vs. Marketing; Marketing mix,	C-6	Lecture
Unit-I	Marketing environment: concept, importance, and components (Economic, Demographic, Technological, Natural, Socio-Cultural, and Legal).	C-7	Lecture
Unit-I	Clarification Class	C-8	Clarification Class
Unit-II	Consumer Behaviour: Nature and Importance, Consumer buying decision process;	C-9	Lecture
Unit-II	Factors influencing consumer buying behaviour.	C-10	Lecture
Unit-II	Class Room Assignment	C-11	Class Room Assignment
Unit-II	Market segmentation: concept, importance, and bases; Target market selection;	C-12,13	Lecture
Unit-II	PPT Presentation	C14	Presentation
Unit-II	Target market selection & Positioning concept, importance, and bases	C15	Lecture
Unit-II	Quiz	C16	Quiz
Unit-II	Product differentiation	C17	Lecture
Unit-II	Positioning concept, importance, and bases; Product differentiation vs. market Segmentation	C-18,19	Lecture
Unit-II	Clarification Class	C-20	Clarification Class
Unit-III	Product Concept and importance,	C-21	Lecture
Unit-III	Product classifications; Concept of product mix;	C-22,23	Lecture
Unit-III	Product life cycle PLC	C-24	Lecture
Unit-III	Class Room Assignment	C-25	Class Room Assignment
Unit-III	Branding, Packaging, and Labeling	C-26,27	Lecture
Unit-III	Traditional Indian packaging (banana leaves, clay pots, cloth wraps) with sustainable benefits.	C-28	Lecture
Unit-III	Webinar	C-29	Webinar
Unit-III	New Product Development, Differentiation	C-30	Lecture
Unit-III	Consumer adoption process	C-31	Lecture
Unit-III	Presentation	C-32	Presentation
Unit-III	Clarification Class	C-33	Clarification Class
Unit-IV	Pricing: Significance. Factors affecting price of a product. Pricing policies	C-34,35	Lecture
Unit-IV	Class room assignment-III	C-36	Classroom

			Assignment
Unit-IV	Pricing: Significance. Factors affecting price of a product. Pricing policies	C-37	Lecture
Unit-IV	Pricing: Pricing policies, Methods	C-38	Lecture
Unit -IV	Clarification Class	C-39	Clarification Class
Unit-IV	Distribution Channels and Physical Distribution: Channels of distribution - meaning and importance	C-40,41	Lecture
Unit-IV	Types of distribution channels; Functions of middle man;	C-42	Lecture
Unit-IV	Factors affecting choice of distribution channel; Wholesaling and retailing	C-43,44	Lecture
Unit-IV	Activity	C-45	Activity
Unit-IV	Types of Retailers; e-tailing, Physical Distribution.	C-46	Lecture
Unit-IV	Activity	C-47	Activity
Unit-IV	Clarification Class	C-48	Clarification Class
Unit-V	Promotion: Nature and importance of promotion; Communication process;	C-49,50	Lecture
Unit-V	Types of distinctive characteristics; Promotion mix and factors affecting promotion mix decisions;	C-51,52	Lecture
Unit-V	Quiz	C-53	Quiz
Unit-V	Folk Media and Traditional Promotion Practices	C-54	
Unit-V	Recent developments in marketing: Social Marketing, online marketing	C-55	Lecture
Unit-V	Direct marketing Vs. Services marketing	C-56	Lecture
Unit-V	green marketing,	C-57	Lecture
Unit-V	Rural marketing; Consumerism.	C-58	Lecture
Unit-V	Clarification Class	C-59	Clarification Class
Unit-V	Revision Class	C-60	Revision Class

**GEC066011 - Computer Applications (From the Pool of GE-Group B)**

<b>Unit</b>	<b>Particulars</b>	<b>Class No.</b>	<b>Pedagogy of Class</b>
	Introduction to Subject, CO's & PO's	C-1	Lecture
Unit-I	Evolution of computer, Data, Instruction and Information, Characteristics of computers, Various fields of application of computers	C-2	Lecture
Unit-I	Various fields of computer (Hardware, Software, Human ware, and Firmware), Advantages and Limitations of Computer, Block diagram of computer, Function of different units of computer, Classification of computers	C-3	Lecture
Unit-I	Digital, Analog and Hybrid, Micro, Mini, mainframe and Super	C-4	Lecture
Unit-I	General & Special) Different Generation of computers (I to V). Types of software (System and Application), Compiler and Interpreter, Generation of Language (Machine Level, Assembly, High Level, 4GL	C-5	Lecture
Unit-I	Different Number System (Decimal, Binary, Octal and hexadecimal) and their inter conversion (Fixed Point Only), Binary Arithmetic (Addition, Subtraction, Multiplication and Division)	C-6	Lecture
Unit-I	Clarification Class	C-7	Clarification Class
Unit-II	Keyboard, Mouse, Joystick, Digitizer, Scanner, MICR, OCR, OMR, Light Pen, Touch Screen, Bar Code Reader, Voice Input Device	C-8	Lecture
Unit-II	Monitor and its type (VGA, SVGA and XGA), Printer and its type (Impact and Non-Impact with example), Plotter.	C-9	Lecture
Unit-II	Primary Memory (ROM and it is type – PROM, EPROM, EEPROM, RAM) Secondary memory- SASD, DASD Concept	C-10	Lecture
Unit-II	Magnetic Disks – Floppy disks, Hard disks, Magnetic Tape	C-11	Lecture
Unit-II	Optical disks – CD ROM and it is type (CD ROM, CD ROM-R, CD ROM-EO, DVD ROM Flash Memory	C-12	Lecture
Unit-II	Clarification Class	C-13	Clarification Class
Unit-II	Class Room Assignment-I	C-14	Class Room Assignment
Unit-III	Introduction to operating system; Function of OS, Types of operating systems, Booting Procedure, Start-up sequence, Details of basic system configuration	C-15	Lecture
Unit-III	PPT Presentation	C-16	Presentation
Unit-III	Important terms like Directory, File, Volume, Label, Drive name, creating directory, Sub directory, Renaming, Coping and Deleting the directory	C-17	Lecture

Unit-III	Class room assignment-2	C-18	Classroom Assignment
Unit-III	File Manipulation: Creating a file, deleting, coping, renaming a file	C-19	Lecture
Unit-III	Clarification Class	C-20	Clarification Class
Unit-III	Class room Assignment	C-21	Classroom Assignment
Unit-IV	Networking Concepts, Types of networking (LAN, MAN and WAN)	C-22	Lecture
Unit-IV	Quiz	C-23	Quiz
Unit-IV	Communication Media, Mode of Transmission (Simplex, Half Duplex, Full Duplex)	C-24	Lecture
Unit-IV	Analog and Digital Transmission, Synchronous and Asynchronous Transmission	C-25	Lecture
Unit-IV	Presentation	C-26	Presentation
Unit-IV	Different Topologies	C-27	Lecture
Unit-IV	Quiz	C-28	Quiz
Unit-IV	Introduction to word processor and Spread Sheets.	C-29	Lecture
Unit-IV	Clarification Class	C-30	Clarification Class

**GEC066012 - Computer Applications Lab (From the Pool of GE Group B)**

<b>Unit</b>	<b>Particulars</b>	<b>Class No.</b>	<b>Pedagogy of Class</b>
	Introduction to Subject, CO's & PO's	P-1	Lecture
Unit-I	M.S Word Basic - Adding text, editing text, formatting text, font, and its size,	P-2	Practical
Unit-I	M.S Word Basic - cut/copy/paste, save and save as, character/line/paragraph spacing	P-3,4	Practical
Unit-I	Find or replace text and numbers on a Word file Inserting page number,	P-5,6	Practical
Unit-I	Class room Assignment	P-7	Classroom Assignment
Unit-I	Headers and Footers, footnote, endnote, date, and time	P-8,9	Practical
Unit-I	Clarification class	P-10	Clarification class
Unit-II	Merging the two shapes by using order, fill, test, and effects on the shapes	P-11	Practical
Unit-II	Quiz	P-12	Quiz
Unit-II	PPT Presentation	P-13	Presentation
Unit-II	Insert a table in MS Word consisting of five rows and three columns by applying designs and styles at the table	P-14,15,16	Practical
Unit-II	Class room Assignment	P-17	Classroom Assignment
Unit-II	Clarification class	P-18	Clarification class
Unit-III	Create an automatic Table of content at MS Word 2013	P-19,20	Practical
Unit-III	PPT Presentation	P-21	Presentation
Unit-III	Clarification class	P-22	Clarification class
Unit-IV	Merge/Unmerge cells - Combine text from two or more cells into one cell	P-23	Practical
Unit-IV	Quiz	P-24	Quiz
Unit-IV	Create an Excel table in a worksheet and draw its charts (2D and 3D)	P-25,26	Practical
Unit-IV	Classroom Assignment	P-27	Classroom Assignment
Unit-IV	Working with formulae and functions	P-28,29	Practical
Unit-IV	Clarification Class	P-30	Clarification class

## AECE55001- Study of Ecosystem & Natural Resources (EVS-I)

<b>Unit</b>	<b>Particulars</b>	<b>Class No.</b>	<b>Pedagogy of Class</b>
Unit-I	Introduction to Subject, CO's & PO's	C-1	Lecture
Unit-I	Multidisciplinary nature of environmental studies	C-2	Lecture
Unit-I	Scope and importance	C-3	Lecture
Unit-I	Need for public awareness	C-4	Lecture
Unit-I	Ecosystems: What is an ecosystem? Structure and function of the ecosystem	C-5	Lecture
Unit-I	Energy flow in an ecosystem: food chains, food webs, and ecological succession.	C-6	Lecture
Unit-I	Classroom Assignment I	C-7	Classroom Assignment
Unit-I	Case studies of Forest ecosystem	C-8	Case Studies
Unit-I	Case studies of Grassland ecosystem	C-9	Case Studies
Unit-I	Case studies of Desert ecosystem	C-10	Case Studies
Unit-I	Case studies of Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)	C-11	Case Studies
Unit-I	Case studies of Aquatic ecosystems (rivers, oceans, estuaries)	C-12	Case Studies
Unit-I	Presentation I	C-13	Presentation
Unit-I	Clarification Class I	C-14	Clarification Class
Unit-II	Renewable and Non-renewable Resources,	C-15	Lecture
Unit-II	Land resources and land use change	C-16	Lecture
Unit-II	Quiz	C-17	Quiz
Unit-II	Land degradation, soil erosion, and desertification	C-18	Lecture
Unit-II	PPT Presentation	C-19	Presentation
Unit-II	Deforestation: Causes and impacts due to mining, and dam building on the environment, forests, biodiversity, and tribal populations	C-20	Lecture
Unit-II	Quiz	C-21	Quiz
Unit-II	PPT presentation	C-22	Presentation
Unit-II	Water: Use and over-exploitation of surface and groundwater, floods, droughts, and conflicts over water (international & inter-state)	C-23	Lecture
Unit-II	Classroom Assignment II	C-24	Classroom Assignment
Unit-II	Energy resources: Renewable and nonrenewable energy sources	C-25,26	Lecture
Unit-II	use of alternate energy sources, growing energy needs	C-27	Lecture
Unit-II	Classroom Assignment	C-28	Assignment
Unit-II	Case Studies	C-29	Case Studies
Unit-II	Clarification Class II	C-30	Clarification Class

## SEC077002-Ability & Skill Enhancement -II

Unit	Particulars	Class No.	Pedagogy of Class
	Introduction to Syllabus, CO's & PO's	C-1	Lecture
Unit-I	Phonetic symbols and the International Phonetic Alphabets (IPA Introduction Importance)	C-2	Lecture
Unit-I	The Description and Classification of Vowels (Monophthongs& Diphthong) Consonants, The introduction and Classification of Vowels and Consonant	C-3	Lecture
Unit-I	Syllable, Stress & Intonations and symbols of consonants	C-4	Lecture
Unit-I	Reading aloud, recording audio clips. Phonetic Transcription and Phonology	C-5	Lecture
Unit-I	Class Phonetic Transcription, Transcription practice	C-6	Lecture
Unit-I	Presentation	C-7	Presentation
Unit-I	Clarification Class	C-8	Clarification Class
Unit-II	Idioms and Phrases, Words Often Confused	C-9	Lecture
Unit-II	Quiz	C-10	Quiz
Unit-II	One word substitution word Formation Prefix and Suffix	C-11	Activity
Unit-II	Class Room Assignment	C-12	Class Room Assignment
Unit-II	Clarification Class	C-13	Clarification Class
Unit-II	Presentation	C-14	Presentation
Unit-II	Clarification Class	C-15	Clarification Class
Unit-III	What are ethics, what are values, difference between ethics and moral, Picture Description, Paragraph Writing	C-16	Lecture
Unit-III	Classroom Assignment	C-17	Class Room Assignment
Unit-III	Business ethics, workplace ethics, what are virtues for e.g. civic virtues, etc.	C-18	Lecture
Unit-III	Quiz	C-19	Quiz
Unit-III	Human ethics 5 core human values are: right conduct, living in peace, speaking the truth, loving and care, and helping others.	C-20	Lecture
Unit-III	Classroom assignment-Group Activity (Discussions)	C-21	Class Room Assignment
Unit-III	Etiquettes awareness importance of First Impression Personal Appearance &Professional presence, Personal Branding, Dressing Etiquette	C-22	Lecture
Unit-III	Dining Etiquettes	C-23	Lecture
Unit-III	Clarification Class	C-24	Clarification Class
Unit-IV	Comprehension	C-25	Lecture
Unit-IV	News Reading, News Writing, Public Speaking, Debate	C-26	Lecture
Unit-IV	PPT Presentation	C-27	Presentation

Unit-IV	Classroom assignment	C-28	Classroom Assignment
Unit-IV	Inspirational Movie Screening, Skit Performance	C-29	Activity
Unit-IV	Clarification class	C-30	Clarification Class

## VAC088014-Human Values & Professional Ethics (From the Pool of VAC-Group B)

<b>Unit</b>	<b>Particulars</b>	<b>Class No.</b>	<b>Pedagogy of Class</b>
	Introduction to Syllabus, CO's & PO's	C-1	Lecture
Unit-I	Concept of Values and its formation, Values and Behavior.	C-2	Lecture
Unit-I	What is Ethics? Nature and scope of ethics	C-3	Lecture
Unit-I	Morality vs. Legality dilemma	C-4	Lecture
Unit-I	Facts and value	C-5	Lecture
Unit-I	Ethical subjectivism and Relativism	C-6	Lecture
Unit-I	Clarification Class I	C-7	Clarification Class
Unit-I	Quiz	C-8	Quiz
Unit-II	Moral Development (Kohlberg's 6 stages of Moral Development)	C-9	Lecture
Unit-II	Ethics and Business, Myth of a moral business	C-10	Lecture
Unit-II	Guru-Shishya Parampara: Learning from Gurukul	C-12	Lecture
Unit-II	Classroom Assignment I	C-12	Classroom Assignment
Unit-II	Ethics and Business	C-13	Lecture
Unit-II	Presentation I	C-14	Presentation
Unit-II	Quiz	C-15	Quiz
Unit-II	Myth of a moral business	C-16	
Unit-II	Clarification Class II	C-17	Clarification Class
Unit-III	Application of Ethical theories in Business (I) Utilitarianism (J. Bentham and J.S. Mill)	C-18	Lecture
Unit-III	Application of Ethical theories in Business Deontology (I. Kant)	C-19	Lecture
Unit-III	Application of Ethical theories in Business Virtue Ethics (Aristotle)	C-20	Lecture
Unit-III	Economic Justice: Distributive Justice, John Rawls	C-21	Lecture
Unit-III	Libertarian Justice (Robust Nozick)	C-22	Lecture
Unit-III	Take Home Assignment		Take Home Assignment
Unit-III	Clarification Class III	C-23	Clarification Class
Unit-IV	Models of CSR: - Carroll's Model; Ackerman's Model.	C-24	Lecture
Unit-IV	Need of Social Responsibility of Business	C-25	Lecture
Unit-IV	Consumerism and Consumer Rights	C-26	Lecture
Unit-IV	Classroom Assignment II	C-27	Classroom Assignment
Unit-IV	Traditional Indian Philanthropy (Daana Dharma)	C-28	Lecture
Unit-IV	Presentation II	C-29	Presentation
Unit-IV	Clarification Class IV	C-30	Clarification Class

**Note:**

This is a tentative lesson plan. The same may change from faculty to faculty as per the teaching pedagogy adopted by the faculty.

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