



## गोविन्द गुरु जनजातीय विश्वविद्यालय बाँसवाड़ा

चयन आधारित क्रेडिट व्यवस्था की पाठ्यचर्या के अंतर्गत अधिसनातक पाठ्यक्रम

(Choice Based Credit System)

विषय नाम: ECONOMICS

प्रश्न पत्र सूची


प्रथम सेमेस्टर

| क्रम | पेपर कोड | प्रकार                              | प्रश्न पत्र निर्धारण | पेपर नाम                           | क्रेडिट |
|------|----------|-------------------------------------|----------------------|------------------------------------|---------|
| 1    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | MICRO ECONOMICS THEORY - I         | 4       |
| 2    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | MACRO ECONOMICS THEORY - I         | 4       |
| 3    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | MATHEMATICAL METHODS FOR ECONOMICS | 4       |
| 4    |          | विषय विशिष्ट ऐच्छिक कोर्स (DSE)     | 1                    | ENVIRONMENTAL ECONOMICS            | 4       |
| 5    |          | सामान्य ऐच्छिक कोर्स (GE)           | 1                    | DEMOGRAPHY - I                     | 4       |
|      |          |                                     |                      | Total                              | 20      |

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Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)

## द्वितीय सेमेस्टर

| क्रम | पेपर कोड | प्रकार                              | प्रश्न पत्र निर्धारण | पेपर नाम                    | क्रेडिट   |
|------|----------|-------------------------------------|----------------------|-----------------------------|-----------|
| 1    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | MICRO ECONOMICS THEORY - II | 4         |
| 2    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | MACRO ECONOMICS THEORY - II | 4         |
| 3    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC) | 1                    | STATISTICAL METHODS         | 4         |
| 4    |          | विषय विशिष्ट ऐच्छिक कोर्स (DSE)     | 1                    | AGRICULTURAL ECONOMICS      | 4         |
| 5    |          | सामान्य ऐच्छिक कोर्स (GE)           | 1                    | INDIAN BANKING SYSTEM       | 4         |
|      |          |                                     | <b>Total</b>         |                             | <b>20</b> |

  
Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)  
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## तृतीय सेमेस्टर

| क्रम | पेपर कोड | प्रकार  | प्रश्न पत्र निर्धारण | पेपर नाम     | क्रेडिट   |
|------|----------|---|----------------------|--------------|-----------|
| 1    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC)                                     | 1                    |              | 4         |
| 2    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC)                                     | 1                    |              | 4         |
| 3    |          | विषय विशिष्ट ऐच्छिक कोर्स (DSE)   | 1                    |              | 4         |
| 4    |          | सामान्य ऐच्छिक कोर्स (GE)   | 1                    |              | 4         |
| 5    |          | On-Job Experience (OJT) course or Community Engagement Experience (CEE) | 1                    |              | 4         |
|      |          |   |                      | <b>Total</b> | <b>20</b> |


  
**Rajendra Prasad Agarwal**  
**Registrar**  
**Govind Guru Tribal University**  
**Banswara (Rajasthan)**

## चतुर्थ सेमेस्टर

| क्रम | पेपर कोड | प्रकार  | प्रश्न पत्र निर्धारण | पेपर नाम     | क्रेडिट   |
|------|----------|---|----------------------|--------------|-----------|
| 1    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC)   | 1                    |              | 4         |
| 2    |          | विषय केन्द्रित अनिवार्य कोर्स (DCC)   | 1                    |              | 4         |
| 3    |          | विषय विशिष्ट ऐच्छिक कोर्स (DSE)   | 1                    |              | 4         |
| 4    |          | सामान्य ऐच्छिक कोर्स (GE)   | 1                    |              | 4         |
| 5    |          | Dissertation/Project/Field Study (DPR) course, Internship or On-Job Experience (OJT)<br>Or<br>Course Seminar (SEM),<br>Research Credit Courses (RCC). | 1                    |              | 4         |
|      |          |   |                      | <b>Total</b> | <b>20</b> |

### Abbreviations

- ❖ DCC: Discipline Centric Compulsory
- ❖ DSE: Discipline-Specific Elective
- ❖ GE: Generic Elective
- ❖ OJT: On Job Training
- ❖ CEE: Community Enhancement Experience
- ❖ RCC: Research Centric Course
- ❖ DPR: Dissertation/Project/Field Report
- ❖ SEM: Course Seminar

  
**Rajendra Prasad Agarwal**  
**Registrar**  
 Govind Guru Tribal University  
 Banswara (Rajasthan)  
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# GOVIND GURU TRIBAL UNIVERSITY BANSWARA

M.A

Two Year Post Graduate Course

Semester I

ECONOMICS

DCC

Micro economics Theory - I

## Unit-1

- Consumer Choice : Utility function and Indifference Curve Analysis- Bads, Neutrals, Optimal Choice, Corner Solutions. Price, income and substitution Effects. Engel Curves. Slutsky Theorem and Derivation of Demand Curve. Consumer Surplus. Elasticity of Demand- Laffer Curve. Revealed Preference Theory. Choice under Risk and Uncertainty.

## Unit-2

- Production Function: short and long run. Law of returns and Returns to scale. Ridge lines, Expansion path. Forms of Production Function: Cobb-Douglas, Fixed Coefficient and CES. Elasticity of Technical Substitution, Capital and labor Deepening Technical progress through Iso quants.

## Unit-3

- Concept of Cost : short and long Run Cost Curves. Dynamic changes in Costs - Learning Curve. Modern Theory of Cost Curves. Pricing Under Different Market Structures: Perfect Competition, The Efficiency of a Competitive Market. Price Supports. Monopoly. Social cost of Monopoly power .Intertemporal Price Discrimination.

### Books Recommended:

- I.A.Koutsoyiannis: Modern Microeconomics, Macmillan, London
- Robert S. Pindyck and Daniel L. Rubinfeld: Microeconomics. Pearson Education, Inc., New Delhi.
- D. Salvatore: Microeconomic Theory, Oxford University Press, New Delhi.
- Hal R. Varian: Microeconomic Analysis, W.W. Norton & Company Inc, New York.

  
Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)



# GOVIND GURU TRIBAL UNIVERSITY BANSWARA

## M.A

### Two Year Post Graduate Course

### Semester I

### ECONOMICS

### DCC

### Macro Economics Theory - I

#### Unit-1

- The Origin and Development of Macroeconomics -Classical , Keynes, New Classical and Modern Views; Macro economic Variables; National Income Concepts, Components,
- Measurement inter-relationship between three Measures of National Income; Measurement of Economic welfare. Circular Flow of Income in Two, Three and Four Sector Economy.

#### Unit-2

- Consumption Function - Determinants, Consumption Function Hypotheses: Absolute, Relative, Permanent Income hypotheses and Life Cycle Hypothesis Investment Function-
- Neo-Classical Theory of Investment, Stock Market and Tobins' Qratio and Neo-Keynesian Theory of investment; Theories of Accelerator.

#### Unit-3

- Classical, Keynesian, and Post Keynesian Theories of Demand for Money- Inventory Theory of Baumol and Portfolio Balance Theory of Tobin ; Restatement of Quantity Theory of Money by Milton Friedman and Patinkin's Theory for Money Demand ;Supply of Money- Measurement, Components, Determinants, High- Powered Money & Money Multiplier and Theories of Money Supply.

#### Books Recommended:

- Errol D'Souza, Macro Economics, Person Education.
- Richard, TFroyen, Macro Economics : Theories and Policies, Pearson Education.
- P.Edgmond. Macro Economics. PHI. NewDelhi.
- Gregory Mankiw Macro Economics CBS Publishers, NewDelhi.
- Robert J Gorden Macro Economics, Harper Collins.

  
Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)



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M.A

Two Year Post Graduate Course

Semester I

ECONOMICS

DCC

Mathematical Methods for Economics

## Unit -1

- Concept of a Function: Limit, Continuity and Differentiability of a Real Valued Function; Concave and Convex Functions. Derivatives -Simple Differentiation; Maxima, Minima and Point of inflexion and Applications of Simple Differentiation in Economics, Partial Differentiation and Unconstrained and Constrained Optimisation (Two independent Variable Case). Simple Applications in Economics.

## Unit-2

- Integration: Indefinite and Definite; Applications, First order Difference and Differential Equations and their Application in Economics

## Unit-3

- Matrices and Determinants and their Applications in Economics, Vectors, Input-Output Model, Linear Programming (graphical and simplex methods). Game Theory

## Books Recommended:

- I.R.G,D.Allen:MathematicalAnalysisforEconomics,Macmillan,London.
- EdwardT. Dowling : Mathematicsfor Economics, Schanum'sOutline series, McGraw-hill Book Co., New Delhi.
- LaxmiNarainNathuramka:ArthshastraMeinGanitkePrayog(Hindi)RameshBook Deopt. Jaipur
- B.CMehtaandG.M.KMadnani:MathematicsforEconomists,SultanChand&sons, New Delhi.
- AlphaC.Chiang:FundamentalMethodsofMathematicalEconomics,McGraw Tokyo
- Balwant Kandoi : Mathematics for Business and Economics with Application, Volume-II,HimalayaPublishingHouse.

Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)



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M.A

Two Year Post Graduate Course

Semester I

ECONOMICS

DSE / GE

ENVIRONMENTAL ECONOMICS

## Unit-1

- Classification of resources: Renewable and Non- renewable. Biotic and Abiotic Exhaustible and Non-exhaustible Resources. Environmental Economics: Meaning, Scope, Positive versus Nonnative Perspective. Relation of Environmental Economics with Economics, Ecological Economics and Resource Economics.
- Sustainable Development Concept, Objectives, Indicators, Strong and Weak sustainability Development and Environment: Environmental Kuznets Curve, Trade and Environment.

## Unit-2

- Air Pollution: Types of Pollutants and their impact.
- Water Pollution: Concepts of BOD and COD, pH values, Fluoride; Fertilizer use.
- Land Degradation: Problem of Solid Waste Disposal and Contamination; Problem of Salinity and Water logging. Afforestation and Deforestation, Significance of Social Forestry. Deflection of Ozone Layer: Green House Effect, Global Warming and Climate Change Acid rain, Urban Pollution and Urban Health.

## Unit-3

- Economic Theory and Measurement of Environmental Benefits . Demand for Environmental Service -Willingness to Pay and Willingness to Accept.
- Alternative Approaches and Methods of Environmental Valuation-Revealed Preference and Stated Preference Method -Hedonic Pricing. Household Production Function, Travel Cost Method, Defensive cost and Contingent Valuation Method. Green Accounting : Flaws in Conventional System of National Income Accounts, Requisite Modifications to National Income Account.
- Disaster Risk Management and Development: Risk Identification, Risk Reduction and



Transfer. Adverse Event Management and Recovery.

**Books Recommended:**

- Bhattacharya.R.N(2001),Environmental Economics-An Indian Perspective, Oxford University Press, Delhi.
- Hanley. N.J.F Shogren, and B White(2006). Environmental Economics : In Theory and Kolstud, C,D.(2003) Environmental Economics, Oxford University Press
- SengL1pta, Ramprasad (2003). Ecology and Economics : An Approach to Sustainable Development, Oxford University press
- Singh, K.and A. Shishodia (2007), Environmental Economics: Theory and Application

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Rajendra Prasad Agarwal  
Regtsirar  
Govind Guru Tribal University  
Banswara (Rajasthan)



# GOVIND GURU TRIBAL UNIVERSITY BANSWARA

M.A

Two Year Post Graduate Course

Semester I

ECONOMICS

DSE / GE

DEMOGRAPHY - I

## Unit 1

- Introduction to Population Study: Its Nature and Scope; Relationship with other disciplines;
- Sources of Demographic Data: Census of India; Vital Registration System, Sample Surveys; Dual report system; Population registers; International Publications. Population growth in India. Recent census findings on demographic characteristics. Population theories: Malthus; Optimum population theory; Theory of Demographic Transition.

## Unit 2

- Fertility: Basic Terms; sources of Data; Basic Measures: Crude Birth Rate, General Fertility Rate, Age specific fertility rate, Total Fertility Rate; Measures of Reproduction: Gross Reproduction Rate, Net Reproduction Rate; Bongaarts Proximate Determinants of Fertility; Social theories of fertility: Social Capillarity; Theory of diffusion,

## Unit 3

- **Mortality:** Basic Concepts and terms; Measures: Crude Death rate, Age specific death rate, Infant mortality rate; Maternal mortality; Causes of death; Reasons for mortality decline in developing countries. Mosley and Chen's Framework for Child Survival. Morbidity: Concept and need; Measures: Incidence rate, Attack rate, Secondary Attack rate, Prevalence rate, Case fatality rate..

## Reading List

- Bhende Asha A .and Tara Kanitkar (2004) Principles of Population Studies, Mumbai: Himalaya Publishing House, Chapters, Pp.241-288.
- Jacob S .Siegel and Davida .Swanson (2004): The Methods and Materials of Demography, Second Edition, Chapters 1, 2, 3, 7, 9, 10, Elsevier Science, USA.
- John Weeks (2005): Population: An Introduction to Concepts and Issues, Wordsworth Learning, Singapore 9 edition.
- Pathak ,K.B. and F.Ram (1998) Techniques of Demographic Analysis, Mumbai: Himalaya Publishing House, Chapter 4 Pp.108-153 and Chapter 8, Pp.339-372



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M.A

Two Year Post Graduate Course

Semester II

ECONOMICS

DCC

Micro economics Theory-II

## Unit-I

- Oligopoly Market Non-Collusive Models of Cournot, Bertrand, Edgeworth, Chamberlin and
- Stackelberg. Cartels and Price Leadership. Baumol's Model, Marris's and Williamson's Managerial Theory. Full Cost Pricing, Bain's limit Pricing Theory and Recent Developments including Sylos Labini's Model. Behavioural Model of the Firm. Game Theory.

## Unit-2

- Theory of Distribution: Neo-Classical Approach, Marginal Productivity Theory, Euler's Theorem. Technical Progress and Factor Shares.
- Factor Pricing under Perfect and Imperfect Competition: Determination of Wages, Rent, Interest and profit, Macro Theories of Distribution- Ricardo, Marx, Kalecki and Kaldor's Models.

## Unit-3

- Welfare Economics: Pigouvian Welfare Economics, Pareto Optimality. Kaldor - Hicks Compensation Principle. Social welfare Function and Theory of Social Choice- Rawls, Bergson- Samuelson and Arrow's Theorem. Externalities, Public Goods and Market Failures. Asymmetric information -Market Signaling Moral Hazard. The Principal -Agent Problem

## Books Recommended:

- AKout soyiannis: Modern Micro economics, Macmillan, London.
- Robert S. Pindyck and Daniel L. Rubinfeld: Microeconomics. Pearson Education Inc. New Delhi.
- D Salvatore: Micro economic Theory. Oxford University Press, New Delhi.
- Hal R. Varian: Microeconomic Analysis. W. W. Norton & Company Inc. New York.

Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)



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M.A

Two Year Post Graduate Course

Semester II

ECONOMICS

DCC

Macro Economic Theory-II

## Unit-1

- Determination of Output and Employment -The Classical and Keynesian models ; Multiplier-Concept, Working, Static and Dynamic-Multiplier; IS-LM Model-The interaction of Real and Monetary Sectors of the Economy, Keynesian Version of the IS-LM Model, Neo Classical Version of the IS-LM model, Fiscal Policy and Crowding out Effect and Role and Relative Effectiveness of Fiscal and Monetary Policies; Aggregate Supply and Aggregate Demand Model- Neo-Classical Three Sector Model and Keynesian Three Sector Model.

## Unit-2

- Open Economy Macroeconomics- Trade Balance, Exchange Rates and International Monetary System ; Mundell-Fleming Model: Analysis of Fiscal, Monetary and Trade
- Policies under Imperfect Capital Mobility and Perfect Capital Mobility with Fixed and Flexible Exchange Rate Systems: Classical Keynesian and Monetarist Approaches to Inflation and Policies to Control Inflation; Phillips Curve Analysis: Expectation Augmented Phillips Curve Analysis: Natural Rate of Unemployment Hypothesis

## Unit-3

- New Classical Macroeconomics-The New Classical Critique of Keynesian Micro Foundations. The Real Business Cycle Theory. Rational Expectations- Solution of a Simple Macroeconomic Model with Rational Expectations and Economic Interpretation.

## Books recommended:

- Eric Pentacost, Macro Economics: Ari Open Economy Approach, Macmillan Indian Edition, New Delhi
- Errol D'scuza, Macroeconomics, Pearson Education.
- Richard. T. Froyen Macro Economics: Theories and Policies, Pearson Education
- P.E dgmond, Macr economies, PHI, New Delhi

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Rajendra Prasad Aggarwal Page 12 of 15  
Registrar  
Govind Guru Tribal University  
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# GOVIND GURU TRIBAL UNIVERSITY BANSWARA

M.A

Two Year Post Graduate Course

Semester II

ECONOMICS

DCC

Statistical Methods

## Unit-I

- Measures of Central Tendency, Dispersion, Skewness, and Kurtosis, Measurement of Inequality Lorenz Curve and Gini Coefficient.
- Correlation Simple Regression and Interpretation of Multiple linear Regression Equation.

## Unit-2


- Analysis of Time Series and Curve Fitting, Index Numbers.
- Probability, Mathematical Expectation, Probability Distributions (Binomial, Poisson and Normal)

## Unit -3

- Sample and Survey Methods, Testing of Hypothesis, Application of Z, t, F &  $X^2$  tests, Association of Attributes, Analysis of Variance.

## Book recommended:

- S.P.Gupta: Statistical Methods, Sultan Chand & Sons New Delhi
- Kailas Nath Nagar : Sankhyiki Ke Mool Tatva (Hindi) Meenashi Prakashan, Meerut.
- A.L.Nagar & R.K Das: Basic Statistics, Oxford University Press, New Delhi
- D.R.Agarwal: Quantitative Methods, Vrinda Publication.

  
Rajendra Prasad Agarwal  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan)



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M.A

Two Year Post Graduate Course

Semester II

ECONOMICS

DSE / GE

Agricultural Economics

## Unit-1

- Introduction: Nature and Scope of Economics of Agriculture: Specificities of Farm Organization and Agricultural Production and Markets: Inter-sector Linkages of Agriculture (Backward and Forward Linkages and Feedback Effects). Role of Agriculture in Economic Development : Contribution of Agriculture to Economic Development ; Historical Perspective Experience of England, United States, Australia, Latin America, Soviet Russia, Japan and India] ; Declining Role of Agriculture and Dilemmas of Development.

## Unit-2

- Agricultural Production : Uniqueness of Agricultural Production : Various Types of Factor Product, Factor- Factor and Product- Product Relations : Cobb- Douglas and CES production Functions Role of Farm Size and Structure in Equilibrium, Productivity, and Return to scale, Sources and Barriers to Agricultural Development.

## Unit-3

- Agricultural Transformation: Schultz Theory of Transformation of Traditional Agriculture, Agricultural Transformation: India Experience
- Risk and Uncertainty in Agriculture: Nature and Types of Risks and Uncertainties in Agriculture, Public Policies and Farm Level Measures to Reduce Risk and Uncertainties. Demand for and Supply of Farm products. Characteristics of Demand for Farm Products; Quantity and Quality Components of Demand for food, Forecasting of Demand for Food.

## Books recommended:

- Bruce L. Gardener and Gordon C. Rausser (Eds.): \_Hand book of Agricultural. Economics Vol. IA Agricultural Production, Amersterdam, Elsevier Sciences B.V., 2002.
- Bruce L. Gardener and Gordon C. Rausser (Eds): Handbook of Agricultural Economics vol.-IB Marketing, Distribution and Consumption, Amersterdam, Elsevier Science B.V., 2002.
- Bruce L Gardener and Gordon C. Rausser (Ed.): Handbook of Agricultural Economics



# GOVIND GURU TRIBAL UNIVERSITY BANSWARA

M.A

Two Year Post Graduate Course

Semester II

ECONOMICS

DSE / GE

## Indian Banking System Unit -1

- Indian Banking System as on the eve of bank Nationalization, Structure and Development of commercial banks in India since 1969 .Branch expansion Programme and policy, deposit
- mobilization and sectoral allocation of Bank Credit. Concept of social and mass-
- Priority sector advances and advance to the neglected sections of the society.

## Unit-2

- Rural Banking -Overall Structure and review of the contribution of major credit cooperatives, commercial banks and Regional Rural banks including NABARD.
- Human Resource Development -Present and future HRD needs for bank employees in India, Recruitment, training and appraisal of bank employees. Khandelwal Committee Recommendations on Human resource in public sectors Banks.

## Unit-3

- The Reserve Bank of India - Functions and Role .Autonomy of the RBI. Liquidity Management. Monetary Policy. Goals, targets and indicators. RBI' s Monetary policy- Objectives and Techniques. Impact of RBI'S monetary policy on economic growth and price stability.

## Books Reconmmended:

- K.Rao:Management of Commercial Banks.
- L.M.Bhole:Impacts of Monetary Policy.
- Hm·endra Badhav (ed.)Challenges to Indian Banking Competition. Globalization and Financial Markets. McMillan.

*Rajendra Prasad Agarwal*  
Registrar  
Govind Guru Tribal University  
Banswara (Rajasthan) Page 15 of 15