

SYLLABUS & PROGRAMME STRUCTURE

Economics

(Honours)

(Choice Based Credit System)

(Effective from the Academic Session 2017-2018)

Fourth Semester

MAHARAJA BIR BIKRAM UNIVERSITY
AGARTALA, TRIPURA: 799004

PROGRAMME STRUCTURE

Structure of Proposed CBCS Syllabus B.A/B.Sc/B.Com Honours

Semester	Core Course (14) Honours	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE) (4)
1	C1 C2	AECC1: Environmental Science			GE1 (Paper-I of selected subject other than Hons subject)
2	C3 C4	AECC2 : (English/MIL (Communication)			GE2 (Paper-II of selected subject other than Hons subject)
3	C5 C6 C7		SEC1		GE3 (Paper-III of selected subject other than Hons subject)
4	C8 C9 C10		SEC2		GE4 (Paper-IV of selected subject other than Hons subject)
5	C11 C12			DSE1 DSE2	
6	C13 C14			DSE3 DSE4	

Semester-IV
Core Course –Paper- VIII
PRINCIPLES OF MICRO ECONOMICS-II

TOTAL MARKS – 100
(End semester- 80, Internal- 20)
(Credits: 6)

Unit-I

Intermediate Utility Analysis

Derivation of Price Demand Curve (PCC) for Normal & Giffen Goods; Derivation of Income Demand Curve (ICC) for Normal & Inferior Goods; PCC to Price Demand Curve; ICC to Income Demand Curve; Snob, Veblen & Band Wagon Effects; Samuelson's Revealed Preference Theory: Strong & Weak Axioms, Derivations of Demand Curve .

Unit-II

Perfect Competition & Monopoly

Perfect Competition: Features, Short Run & Long Run Equilibria; Derivation of Supply Curve of a Competitive Firm under External Economies & Diseconomies; Effect of Unit Tax under Perfect Competition; Monopoly: Causes, Features, Short Run & Long Run Equilibria; Absence of Supply Curve under Monopoly; Monopoly & Social Welfare; Monopoly & $e > 1$; Effect of Unit Tax under Monopoly.

Unit-III

Monopolistic Competition & Oligopoly

Monopolistic Competition: Concepts of Selling Cost, Product Differentiation & Group Equilibrium, Features, Short Run & Long Run Equilibria; Oligopoly: Features, Types, Sweezy's & Cournot's Models.

Unit-IV

Analysis of Factor Markets

Concepts of MPP, MRP, ARP & VMP; Adding Up Problem & Wicksteed's Solution; Marginal Productivity Theory (MPT) of Distribution; Ricardian Rent (Scarcity & Differential) , Quasi Rent & Modern Rent; Keynesian Liquidity Preference Theory of Interest ; Knight's Risk & Uncertainty Theory of Profits; Real & Money Wages, MPT of Wage Determination.

Suggested Readings:

1. Sampat Mukherjee, *Analytical Microeconomics*, New Central Book Agency (P) Ltd.
2. Joydeb Sarkhel, *Micro Economic Theory*, Book Syndicate Pvt. Ltd.
1. 3. Hal R. Varian, *Intermediate Microeconomics: A Modern Approach*, East- West Press, New Delhi.
3. Montosh Chakraborty, *Byastik Arthaniti*, Dhakeswary Library, Dhaka.
4. H.L. Ahuja, *Advanced Economic Theory*, S. Chand & Company Ltd.
5. Sampat Mukherjee & Debesh Mukherjee, *Samakalin Arthabidya*, New Central Book Agency (P) Ltd.
7. M.L. Jhingan- *Micro Economic Theory*, Vrinda Publications Pvt. Ltd.
8. Satya R. Chakraborty, *Microeconomics*, Allied Publishers Pvt Ltd.
9. Anil Kr. Basak, *Arthanitik Samasya Byastigata O Samastigata*.
10. Joydeb Sarkhel, *Adhunik Arthavidyar Bhumika*, Book Syndicate Pvt. Ltd.

Semester-IV
Core Course –Paper- IX
DEVELOPMENT ECONOMICS-II

TOTAL MARKS – 100
(End semester- 80, Internal- 20)
(Credits: 6)

Unit-I

Acceleration to Growth & Development

Rosenstein- Rodan's Big Push Theory; Nelson's Model of Low Level Equilibrium Trap, Leibenstein's Critical Minimum Effort Thesis, Dualism: Geographic, Social & Technological.

Unit-II

Trade & Economic Development

Free Trade Vs. Protection: Advantages & Disadvantages; Export Promotion & Import Substitution; Infant Industry Argument for Protection; Prebisch- Singer Thesis; Foreign Capital: Forms, Advantages & Disadvantages; Foreign Aid; Relationship between International Trade & Economic Development.

Unit-III

International Financial Agencies

World Bank: Organisation, Structure, Objectives, Functions & Evaluation; International Monetary Fund: Organisation, Structure, Objectives, Functions & Evaluation; World Trade Organisation: Organisation, Structure, Objectives, Functions & Evaluation; Globalisation & Economic Development.

Unit-IV

Environment and Development

Economic Development to Sustainable Development; Concept & Significance of Sustainable Development; Principles of Sustainability: Social, Economic & Environmental; Sustainable Indicators: Impact, Pressure & Sustainable; Environmental Accounting: Market Valuation Approach & Maintenance Valuation Approach; Poverty & Environment.

Suggested Readings:

1. Debraj Ray: *Development Economics*, Oxford University Press.
2. Joydeb Sarkhel : *An Introduction to Economics of Growth*, Calcutta Book House.
3. Joydeb Sarkhel: *Arthanaitik Unnayan: Pratisthan, Tattwa O Proyog*, Book Syndicate Pvt. Ltd.
4. Joydeb Sarkhel : *Economic Development: Institution, Theory & Policy*, Book Syndicate Pvt. Ltd.
5. R.K.Lekhi: *The Economics of Development & Planning*, Kalyani Publishers.
6. M.L.Jhingan: *The Economics of Development & Planning*, Vrinda Publications Pvt. Ltd.
7. Todoro, Michael P and Stephen C Smith: *Economic Development*, Pearson.
8. Thirlwall, A. P.: *Economics of Development*, Palgrave Macmillan.
9. Bhattacharya, R. N.: *Environmental Economics: An Indian Perspectives*, OUP, New Delhi
10. Shankar, U: *Environmental Economics*, OUP, New Delhi.
11. 11. Nick Hanley, Jason F, Shogren & Ben White: *Environmental Economics- in Theory and Practice*, Macmillan, New Delhi.
12. Kolstad, C.D : *Environmental Economics* Oxford University Press, New Delhi

Semester-IV
Core Course –Paper- X
STATISTICS FOR ECONOMICS-II

TOTAL MARKS – 100
(End semester- 80, Internal- 20)
(Credits: 6)

Unit-I
Correlation Analysis

Correlation: Scatter Diagram, Karl Pearson's Correlation Coefficient & Its Properties, Spearman's Rank Correlation Coefficient; Uses & Limitations of Correlation Coefficient; Simple Problems & Solutions.

Unit-II
Regression Analysis

Regression: Two Variable Linear Regression Analysis, Estimation of β & Angle between Two Regression Lines (Least Square Method); Regression Coefficients: Their Interpretations & Properties, Relation between Correlation & Regression Coefficients; Uses & Limitations of Regression Coefficients; Simple Problems & Solutions.

Unit-III
Theory of Probability

Probability: Basic Concepts, Addition & Multiplication Rules; Theorems of Probability: Total, Compound & Conditional Probabilities; Independent Events; Set Theoretic Proofs of Simple Probability Problems; Drawing With & Without Replacement, Simple Problems & Solutions on Playing Cards & Balls.

Unit-IV
Time Series and Index Number

Time Series: Definition & Components; Measurement of Trend: Free Hand Method, Methods of Semi-Average & Moving Average; Measurement of Seasonal Component; Index Numbers: Concept, Price Relative, Quantity Relative & Value Relative; Laspeyre's And Fisher's Indices, Family Budget Method, Problems in Construction & Limitations of Index Numbers, Test for Ideal Index Number.

Suggested Readings:

1. N.G. Das, *Statistical Methods (Vol-I & II)*, Tata McGraw- Hill.
2. S.C. Gupta and V.K. Kapoor, *Fundamentals of Mathematical Statistics*, Sultan Chand & Sons, Delhi.
3. Goon A. M, Gupta M. K. and Dasgupta, B. *Fundamentals of Statistics*, The World Press (P) Ltd.
4. Gupta, S.C., *Fundamentals of Statistics*, Himalaya Publishing House, Delhi
5. Nagar & Das, *Basic Statistics*, Oxford University Press.
6. Kenney and Keeping, *Mathematical Statistics, Parts- I&II*, Chapman & Hall Ltd.
7. Croxton, Cowden and Klein, *Applied General Statistics*, Prentice Hall, Inc.
8. Ashok Kr. Mukherjee & Shaktipada Nanda, *Baniyyik Ganit O Parisankhyan*.
9. Joydeb Sarkhel & Santosh Kr. Datta, *Rashibigyaner Bhumika*, Book Syndicate Pvt. Ltd.