

## **PROGRAMME NAME: BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS)**

Students are expected to achieve the following objectives by the end of the program.

**PSO1:** To make students understand core concepts and methods from ecological and physical sciences and their application in environmental problem-solving

**PSO2:** To appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions

**PSO3:** To appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.

**PSO4:** To appreciate that one can apply systems concepts and methodologies to analyze and understand interactions between social and environmental processes.

**PSO5:** To reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

**PSO6:** Graduates are candidates for a variety of jobs in the environment management industry. Companies or public institutions may offer employment opportunities in fields like:

1. Environment Consultant
2. Environment Planner
3. In Pharmaceutical companies as Health and safety manager
4. Environment manager in Mining industries

## **BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM I**

**PROGRAMME CODE: C01111**

### **COURSE NAME: INTRODUCTION TO ENVIRONMENTAL MANAGEMENT**

#### **COURSE OUTCOME:**

**CO1:** Students understand the meaning of resources and technology

**CO2:** Students learn Optimum Conversion of Resources

**CO3:** Students gain knowledge of global warming impact

**CO4:** Students understand the Problems of non-degradable Waste

**CO5:** Students learn the meaning of development and environmental linkages

### **COURSE NAME: PRINCIPLES OF MANAGEMENT**

#### **COURSE OUTCOME:**

**CO1:** Students understand the Concept, nature, process and Significance.

**CO2:** Students are able to design functional areas of management

**CO3:** Students learn Management Functions Planning, Organising, Staffing, Directing and controlling.

**CO4:** Students understand Authority and responsibility relationships

**CO5:** Students learn Effective control system and control techniques

### **COURSE NAME: ORGANIZATIONAL BEHAVIOUR**

#### **COURSE OUTCOME:**

**CO1:** Students understand Fundamentals of Organizational Behavior

**CO2:** Students learn the Role of Hereditary in Environment

**CO3:** Students understand the Theories & Mechanism of Motivation Cycles and Leadership Styles

**CO4:** Students are able to design Dimensions & Interaction in Society

**CO5:** Students understand the concept of Organizational Culture

### **COURSE NAME: MANAGERIAL ECONOMICS**

#### **COURSE OUTCOME:**

**CO1:** Students understand Meaning and Scope of managerial economics relationship to economic theory

**CO2:** Students learn meaning of demand Market demand function Demand curve

**CO3:** Students gain knowledge of Estimation of demand Numerical problems for measurement of elasticity

**CO4:** Students understand the application of production function in productive sectors (service and manufacturing) Economics of scale and scope.

**CO5:** Students learn the meaning of market structure, need for analyzing market structure, types of market

### **COURSE NAME: FINANCIAL ACCOUNTING**

#### **COURSE OUTCOME:**

**CO1:** Students understand the Meaning and Scope of Accounting

**CO2:** Students are able to design and maintain Depreciation Accounting

**CO3:** Students understand the concept behind Trial Balance and Final Accounts of a Sole Proprietor

**CO4:** Students understand Accounting in Computerized Environment

**CO5:** Students learn Codification of accounts.

### **COURSE NAME: BUSINESS COMMUNICATION**

#### **COURSE OUTCOME:**

**CO1:** Students learn Definition, Meaning Types, process and importance

**CO2:** Students understand the concept and Practice of Effective Communication

**CO3:** Students are able to write Report Writing and Letter Writing

**CO4:** Students understand the concept Audience

**CO5:** Students learn Body Language

**BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM II**

**PROGRAMME CODE: C01112**

**COURSE NAME: ECOLOGY AND ENVIRONMENT**

**COURSE OUTCOME:**

**CO1:** Students understand Environmental Science

**CO2:** Students learn Vertical Structure of the Atmosphere

**CO3:** Students understand Wetlands and Coastal Environment

**CO4:** Students learn Renewable Sources of Energy

**COURSE NAME: HUMAN RESOURCE MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students learn definition, Features, Scope/Functions of HRM

**CO2:** Students understand Human Resource Planning

**CO3:** Students gain knowledge of job Analysis, Job Design and Job Evaluation

**CO4:** Students understand the concept like recruitment, Selection and Induction

**CO5:** Students learn the process of training and Development

**COURSE NAME: INTRODUCTION TO COST ACCOUNTING**

**COURSE OUTCOME:**

**CO1:** Students are introduced to Importance of Cost Accounting

**CO2:** Students understand the concept Elements of cost

**CO3:** Students understand the Reconciliation between cost and financial records

**CO4:** Students learn Elementary Principles and Techniques of Marginal costing

**CO5:** Students gain knowledge of Techniques of Marginal Costing

**COURSE NAME: ECONOMIC ENVIRONMENT OF BUSINESS**

**COURSE OUTCOME:**

**CO1:**Students understand Macro-economic aggregates and concepts

**CO2:** Students learn determination of Income and Employment

**CO3:**Students understand the concept Policy Environment

**CO4:**Students learn about International Trade

**CO5:**Students gain knowledge of Globalization of economics

**COURSE NAME: PRODUCTION MANAGEMENT & MATERIALS MANAGEMENT**

**COURSE OUTCOME:**

**CO1:**Students are introduced to the concept of operations and Operation Management

**CO2:** Students learn about plant layout: difference between various types of layout (Product layout, process layout, Cellular layout, static layout etc.)

**CO3:**Students understand the Importance of materials management (corporate policy, organization, research, planning, and source selection)

**CO4:**Students understand the Value Analysis and Value Engineering

**CO5:**Students learn Warehousing and stored management- centralized and de-centralized stores. Brief introduction to various methods of stores accounting.

**COURSE NAME: BUSINESS STATISTICS**

**COURSE OUTCOME:**

**CO1:**Students gain knowledge of Descriptive Statistics for Univariate Data

**CO2:**Students learn Forecasting Techniques

**CO3:**Students learn Probability and Probability Distribution

**CO4:**Students understand Testing of Hypotheses

**CO5:**Students understand the concept Hypothesis

**BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM III**

**PROGRAMME CODE: C01113**

**COURSE NAME: ENVIRONMENTAL ECONOMICS**

**COURSE OUTCOME:**

**CO1:**Students are introduced to micro-economic

**CO2:**Students understand Valuation methods and political means of control

**CO3:** Students learn Natural resource economics

**CO4:**Students understand the Ecological economics

**CO5:**Students learn about International trade and the environment

**COURSE NAME: MARKETING MANAGEMENT**

**COURSE OUTCOME:**

**CO1:**Students are introduced to Marketing

**CO2:** Students understand Marketing Research

**CO3:**Students learn about Consumer Behaviour

**CO4:**Students gain knowledge of Channel Decisions

**COURSE NAME: RESEARCH METHODS IN BUSINESS**

**COURSE OUTCOME:**

**CO1:**Students are introduced to Approaches to Research

**CO2:**Students understand the Importance of research in management decisions

**CO3:**Students are familiarized with Research process

**CO4:**Students understand the concept Hypothesis

**CO5:**Students learn Sources and Methods of data collection

### **COURSE NAME: GLOBAL WARMING AND CLIMATE CHANGE**

#### **COURSE OUTCOME:**

**CO1:**Students become familiarized with role of ozone in environment-ozone layer-ozone depleting gases-Green House Effect.

**CO2:**Students gain an understanding of temperature profile of the atmosphere.

**CO3:** Students are given an insight into Causes of Climate change.

**CO4:**Students are familiarized with Mitigation Measures.

**CO5:** Students are acquainted with the concept of Kyoto Protocol.

### **COURSE NAME: NATURAL RESOURCES AND MANAGEMENT**

#### **COURSE OUTCOME:**

**CO1:** Students accomplish the requisite understanding of Natural Resources.

**CO2:** Learners understand Land use pattern in India.

**CO3:** Students get the knowledge of agriculture, types of cultivation, high yielding varieties.

**CO4:** Students get the knowledge of Forest and Mineral Resources forest produce.

**CO5:** Students get the knowledge of chemicals fertilizers& their impacts.

### **COURSE NAME: FINANCIAL MANAGEMENT**

#### **COURSE OUTCOME:**

**CO1:** Students understand the meaning and scope of Financial Management.

**CO2:** Students learn Working Capital Management.

**CO3:** Students learn Receivables Management.

**CO4:** Students learn Cash Management.

**CO5:** Students gain the knowledge Cost of Capital & Capital Structures.

**BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM IV**

**PROGRAMME CODE: C01114**

**COURSE NAME: ENVIRONMENTAL SAFETY, HEALTH AND MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students learn types of diseases.

**CO2:** Students learn mode of transmission (epidemic and endemic diseases).

**CO3:** Students are made aware about Occupational health and safety.

**CO4:** Students are made aware about industrial safety and management techniques.

**COURSE NAME: ENVIRONMENTAL POLLUTION AND MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students learn sources & types of water pollution.

**CO2:** Students learn structure and composition of atmosphere.

**CO3:** Students get the knowledge of Prevention and control of air pollution particulate control.

**CO4:** Students learn soil pollution and Noise Pollution, its types and sources, effects & Control.

**CO5:** Students get the knowledge about the government Agencies & Programs.

**COURSE NAME: ENVIRONMENTAL ECONOMICS**

**COURSE OUTCOME:**

**CO1:** Students learn Individual Preferences Regarding Environmental Protection.

**CO2:** Students learn Efficiency and Markets: Efficiency in the Exchange of Goods and Bad.

**CO3:** Students learn Methods to derive the Demand for Environmental Goods.

**CO4:** Students learn to use versus Non-use values.

**CO5:** Students understand the Regulation with Unknown Control Costs.

### **COURSE NAME: CUSTOMER RELATIONSHIP MANAGEMENT**

#### **COURSE OUTCOME:**

**CO1:** Students understand the changing Nature of Marketing and Customer Service

**CO2:** Students understand the emergence of Permission Marketing

**CO3:** Students understand the enhancing Value of Products and Services

**CO4:** Students understand the steps in e CRM

**CO5:** Students understand the technology orientation

### **COURSE NAME: OCCUPATIONAL HEALTH & SAFETY**

#### **COURSE OUTCOME:**

**CO1:** Students get the knowledge of Health and safety foundations, Policy.

**CO2:** Students understand the Risk assessment and Principles of control.

**CO3:** Students learn the construction activities - Hazards and Control.

**CO4:** Students get the knowledge of Work Equipment Hazards and Control

**CO5:** Students get the knowledge of Chemical and Biological Health Hazards and Control

### **COURSE NAME: MANAGEMENT INFORMATION SYSTEMS**

#### **COURSE OUTCOME:**

**CO1:** Students learn Need for Information and Information Systems (IS) in an organization.

**CO2:** Students learn Operational Control, Management Control, and Decision Support.

**CO3:** Students learn determining information needs for an Organization/Individual Manager.

**CO4:** Students learn Strategic use of Information and IS – Use of Information for Customer Bonding.

**CO5:** Students understand the concepts such as confidentiality, Integrity and Availability. Types of threats and risk, overview of some of the manual, procedural and automated controls in real life IT.

**BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM V**

**PROGRAMME CODE: C01115**

**COURSE NAME: ENVIRONMENTAL IMPACT ASSESSMENT**

**COURSE OUTCOME:**

**CO1:** Students understand the concept of EIA and Scope and object of EIA.

**CO2:** Students learn various steps of EIA and Content of EIA and Assessment methodology.

**CO3:** Students get the knowledge about Environmental Impact Assessment Notification (1994).

**CO4:** Students understand detailed content of EIS and Use of visual display methods.

**COURSE NAME: STRATEGIC MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students understand Strategy Formulation.

**CO2:** Students understand Strategy Implementation.

**CO3:** Students understand Strategy Evaluation.

**CO4:** Students learn Implementation of strategy to functional areas.

**CO5:** Students understand the general characteristics of an effective Evaluation System.

**COURSE NAME: ENTREPRENEURSHIP MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students understand the concept, meaning and definition of entrepreneur and entrepreneurship.

**CO2:** Students learn the factors influencing entrepreneurial development and motivation.

**CO3:** Students learn the Idea generation – sources and methods

**CO4:** Students learn the Social Entrepreneurship-Definition, importance and social responsibilities- NGOs

**COURSE NAME: ENVIRONMENTAL LEGISLATION**

**COURSE OUTCOME:**

**CO1:** Students are enlightened with Constitutional Provisions for Environmental Protection.

**CO2:** Students get the information about Environmental Acts, Rules and Notifications.

**CO3:** Students get the knowledge about the Hazardous Waste (Management & Handling) Rules.

**CO4:** Students are made aware about Public Liability Insurance Act and Rule.

**CO5:** Students learn about Water (Prevention & Control of Pollution) Cess Act and the corresponding Rule.

**COURSE NAME: PROJECT MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students under the concept of Project Life Cycle.

**CO2:** Students learn about Functional Manager and Project Manager.

**CO3:** Students learn Project Planning and Coordination.

**CO4:** Students learn Network Techniques PERT and CPM.

**CO5:** Students get the knowledge about Project Control and Purposes, Types of Control and Processes.

**COURSE NAME: BUSINESS ETHICS**

**COURSE OUTCOME:**

**CO1:** Students are acquainted with basic concepts of Business Ethics.

**CO2:** Students learn the Indian Perspective of Ethics.

**CO3:** Students learn the Global Perspective of Ethics.

**CO4:** Students understand the Ethical issues and functional aspects of business.

**BACHELOR OF COMMERCE (ENVIRONMENTAL MANAGEMENT & ECONOMICS) SEM VI**

**PROGRAMME CODE: C01116**

**COURSE NAME: CORPORATE SOCIAL RESPONSIBILITY (CSR)**

**COURSE OUTCOME:**

**CO1:** Students understand the concept Building Blocks of CSR / Sustainability.

**CO2:** Students learn Standards and Codes.

**CO3:** Students understand the role of engaging the stakeholder

**CO4:** Students get the knowledge of Human Rights – UN Charter

**COURSE NAME: SOLID AND HAZARDOUS WASTE MANAGEMENT**

**COURSE OUTCOME:**

**CO1:** Students understand concept of Solid Waste

**CO2:** Students get knowledge about the Collection, Segregation and Transport of Municipal Solid Wastes.

**CO3:** Students acquire the knowledge of Municipal Solid Waste Management.

**CO4:** Students understand the concept Hazardous Wastes.

**CO5:** Students learn Hazardous Wastes Management.

## **COURSE NAME: ENVIRONMENT AND ECO TOURISM**

### **COURSE OUTCOME:**

**CO1:** Students get acquainted with basic concept of Economic development.

**CO2:** Students understand the role of rural social structure and caste system.

**CO3:** Students learn the Concepts of Tourism.

**CO4:** Students learn the concept of Principles of Ecotourism.

**CO5:** Students understand the impact of Ecotourism.

## **COURSE NAME: DISASTER MANAGEMENT**

### **COURSE OUTCOME:**

**CO1:** Students learn the types of natural calamities, major and minor calamities.

**CO2:** Students understand Natural disaster – cyclone – Tsunami – flood – Landslides – earth quake.

**CO3:** Students understand the concept manmade disaster – Wars – Biological war.

**CO4:** Students understand the concept Medical Management of disaster – Disaster Impacts and response.

**CO5:** Students understand the concept Environmental Disaster – Assessment, Planning.

## **COURSE NAME: ENVIRONMENTAL PROBLEMS, HAZARDS AND MITIGATION**

### **COURSE OUTCOME:**

**CO1:** Students understand the Natural and Man-made Environmental Problems

**CO2:** Students understand the concept Global and Regional Environmental Issues

**CO3:** Students understand the problems of Urban Environment

**CO4:** Students understand the concept problems of Rural Environment

**CO5:** Students understand Environmental problems related to forest and wetlands

**COURSE NAME: CORPORATE GOVERNANCE**

**COURSE OUTCOME:**

**CO1:** Students learn the basic concept of Corporate Governance

**CO2:** Students understand the role of CEO, Board and Senior Executives

**CO3:** Students learn the Financial Regulations and their scope in Corporate Governance

**CO4:** Students get the knowledge about the Agency Theory: Principal – Agent Relationship