

# UTKAL UNIVERSITY

## +3 CBCS SYLLABUS

### 1<sup>ST</sup> SEMESTER

## B.COM (HONOURS)

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## CORE-1.1: Environmental Science

**Objectives:** To provide information on environmental science, its resources and Management.

**Contents:**

### Unit 1: Introduction to Environmental Studies

Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development.

### Unit 2: Eco Systems

What is an ecosystem? Structure and function of 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 3: 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, dam building on environment, forests, biodiversity and tribal populations.

Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international and inter-state).

Energy Resources: Renewable and nonrenewable energy sources, use of alternate energy source, growing energy needs, case studies.

### Unit 4: Biodiversity and Conservation

Levels of biological diversity; genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots, 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: In-situ and Ex-situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational value.

## Unit 5: Environmental Pollution

Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution, Nuclear hazards and human health risks, Solid waste management: control measures of urban and industrial waste. Pollution case studies.

***Learning Outcomes: After completion of this paper, students would be able to analyse the ways in which the natural environment and the society impacts the establishment and continuation of business. Along with that, they would also gain knowledge about the ways and means of managing the natural resources for the benefit of both i.e. the business and the society thereby creating a win-win situation.***

### **BOOKS FOR REFERENCE:**

- ✓ *Text Book of Environmental Studies, D.K.Asthana&MeeraAsthana, S.Chand*
- ✓ *Principles of Environmental Studies–P. C. Manoharachary& P. J. Reddy B. S. Pub., 2004*
- ✓ *Introduction to an Environmental Science–Y. Anjaneyulu, B. S. Pub. 2004.*
- ✓ *Ecology–Subramanyam&Sambamurty, Narosa Pub. House, 2000.*
- ✓ *A Text Book in Environmental Science–V. Subramaniam, Narosa Pub. House, 2000*
- ✓ *Managing Industrial Pollution –S. C. Bhatia, Mac Millan, 2003.*
- ✓ *Man and Environment–Dash and Mishra, Mac Millan*
- ✓ *Environment and Society–Mishra and Dash, Mac Millan*
- ✓ *Text Book of Environmental Science–Panigrahi and Sahu, SadgranthMandir.*
- ✓ *Environment and Ecology, De and De, S.Chand*
- ✓ *Environmental Management, G.N.Pandey, Vikash Publishing*

## CORE-1.2: Financial Accounting

*Objectives: The objective of this paper is to help students to acquire conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions.*

### Contents

#### Unit 1: (a) Theoretical Framework

- i. Accounting as the language of business and an information system, the users of financial accounting information and their needs. Qualitative characteristics of accounting information. Functions, advantages and limitations of accounting. Branches of accounting. Bases of accounting; cash basis and accrual basis.
- ii. The nature of financial accounting principles – Basic concepts and conventions: entity, money measurement, going concern, cost, realization, accruals, periodicity, consistency, prudence (conservatism), materiality and full disclosures and Accounting Equation.

#### (b) Accounting Process

From recording of business transactions to the preparation of trial balance including adjustments: journal, sub-division of journal, ledger accounts, trial balance

#### Unit 2: Business Income

- i. Measurement of business income-Net income: the accounting period, the continuity doctrine and matching concept. Objectives of measurement and revenue recognition.
- ii. Depreciation Accounting: The accounting concept of depreciation. Factors in the measurement of depreciation. Methods of computing depreciation: straight line method and diminishing balance method; Disposal of depreciable assets-change of method. Salient features of Accounting Standard (AS): 6 (ICAI)
- iii. Inventory Accounting: Meaning. Significance of inventory valuation. Inventory Record Systems: periodic and perpetual. Methods: FIFO, LIFO and Weighted Average. Salient features of Accounting Standard (AS): 2 (ICAI)

#### Unit 3: Final Accounts

Capital and revenue expenditures and receipts: general introduction only. Preparation of financial statements of Sole Trade and Partnership Business with adjustments.

#### Unit 4: Hire Purchase and Installment Systems and Accounting for Branch & Department

- i. Concepts of operating and financial lease (theory only)
- ii. Departmental Accounting and Branch Accounting including foreign branch (Theory and Problem)

## Unit 5: Accounting for Partnership Firm

Accounting of Admission of partner, Retirement and Death of partner and Dissolution of the Partnership Firm Including Insolvency of partners

**Learning Outcomes:** The course structure of this paper would equip the students to get in-depth knowledge of financial accounting along with its practical application thereby giving an opportunity to gain easy access to this competitive business world.

### Suggested Readings:

1. Anthony, R.N. Hawkins, and Merchant, *Accounting: Text and Cases*. McGraw-Hill Education.
2. BalRanjan Kumar, *Financial Accounting* – S. Chand
3. Deepak Sehgal, *Financial Accounting* – Vikash Publication
4. Horngren, *Introduction to Financial Accounting*, Pearson Education.
5. Monga, J.R. *Financial Accounting: Concepts and Applications*. Mayoor Paper Backs, New Delhi.
6. Shukla, M.C., T.S. Grewal and S.C.Gupta. *Advanced Accounts. Vol.-I*. S. Chand & Co., New Delhi.
7. Maheshwari, S.N. and S. K. Maheshwari. *Financial Accounting*. Vikas Publishing House, New Delhi.
8. Sehgal, Ashok, and Deepak Sehgal. *Advanced Accounting. Part –I*. Taxmann Applied Services, New Delhi.
9. Bhushan Kumar Goyal and HN Tiwari, *Financial Accounting*, International Book House
10. Goldwin, Alderman and Sanyal, *Financial Accounting*, Cengage Learning.
11. Tulsian, P.C. *Financial Accounting*, **S. Chand**.
8. Jain, S.P. and K.L. Narang. *Financial Accounting*, Kalyani Publishers, New Delhi
9. Gupta, Nirmal. *Financial Accounting*, Sahitya Bhawan, Agra.
10. *Compendium of Statements and Standards of Accounting*. The Institute of Chartered Accountants of India, New Delhi

## CORE-1.3: Business Law

**Objective: The objective of the course is to impart basic knowledge of the important business laws along with relevant case laws.**

### Contents:

#### **Unit I: The Indian Contract Act, 1872: General Principle of Law of Contract**

- a) Contract – meaning, characteristics and kinds
- b) Essentials of valid contract - Offer and acceptance, consideration, contractual capacity, free consent, legality of objects.
- c) Void agreements
- d) Discharge of contract – modes of discharge including breach and its remedies.
- e) Contingent contracts
- f) Quasi - contracts

#### **Unit II: The Indian Contract Act, 1872: Specific Contracts**

- a) Contract of Indemnity and Guarantee
- b) Contract of Bailment
- c) Contract of Agency

#### **Unit III: The Sale of Goods Act, 1930**

- a) Contract of sale, meaning and difference between sale and agreement to sell.
- b) Conditions and warranties
- c) Transfer of ownership in goods including sale by non-owners
- d) Performance of contract of sale
- e) Unpaid seller – meaning and rights of an unpaid seller against the goods and the buyer.

#### **Unit IV: Partnership Laws**

##### **The Partnership Act, 1932**

- a. Nature and Characteristics of Partnership
- b. Registration of Firms
- c. Types of Partners
- d. Rights and Duties of Partners
- e. Implied Authority of a Partner
- f. Incoming and outgoing Partners
- g. Mode of Dissolution of Partnership

#### **Unit V: The Negotiable Instruments Act 1881**

- a) Meaning and Characteristics of Negotiable Instruments : Promissory Note, Bill of Exchange, Cheque
- b) Holder and Holder in due Course, Privileges of Holder in Due Course.
- c) Negotiation: Types of Endorsements
- d) Crossing of Cheque
- e) Bouncing of Cheques

***Learning Outcomes: The students would be able to deal with the legal aspect of different business situations.***

**Suggested Readings:**

1. Kuchhal, M.C. and Vivek Kuchhal, *Business Law*, Vikas Publishing House, New Delhi.
2. Tulsian, P.C, *Business Law*, S.Chand
3. Gogna P.P.S, *Business & Industrial Law*, S.Chand
4. Singh, Avtar, *Business Law*, Eastern Book Company, Lucknow.
5. Maheshwari & Maheshwari, *Business Law*, National Publishing House, New Delhi.
6. Chadha, P. R., *Business Law* Galgotia Publishing Company, New Delhi.
7. Aggarwal S K, *Business Law*, Galgotia Publishers Company, New Delhi.
8. Goyal Bhushan Kumar and Jain Kinneri, *Business Laws*, International Book House
9. Ravinder Kumar, *Legal Aspects of Business*, Cengage Learning

## CORE-1.4: Micro Economics

**Objective:** *Objective of the course is to acquaint the students with the concepts of micro-economics dealing with consumer behaviour. The course also makes the student understand the supply side of the market through the production and cost behaviour of firms.*

### Contents:

#### Unit I: Demand and Consumer Behaviour

Concepts of revenue: Marginal and Average: Revenue under conditions of Perfect and imperfect competition Elasticity of demand: price, income and cross. Consumer Behaviour: Indifference curve analysis of consumer behavior; Consumer's equilibrium, Price elasticity and price consumption curve, income consumption curve and Engel curve, price change and income and substitution effects.

#### Unit II: Production and Cost

Production iso-quants, marginal rate of technical substitution, economic region of production, optimal combination of resources, the expansion path, returns to scale using iso-quants. Cost of Production: Social and private costs of production, long run and short run costs of production.

#### Unit III: Perfect Competition

Perfect competition: Assumptions. Equilibrium of the firm and the industry in the short and the long-runs, including industry's long run supply curve. Measuring producer surplus under perfect competition.

#### Unit IV: Monopoly

Monopoly: Monopoly short run and long run equilibrium. Shifts in demand curve and the absence of the supply curve. Measurement of monopoly power and the rule of thumb for pricing. Horizontal and vertical integration of firms.

#### Unit V: Imperfect Competition

Monopolistic Competition and Oligopoly: Monopolistic competition price and output decision-equilibrium. Monopolistic Competition and economic efficiency Oligopoly and Interdependence

**Learning Outcomes:** *The students would be able to apply tools of consumer behaviour and firm theory to business situations.*

### Suggested Readings:

1. Ahuja, H.L, Micro Economics, S.Chand
2. Dwivedi, D.N. Micro Economics, Vikash Publication
3. Pindyck, R.S., D. L. Rubinfeld and P. L. Mehta; *Microeconomics*, Pearson Education.
4. N. Gregory Mankiw, Principles of Micro Economics, Cengage Learning
5. Browning, E.K. and J.M. Browning; *Microeconomic Theory and Applications*, Kalyani Publishers, New Delhi.
6. Gould, J.P. and E.P. Lazear; *Microeconomic Theory*, All India Traveller Bookseller, New

Delhi.

7. Lipsey, R.G. and K.A. Chrystal; *Economics*, Oxford University Press.
8. Maddala G.S. and E. Miller; *Microeconomics: Theory and Applications*, McGraw-Hill International.
9. Salvatore, D. *Schaum's Outline of Theory and Problems of Microeconomic Theory*, McGraw-Hill, International Edition.
10. Bilas, Richard A. *Microeconomic Theory: A Graphical Analysis*, McGraw-Hill Book Co. Kogakusha Co. Ltd.
11. AmitSachdeva, *Micro Economics*, KusumLata Publishers.