

**GOA UNIVERSITY
TALEIGAO PLATEAU-GOA**

**SYLLABUS OF B.A. ECONOMICS (GENERAL AND HONOURS)
AS PER CHOICE BASED CREDIT SYSTEM**

CBCS STRUCTUE: ECONOMICS B.A.GENERAL AND B.A.HONOURS

A. Course Structure of B.A. Economics (General) Programme

Semester	Course Code	Credits	Course Name
I	DSC 1	4	Microeconomics – I
II	DSC 2	4	Microeconomics – II
III	DSC 3	4	Macroeconomics – I
IV	DSC 4	4	Macroeconomics – II
V	DSC 9	4	International Trade and Finance – I
	DSE 11	4	Public Finance – I
	DSE 13	4	Indian Economy – I
VI	DSC 10	4	International Trade and Finance – II
	DSE 12	4	Public Finance – II
	DSE 14	4	Indian Economy – II
	DSE 15	4	Research Methodology – I / Project
Total Economics Subjects		44	
Total BA Credits		132	

DSE 11 of B.A. General is DSC 11 of B.A. Honours

DSE 12 of B.A. General is DSC 12 of B.A. Honours

DSE 13 of B.A. General is DSC 13 of B.A. Honours

DSE 14 of B.A. General is DSC 14 of B.A. Honours

B. Course Structure for B.A. Economics (Honours) Programme

Semester	Course Code	Credits	Course Name
I	DSC 1	4	Microeconomics – I
	DSC 5	4	Growth and Development – I
II	DSC 2	4	Microeconomics – II
	DSC 6	4	Growth and Development – II
III	DSC 3	4	Macroeconomics – I
	DSC 7	4	Environmental Economics – I
IV	DSC 4	4	Macroeconomics – II
	DSC 8	4	Environmental Economics – II
V	DSC 9	4	International Trade and Finance – I
	DSC 11	4	Public Finance – I
	DSC 13	4	Indian Economy – I
	DSE 1	4	Quantitative Methods in Economics – I
	DSE 3	4	Labour Welfare and Relations – I
	DSE 5	4	Statistical Methods and Introduction to Econometrics - I
VI	DSC 10	4	International Trade and Finance – II
	DSC 12	4	Public Finance – II
	DSC 14	4	Indian Economy – II
	DSE 2	4	Quantitative Methods in Economics – I
	DSE 4	4	Labour Welfare and Relations - I
	DSE 6	4	Statistical Methods and Introduction to Econometrics – I OR Project
Total Economics Subjects		80	
Total BA Credits		144	

**GOA UNIVERSITY
TALEIGAO PLATEAU-GOA**

NOTE:

1. DSC 1, 2, 3, 4, 9, 10 are common core courses for B.A General and B.A Honours with same code numbers.
2. DSC 5, 6, 7, 8 are only for B.A. Honours (for extra core courses for B.A. Honours in the semesters I to IV)
3. DSC 11, 12, 13, 14 for B.A. Honours are DSE 11, 12, 13, 14 for B.A. General (Core for B.A. Honours is Elective for General).
4. DSE 1, 2, 3, 4, 5, 6 are only for B.A. Honours.

**B.A. ECONOMICS (Semester-I)
(GENERAL / HONOURS)**

**Microeconomics- Paper I
[Core Course-Eco DSC 1]**

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To enable students to understand how optimum real life decisions are taken by individuals and firms under situations of scarcity.*

1. Demand and Supply (20 Lectures)

Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems -meaning, types and features of capitalism. Socialism and mixed economy

Demand and Supply: Law of Demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand, Law of Supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply, market equilibrium.

Applications of demand and supply: price rationing, price floors, consumer surplus, producer surplus.

2. Elasticity of Demand and Supply (10 Lectures)

Price elasticity of demand, types, measurement, determinants and importance; Cross and Income elasticity of demand -meaning, types and measurement.

Elasticity of supply: types, determinants, measurement.

3. Consumer Theory (15 Lectures)

Concept of utility, diminishing marginal utility, diamond-water paradox, consumer equilibrium; consumer choice: indifference curves, budget constraint, equilibrium, income and substitution effects; derivation of demand curve from indifference curve; introduction to Revealed Preference.

4. Production and Costs (15 Lectures)

Production: behaviour of profit maximising firms, production process, production functions, Law of Variable Proportions, Returns to Scale, choice of technology, isoquant and isocost lines, cost minimizing equilibrium condition.

Costs: Cost concepts-economic, accounting, explicit, implicit, fixed, variable, sunk, opportunity, costs in the short run, costs in the long run, economies and diseconomies of scale -meaning and types, economies and diseconomies of scope -meaning.

Main Text

Pindyck, Robert S., Rubinfeld, Daniel L. and Mehta, Prem L.
(2009). *Microeconomics*. Pearson Education. [Dorling Kindersle (India) Pvt. Ltd.] New Delhi

References

- Case, Karl E., Ray C. Fair and S. Oster (2014). *Principles of Economics*, 9th Edition. Pearson Education, New Delhi.
- Koutsoyiannis, A. (1979). *Modern Microeconomics* – 2nd Ed. English Language Book Society, London
- Samuelson, Paul A. & Nordhaus, William D. (2010). *Economics* – 19th Ed. Tata McGraw Hill, New Delhi.

B.A. ECONOMICS (Semester-II)
(GENERAL / HONOURS)

Microeconomics- Paper II
[Core Course- Eco DSC 2]

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To enable students to understand how optimum decisions are taken by firms under different market conditions.*

1. Perfect Competition (15 Lectures)

Assumptions / features: Theory of a firm under perfect competition, demand and revenue; equilibrium of the firm in the short run and long run; long run industry supply curve: increasing, decreasing and constant cost industries.

2. Monopoly (15 Lectures)

Features; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination -meaning, types, influencing factors, price-output determination.

3. Monopolistic Competition and Oligopoly (20 Lectures)

Monopolistic competition: features, short run & long run price and output determination, social cost, excess capacity, economic efficiency and resource allocation.

Oligopoly: features, price rigidity and kinked demand curve.

4. Income Distribution and Factor Pricing (10 Lectures)

Input markets: demand for inputs; labour markets -factors influencing level of wages, wage determination through demand and supply; Marginal Productivity Theory of Distribution.

Main Text

Pindyck, Robert S., Rubinfeld, Daniel L. and Mehta, Prem L. (2009). *Microeconomics*. Pearson Education. [Dorling Kindersle (India) Pvt. Ltd.] New Delhi

References

Case, Karl E., Ray C. Fair and S. Oster (2014). *Principles of Economics*, 9th Edition. Pearson Education, New Delhi.

Koutsoyiannis, A. (1979). *Modern Microeconomics* – 2nd Ed. English Language Book Society, London

Samuelson, Paul A. & Nordhaus, William D. (2010). *Economics* – 19th Ed. Tata McGraw Hill, New Delhi

B.A. ECONOMICS (Semester-III)
(GENERAL / HONOURS)

Macroeconomics – Paper I

[Core Course- Eco DSC 3]

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To expose students to national income accounting and the role of government, trade and money in the modern economy.*

1. Introduction and National Income Accounting (Lectures 15)

The nature of macroeconomics; Major macroeconomic issues; Meaning of National Income; National Income and related aggregates; Measurement of National Income; Nominal and Real income; Limitations of the GDP concept.

2. Determination of National Income: Two Sector Model (Lectures 15)

Actual and Potential GDP; Aggregate Expenditure; Consumption Function; Investment Function; Equilibrium GDP; concepts of APC, MPC, APS, MPS; Autonomous Expenditure; Concept of Multiplier.

3. Determination of National Income: Three Sector and Four Sector Models

(Lectures 15)

Fiscal Policy: Role of Government Expenditure and Taxes; Foreign Trade; Net Export Function; Balance of Payments: Concept and Structure.

4. Money in a Modern Economy (Lectures 15)

Concept of Money in a Modern Economy; Monetary Aggregates; Demand for Money; Quantity Theory of Money; Liquidity Preference and Rate of Interest; Money supply and Credit creations; Monetary Policy.

Main text

Abel, Andrew B, Ben Bernanke and Dean Croushore (2011) *Macroeconomics*, 7th edition. Pearson, Boston.

References

Blanchard, Oliver (2009). *Macroeconomics*, 5th edition. Pearson Education, New Delhi.
Case, Karl E. and Ray C. Fair (2007) *Principles of Economics*, 8th edition. Pearson Education.
Dornbusch, Fischer and Statz (2010). *Macroeconomics*, 11th edition. McGraw Hill, New Delhi.
Hyman, David N. (1997). *Macroeconomics*. Irwin, Chicago.
Mankiw, N. Gregory (latest edition). *Macroeconomics*. Worth Publishers, New York.

B.A. ECONOMICS (Semester-IV)
(GENERAL / HONOURS)
Macroeconomics – Paper II
[Core Course- Eco DSC 4]

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To introduce the manner in which commodity, labour and money markets interact to determine prices and employment.*

1.IS-LM Analysis (Lectures 15)

Derivation of IS and LM functions; Shifts in IS curve and LM curve; Simultaneous Equilibrium in the Goods Market and Money Market.

2.Aggregate Demand and Aggregate Supply (Lectures 15)

The concept of aggregate demand; Derivation of aggregate demand curve; Shifts in aggregate demand curve; The concepts of aggregate supply and aggregate supply curve; Short run aggregate supply curve; Shifts in short run aggregate supply curve; Macroeconomic equilibrium, long-run aggregate supply curve.

3.Inflation and Unemployment (Lectures 15)

Concept of Inflation; Determinants of Inflation; Unemployment: Meaning and types; the relationship between Inflation and Unemployment: Philips curve in the short run and long run.

4.Economic Fluctuations and Macroeconomic Policy (Lectures 15)

Business Cycles: meaning and features; Phases of a Business Cycle; Theories of Business Cycles; The role of Fiscal Policy and Monetary Policy in Economic Stabilization.

Main text

Abel, Andrew B, Ben Bernanke and Dean Croushore (2011) *Macroeconomics*, 7th edition. Pearson, Boston.

References

Blanchard, Oliver (2009). *Macroeconomics*, 5th edition. Pearson Education, New Delhi.
Case, Karl E. and Ray C. Fair (2007) *Principles of Economics*, 8th edition. Pearson Education.
Dornbusch, Fischer and Statz (2010). *Macroeconomics*, 11th edition. McGraw Hill, New Delhi.
Hyman, David N. (1997). *Macroeconomics*. Irwin, Chicago.
Mankiw, N. Gregory (latest edition). *Macroeconomics*. Worth Publishers, New York.

B.A. ECONOMICS (Semester-I)
(HONOURS)
Growth and Development-Paper I
[Core Course- Eco DSC 5]

Credits: 04

Lectures: 60 (1 hour each)

Objectives: *To develop the student's ability to understand the dynamics of change in the economy and society from a theoretical framework.*

1. Economic Growth and Development (Lectures 20)

Meaning of Economic Growth and Development; Measuring Development and Development Gap; Per Capita Income, Human Development Index, Human Poverty Index; Other dimensions of the Development Gap: Unemployment, Education, Inequality and Distribution of Income, Growth and Distribution, Nutrition and Health, Poverty, Famine and Entitlements, Food Production, Basic Needs; The characteristics of Underdevelopment.

2. Land and Labour (Lectures 10)

Land: The Role of Agriculture in Development, The Supply Response of Agriculture, The Interdependence of Agriculture and Industry; Labour: Economic Development with Unlimited Supplies of Labour, Rural-Urban Migration and Urban Unemployment, Disguised Unemployment (types and measurement).

3. Capital (Lectures 10)

The Role of Capital in Development; The Capital-Output Ratio; Investment in Human Capital; Obstacles to Development: Dualism, the process of Cumulative Causation, Regional Inequalities, The Conflicting Role of Population Growth in the Development Process.

4. Theories of Economic Growth and Development (Lectures 20)

Contribution of Smith, Ricardo, Malthus and Marx (in brief); Balanced and Unbalanced Growth, Model of the Low-level Equilibrium Trap, Critical Minimum Effort Thesis; Neo-Classical Growth Theory: Solow-Swan; New Growth Theories: Romer-Lucas.

Main text

Thirlwall, A.P. (2006). *Growth and Development with special reference to Developing Economies*, 8th Edition. Palgrave Macmillan, London.

References

Gillis M., Perkins D.H, Roemer M. and Snodgrass D.R. (1983). *Economic Development*. W.W. Norton & Co, New York.

Hayami, Yujiro and Godo, Yoshihisa (2008). *Development Economics- From the Poverty to the Wealth of Nations*. Oxford University Press, New Delhi.

Meier G.M. and Rauch J.E. (2005). *Leading issues in Economic Development*, 6th Edition. Oxford University Press.

**GOA UNIVERSITY
TALEIGAO PLATEAU-GOA**

Ray, Debraj (1998). *Development Economics*. Oxford University Press, Delhi.

Todaro, Michael P. and Smith, Stephen (2014). *Economic Development*, 12th edition. Prentice Hall, New Delhi.

Yotopoulos, Ran A. and Nugent, Jeffery B. (1976). *Economics of Development-Empirical Investigation*, Harper & Row Publisher, New York.

B.A. ECONOMICS (Semester-II)
(HONOURS)
Growth and Development-Paper II
[Core Course- Eco DSC 6]

Credits: 04

Lectures: 60 (1 hour each)

Objectives: *To acquaint the students with the role of technological progress in development and to familiarize them with the institutional set-up promoting economic development.*

1. Technological Progress and Development (Lectures 15)

Marx versus Kuznets Pattern of Economic Growth: Technological conditions of the two Growth Patterns; Sources and types of Technological Progress (Capital and Labour saving); Technological Progress of Societies; Learning by Doing.

2. Institutions and Economic Systems (Lectures 15)

The Economic Functions of the Market and the State; The Rise and Fall of Developmentalist Models; Success and Failure of the New Developmental Market Economies; Resurgence of Market Liberalism and its consequences.

3. The Role of Community in Economic Development (Lectures 15)

The Economic Functions of Community; Rural Organization in Developing Economies; The Community in Market Development; Towards an Optimal combination of the Community, the Market and the State.

4. Institutional Reforms and Freedom (Lectures 15)

Role of Institutional Reforms; Amartya Sen's Institutional Freedoms as Ends and Means of Development: Political Freedoms; Economic Facilities; Social Opportunities; Transparency Guarantees; Protective Security.

Main text

Hayami, Yujiro and Godo Yoshihisa (2008). *Development Economics - From the Poverty to the Wealth of Nations*. Oxford University Press, New Delhi.

References

- Gillis M, Perkins D.H, Roemer M. and Snodgrass D.R. (1983). *Economic Development*. W.W. Norton & Co, New York.
- Meier G.M. and Rauch J.E. (2005). *Leading issues in Economic Development*, 6th Edition. Oxford University Press.
- Ray, Debraj (1998). *Development Economics*. Oxford University Press, Delhi.
- Sen, Amartya (1999). *Development as Freedom*. Oxford University Press, Delhi.
- Thirlwall, A.P. (2006). *Growth and Development with special reference to Developing Economies*, 8th Edition. Palgrave Macmillan, London.

**GOA UNIVERSITY
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Todaro Michael P. and Smith, Stephen (2014). *Economic Development*, 12th edition. Prentice Hall, New Delhi.

Yotopoulos, Ran A. and Nugent, Jeffery B. (1976). *Economics of Development - Empirical Investigation*. Harper & Row Publisher, New York.

B.A.ECONOMICS (Semester-III)
(HONOURS)
Environmental Economics - Paper I
(Core Course-Eco DSC 7)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To understand the environment-economy inter-linkages and the consequences of economic processes on the environment.*

1) Economy and Environment (Lectures 15)

Environmental Economics (concept); Interlinkages between Economy and Environment, Markets and the Environment – The Power of Markets, Market Failure, Markets for the Environment, Biological Diversity as a Resource, Types of Pollutants, Environmental damages not related to emissions, Fundamental balance in economic activity.

2) Valuing the Environment: Concepts (Lectures 15)

Meaning of Economic Value, Economic Value of the Environment, Cost Benefit Analysis, Uses of Environmental CBA, Other Uses of Environmental Valuation, Environment Impact Assessment and Economic Impact Assessment

3) Valuing the Environment: Methods (Lectures 15)

Stated Preference Methods, Contingent Valuation and Choice Experiments, Revealed Preference Methods, Hedonic Pricing method, Travel Cost Models, Production Function Approaches, Benefits Transfer.

4) Economic Growth, Environment and Sustainable Development (Lectures 15)

Economic Growth and Development – Predictions from the past, Growth and the Environment: The Environmental Kuznets Curve, Broadening the Issue: The Economics of Sustainable Development, Measuring Sustainability.

Main text

Field, Barry (2010). *Environmental Economics - An Introduction*, McGraw Hill.

Hanley, N; Shogren, J. and Ben White (2013). *Introduction to Environmental Economics*, Oxford University Press, U.K.

References

Berck, Peter and Helfand, Gloria (2010). *Economics of the Environment*, Prentice Hall, U.S.A.

Bhattacharya, Rabindra (2014). *Environmental Economics. An Indian Perspective* Oxford, New Delhi

Katar Singh, Anil Shishodia (2015). *Environmental Economics: Theory and Applications*. Sage Publications, New Delhi

Kolstad, Charles (2010). *Intermediate Environmental Economics*, 2ndEd.Oxford University Press.

Perman, Roger, MaYue, Common Michael, Maddison David and Mcgilvray James (2011).

Natural Resource and Environmental Economics, 4th Edition.

B.A.ECONOMICS (Semester-IV)
(HONOURS)
Environmental Economics - Paper II
(Core Course-Eco DSC 8)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To understand the environment-economy inter-linkages and the consequences of economic processes on the environment.*

1. Trade and the Environment(Lectures12)

Gains from Trade, Extending the Basic Trade Model to include the Environment, Empirical Evidence on the Trade Effects of Environment Regulation, International Trade Agreements and the Environment

2. The Economics of Climate Change (Lectures12)

International Environmental Problems, The Challenge of International Co-ordination, The Benefits and Costs of International Co-operation, The Nature of Environmental Problems in Developing Countries, Contribution of Industrialized Countries to Emissions, Recent Global Initiatives to address Climate Change Concerns

3. Forests (Lectures12)

Benefits of Forests, Forest Distribution and Losses, Economic Theories of Deforestation, Tropical Deforestation and Poverty, Forestry Managements, Preservation of Natural forests; Policies for Rainforest Conservation.

4. The Economics of Water Pollution (Lectures12)

Introduction, The Costs of Water Pollution Control, Non-point source Water Pollution, Measuring Water Quality Benefits, Problems for Cost Benefit Analysis of water quality improvements.

5.Non-renewable Natural Resources and Energy (Lectures 12)

Natural Resources, Types, The Extraction of Non-renewable Resources, Measuring Resource Scarcity, Methods of Resource Conservation, Global Energy Demand and Supply, Global Issues in Energy Policy.

Main text

Field, Barry (2010). *Environmental Economics - An Introduction*, McGraw Hill.

Hanley, N; Shogren, J. and Ben White (2013). *Introduction to Environmental Economics*, Oxford University Press, U.K.

References

Berck, Peter and Helfand, Gloria (2010).*Economics of the Environment*, Prentice Hall, U.S.A.

Bhattacharya, Rabindra (2014). *Environmental Economics. An Indian Perspective* Oxford, New Delhi

Katar Singh, Anil Shishodia (2015). *Environmental Economics: Theory and Applications*. Sage Publications, New Delhi

Kolstad,Charles (2010). *Intermediate Environmental Economics*, 2ndEd.Oxford University Press.

Perman, Roger, MaYue, Common Michael, Maddison David and Mcgilvray James (2011). *Natural Resource and Environmental Economics*, 4th Edition.

GNEREALELECTIVE COURSES

B.A. in Economics (Semester-1)
(General/ Honours)

Entrepreneurship Development – I
(Generic Elective Course in Economics- Eco GE 1)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To expose students to entrepreneurship and to develop skills to be an effective businessmen and to identify areas of utmost importance in the starting and managing of the business.*

1. **Entrepreneur** (Lectures 7)
Entrepreneurship and Enterprise; Achievement Motive; Need for and Characteristics of Entrepreneurship; Role and functions of Entrepreneurs.
2. **Types of Businesses and Industries** (Lectures 5)
Extraction, Manufacturing and Services; Demand-based and Resources-based; Import-substitution and Export-promotion Businesses.
3. **Identification and Evaluation of Business Opportunities** (Lectures 10)
Porter's Five Forces Analysis (Market Structure Analysis); The SWOT Technique: Analysis of Strengths, Weaknesses, Opportunities and Threats.
4. **Market Surveys and Feasibility Studies** (Lectures 8)
Choice of Technology, Plant and Equipment.
5. **Venturing Methods** (Lectures 10)
Ownership Patterns; Legal Requirements Pertaining to the Setting up of Business.
6. **Financial Incentives and Promotional Schemes of the Government of India and Government of Goa.** (Lectures 5)
7. **Financial Procedures** (Lectures 8)
Funds and Funding; Institutions and Entrepreneurship Support Systems.
8. **Purpose and Components of a Business Plan / Project Report** (Lectures 7)

References:

1. Adam, Everette (1997), Production and Operations Management, Prentice Hall India, New Delhi
2. Baker, Michael J. (1996), Marketing: An Introductory Text, Macmillan, London.
3. Colombo Plan Staff College for Technical Education, Manila (1999): Entrepreneurship Development, Tata McGraw Hill, New Delhi.
4. Chandra, Prasana (1995), Projects: Planning, Analysis, Selection, Implementation &

GOA UNIVERSITY
TALEIGAO PLATEAU-GOA

- Review, Tata McGraw Hill, New Delhi.
5. Davies, M. M.; Aquilano N. J.; Chase R. B. (1999), Fundamentals of Operations Management, Irwin-McGraw Hill, Boston.
 6. Dessai, Vasant (1996), Dynamics of Entrepreneurial Development and Management, Himalaya, Mumbai.
 7. Government of Goa, Daman and Diu (Law and Judiciary Department): The Goa, Daman and Diu Shops and Establishments Act, 1973.
 8. Horngren, Charles (1997), Cost Accounting- A Managerial Emphasis, Prentice Hall India, New Delhi.
 9. Kuriloff, A. H.; Hemphill J. M. (1988), Starting and Managing the Small Business, McGraw Hill, New York.
 10. Kazmi, Azhar (1997), Business Policy, Tata McGraw Hill, New Delhi.
 11. Kotler, Philip (1997), Marketing Management, Prentice Hall India, New Delhi
 12. Kossek, Ellen Ernst; Block Richard N. (2000), Managing Human Resources in the 21st Century: From Core Concepts to Strategic Choice, South-Western College Publishing, USA
 13. Kanka, S. S. (2005), Entrepreneurship Development, S. Chand, New Delhi
 14. Mishra, S. K. (2002), Labour and Industrial Law, Allahabad Law agency, Faridabad (Haryana).
 15. Patel, J. B.; Modi S. S. (1995), A Manual on Business Opportunity Identification and Selection, Entrepreneurship Development Institute of India, Ahmedabad.
 16. Pandey, I. M. (1998), Management Accounting, Vikas, New Delhi.
 17. Pandey, G. N. (1995), A Complete Guide to Successful Entrepreneurship, Vikas, New Delhi

B.A. in Economics (Semester-II)
(General/Honours)

Entrepreneurship Development – II
(Generic Elective Course in Economics- Eco GE 2)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To expose the students to accounting, marketing and financial system for starting, managing and running of the business.*

- 1. Costs, Price, Profits and Book of Accounts (Lectures 12)**
Analysis of Costs and Costing Strategies; Market structures and Pricing Strategies; Cost-Volume-Profit Analysis. Financial Statements and Funds Flow Analysis.
- 2. Elements of Marketing and Sales Management: (Lectures 10)**
Marketing Channels; Marketing Mix and Role of Advertising; Nature of the Product/Service and Market Strategies.
- 3. Management of Plant and Equipment; Management of Materials; Inventory Control Strategies. Management of Human Resources (Lectures 15)**
Importance and Scope of Human Resources Management.
- 4. Important provisions of Shops and Establishments Act; Factories Act; Sale of Goods Act (Lectures 5)**
- 7. Taxation and Entrepreneurship (Lectures 8)**
Income Tax; Value Added Tax (Sales Tax, Central Excise); Customs Duties.
- 8. Coping with Uncertainty; Stress Management and Positive Reinforcement. Social Responsibility of Business and Business Ethics (Lectures 10)**

References:

1. Adam, Everette (1997), Production and Operations Management, Prentice Hall India, New Delhi
2. Baker, Michael J. (1996), Marketing: An Introductory Text, Macmillan, London.
3. Colombo Plan Staff College for Technical Education, Manila (1999): Entrepreneurship Development, Tata McGraw Hill, New Delhi.
4. Chandra, Prasana (1995), Projects: Planning, Analysis, Selection, Implementation & Review, Tata McGraw Hill, New Delhi.
5. Davies M. M.; Aquilano N. J.; Chase R. B. (1999), Fundamentals of Operations Management, Irwin-McGraw Hill, Boston.
6. Dessai, Vasant (1996), Dynamics of Entrepreneurial Development and Management, Himalaya, Mumbai.
7. Government of Goa, Daman and Diu (Law and Judiciary Department) (1973): The Goa, Daman and Diu Shops and Establishments Act
8. Horngren, Charles (1997), Cost Accounting: A Managerial Emphasis, Prentice Hall India, New Delhi.

**GOA UNIVERSITY
TALEIGAO PLATEAU-GOA**

9. Kuriloff ,A. H.; Hemphill J. M. (1988), Starting and Managing the Small Business, McGraw Hill, New York.
10. Kazmi, Azhar (1997), Business Policy, Tata McGraw Hill, New Delhi.
11. Kotler, Philip (1997), Marketing Management, Prentice Hall India, New Delhi
12. Kossek, Ellen Ernst; Block Richard N. (2000), Managing Human Resources in the 21st Century: From Core Concepts to strategic Choice, South-Western College Publishing, USA
13. Kanka ,S. S. (2005), Entrepreneurship Development, S. Chand, New Delhi
14. Mishra, S. K. (2002), Labour and Industrial Law, Allahabad Law agency, Faridabad (Haryana).
15. Patel, J. B.; Modi S. S. (1995), A Manual on Business Opportunity Identification and Selection, Entrepreneurship Development Institute of India, Ahmedabad.
16. Pandey, I. M. (1998), Management Accounting, Vikas, New Delhi.
17. Pandey, G. N. (1995), A Complete Guide to Successful Entrepreneurship, Vikas, New

B.A. in Economics
(General/Honours)

Demography and Population Studies I
(Generic Elective Course in Economics- Eco GE 3)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To study population dynamics at the national and international levels and also to focus on various concepts, theories related to population studies in the context of economic development of India*

1. Introduction to Demography: (Lectures 10)

Nature, Scope and importance of Demography, relation of Demography with other social sciences, Demography and Population Studies. Demographic analysis: some basic concepts. Demographic Data - nature, methods and sources of data collection.

2. Determinants of Population Change: (Lectures 12)

Fertility: Concepts and measures of fertility. Factors affecting fertility. Mortality: Concepts and measures of mortality, Sex and age differentials in mortality. Infant mortality. Causes of Death. Global HIV / AIDS epidemic. Migration: Terms and concepts, measures, determinants and consequences.

3. Population Structure and Characteristics: (Lectures 12)

Population structure, age and sex structure, sex ratio's in developed and developing countries, factors affecting sex ratio. Age structure, Problem of aging of populations. Factors determining age structure. Effects of migration on age structure. Marital Status - literacy and educational attainment - Religion. Population distribution by Residence: Rural - Urban Population, Concepts, terms and measures of urbanization, factors affecting rural - urban population distribution.

4. Population Growth and Economic Development: (Lectures 8)

Effects of population growth on Economic Development. Factors Promoting Economic Development. Factors Retarding Economic Development. Population and development issues in less developed economies.

5. Theories of Population: (Lectures 10)

Malthusian Theory of Population, Criticisms and applicability. Optimum Theory of Population. Its superiority over Malthusian Theory, criticisms, The Theory of Demographic Transition.

6. Population Policies: (Lectures 8)

Mortality influencing policies. Migration influencing policies. Fertility influencing policies.

References:

Ahmad, Noina Sharma (1997), Demographic Transition, Rawat Publications, New Delhi,
Alfred Savvy (1974), General Theory of Population, Nethuen & Co Ltd, London.

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TALEIGAO PLATEAU-GOA**

Bhende&Kanitkar (1982). Principles of population Studies , Himalaya Publishing Home, Mumbai.

Bhende A.A & Tara Kanitkar (2004), Principles of Population Studies, Himalaya Publishing House

Christopher Wilson (1985), Dictionary of Demography, Blackwell reference, UK

COX, PR (1993), Demography, Fifth edition. Universal Book Stall, New Delhi

Hans Raj (1998), Fundamentals of Demography Population Studies with Specific reference to India, SurjeetPublicaions, Delhi.

Jhingan, Bhatt B.K & J.N. Desai (2003), Demography, Vrinda Publications (P) Ltd. Delhi.

Pande G.C. (1990), Principles of Demography, Anmol Publications, New Delhi

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B.A. in Economics (Semester-II)
(General/Honours)
Demography and Population Studies II
(Generic Elective Course in Economics- Eco GE 4)

Credits: 04

Lectures: 60 (1 hour each)

Objective: *To expose students to various concepts concerning population of India and to provide an in-depth understanding of the same and also to make aware the population problems and various measures to tackle it.*

1. Demographic Studies in India: (Lectures 10)

Development of Demography in India, Teaching of Demography, Demand for Demographers in India. Scope for population research in India. Sources of Demographic Data in India. Census, Registration, Sample Surveys. Errors in Demographic Data. Census of India- Methodology of census, concept used, improvements made and problems faced.

2. Growth and Distribution of India's Population: (Lectures 10)

Size and growth of India's population, state wise distribution, population density, Causes of population growth, future projections, urban - rural population in India, growth of urban population, characteristics of urban population, causes of urbanization in India.

3. India's Population Structure and Characteristics: (Lectures 8)

Sex Structure, Age structure, occupational structure, marital status – literacy- Religion in India- Qualitative aspects of India's population.

4. Fertility and Mortality in India: (Lectures 14)

Birth rates in India- Methods of estimation. Causes of high birth rate. Age specific fertility rate - Fertility and family size in India - Differential fertility - Differential fertility in India -Age Specific fertility rate index- Fertility in urban-rural areas- Education and fertility - Economic status and fertility -Caste and fertility- Net Reproduction rate - Some important facts about fertility in India- Factors effecting fertility.

Mortality concept, Declining Death Rate of mothers and children in India- Expectation of life at birth- Regional variations in death rate- Age specific death rate- Infant mortality-Infant mortality rate in India- Expectation of life at birth- Expectation of life in states - Death rate by cause- Steps in checking mortality rate.

5. Migration in India: (lectures 6)

Migration from and to other countries, Internal migration, Rural-Urban migration in India, Marriage migration, Life-time Migration, Migration by Age, Reasons for Migration.

6. Population Policy, Population and Economic Development in India: (Lectures 12)

Family planning in India, Government policy to control population growth. India's population policy, 2000 – objectives, features, critical evaluations, Effects of population growth on Indian Economy. Population change and environmental impact in India.

7. Population Policy in India (Lectures 6)

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