

**POST GRADUATE TEACHING DEPARTMENTS OF ECONOMICS
GONDWANA UNIVERSITY, GADCHIROLI**

Master of Arts(M.A.)Applied Economics

Syllabus

Session 2020-21 onwards

Submitted By

Board of Studies in Economics

Gondwana University, Gadchiroli

Board of Studies in Economics
Syllabus for Master of Arts (M.A.) Applied Economics
Semester – I,II,III,IV Session 2020-21 onwards
Syllabus Committee

S.N.	Name of Committee member	Designation
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M.A. Applied Economics

Regulations for the Masters Programme in Economics

1.1 Eligibility : For admission to the M.A. in Applied Economics programme shall Be Bachelor's Degree in Economics with 45% in Part III (Economic and subsidiary) or 50% with [B.Com](#), BCCA, B.B.M or any Degree with Economics as one of the subject or B.Sc. Mathematics or Statistics with 55% marks.

1.2. Candidates who have appeared in the Final Year Degree Examination but awaiting results are permitted to seek provisional admission to the course. Such candidates required to provide evidence of the minimum academic qualification prescribed on or before their enrolment to the first semester M.A, in Applied Economics examination, If they fail to do so they shall be disqualify from the admission.

1.3 Admission to the M.A. in Applied Economics shall be based on the scores obtained by the candidate in the CAT conducted by the University. The questions for the CAT are of multiple choices from Economics (50%), mathematics and Statistics (30%) remaining general awareness.

1.4 There shall be 80 seats each in First and Second year. The medium of instructions will be in English. However, students can appear for examination in English or Marathi or Hindi medium.

1.5 Reservation rules applicable to nonprofessional courses in Maharashtra as laid down by the State Government from time are applicable in the case of admission to the degree.

1.6 Payment of fees : Fees for the programme must be paid as prescribed by the University.

1.7 Re-admission to the programme shall be permitted only if the candidate satisfies the conditions laid down by the University and with permission of the Registrar.

1.8 Course Study : The course work for the M.A. in Applied Economics degree shall be in accordance with the schemes of examination and syllabus prescribed. The course shall extend over a period of two academic years comprising of four semesters. Each semester shall extend over a period of 16-18 weeks.

1.9 The minimum attendance required by the candidate shall be 75 percentage of the total number of working days.

1.10 Scheme of Studies : A minimum of 20 (Twenty) credits shall be offered in each semester. In the fourth semester there shall be a project report and comprehensive viva voce. The Project Report is equivalent to 1 (four) credits. The Viva Voce examination is based on a presentation made by candidate in the department with an external expert.

**POST GRADUATE TEACHING DEPARTMENT
GONDWANA UNIVERSITY, GADCHIROLI**

Master of Arts(M.A.)Applied Economics Syllabus

SEMESTER – I

Course code	Title of Paper	Core Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2101	Advanced Microeconomics-I	C	4	20	80	100
ECO2102	Advanced Macroeconomics-I	C	4	20	80	100
ECO2103	Optional - I	E	4	20	80	100
ECO2104	Optional - II	E	4	20	80	100

Optional - I

2103.1 : Statistics for Economics – I

2103.2 : Indian Economic Policy I

2103.3 : Environmental Economics

2103.4 : Trade Cycle

2103.5 : Regional Economics

2103.6 : Demography

Optional – II

2104.1 : Mathematical Economics-I

2104.2 : Industrial Economics – I

2104.3 : Public Economics - I

2104.4 : Urban and Infrastructure Economics- I

2104.5 : Rural and Agricultural Economics- I

2104.6 : Community Development and Planning

SEMESTER –II

Course code	Title of Paper	Core Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2201	Advanced Microeconomics-II	C	4	20	80	100
ECO2202	Advanced Macroeconomics-II	C	4	20	80	100
ECO2203	Optional - III	E	4	20	80	100
ECO2204	Optional - IV	E	4	20	80	100

Optional - III

- 2203.1 : Statistics for Economics - II
- 2203.2 : Indian Economic Policy II
- 2203.3 : Human Development
- 2203.4 : Urban Economics
- 2203.5 : Rural Economy and Social Change
- 2203.6 : Tribal Economics

Optional - IV

- 2204.1 : Mathematical Economics –II
- 2204.2 : Industrial Economics – II
- 2204.3 : Public Economics-II
- 2204.4 : Urban and Infrastructure Economics- II
- 2204.5 : Rural and Agricultural Economics- II
- 2204.6 : Economics of Natural Resources

SEMESTER –III

Course code	Title of Paper	Core/ Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2301	International Trade	C	4	20	80	100
ECO2302	Growth and Development - I	C	4	20	80	100
ECO2303	Optional - V	E	4	20	80	100
ECO2304	Optional - VI	E	4	20	80	100

Optional - V

- 2303.1 : Financial Institutions & Markets-I
- 2303.2 : Labour Economics -I
- 2303.3 : Econometrics - I
- 2303.4 : Poverty and Income Distribution
- 2303.5 : World Economy
- 2303.6 : Economics of Service Sector

Optional - VI

2304.1 : Economics of Technology and Innovation

2304.2 : Research Methodology-I

2304.3 : Gender Economics

2304.4 : Economics of Insurance

2304.5 : Economics of Social Infrastructure

2304.6 : Monetary Policy in India

SEMESTER –IV

Course code	Title of Paper	Core/ Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2401	Project Report and Viva Voce	C	4	20	80	100
ECO2402	Growth and Development - II	C	4	20	80	100
ECO2403	Optional - VII	E	4	20	80	100
ECO2404	Optional - VIII	E	4	20	80	100

Optional - VII

2403.1 : Financial Institutions & Markets-II

2403.2 : Labour Economics -II

2403.3 : Econometrics - II

2403.4 : Behavioural and Experimental Economics

2403.5: Energy Economics

2403.6 : History of Modern Economics Analysis

Optional - VIII

2404.1 : Economics of Marketing

2404.2 : Research Methodology-II

2404.3 : Computer Application in Economics

2404.4 : Economics of Governance and Public Policy

2404.5 : Industrial Relations & Social Security

2404.6 : Skill Development and Event Management

POST GRADUATE TEACHING DEPARTMENTS OF ECONOMICS

GONDWANA UNIVERSITY, GADCHIROLI

Master of Arts(M.A.)Applied Economics

PAPER PATTERN

SEMESTER –I,II, III, IV

Time : Three Hours

Max.Marks:80

Note : 1) All questions are compulsory

2) All questions carry equal marks

Que.1) Long Answer (any one) 16

A OR B

Que.2) Long Answer (any one) 16

A OR B

Que.3) Short Answer (any Two) 16

(A) (B) (C) (D)

Que.4) Short Answer (any Two) 16

(A) (B) (C) (D)

Que.5) Very Short Answer (all question are compulsory) 16

(A) (B) (C) (D)

Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I

ECO2101 : Advanced Microeconomics - I

Module 1 : Theory of Demand

Demand-Concept, Law of demand, demand Function determinants of Demand, change in demand and quantity demanded. Market demand function

Supply - meaning, Law of Supply, Supply function, determinants of supply.

Market equilibrium, changes in market equilibrium, Application of Demand Supply analysis.

Consumer Behaviour –Cardinal utility analysis- Law of diminishing Marginal Utility, Equi-marginal Utility, Consumer Equilibrium

Indifference Curve Analysis: Marginal Rate of Substitution, Consumer's Equilibrium,

Indifference Curve Analysis of Demand : Income, Substitution and Price Effects – Hicks-Allen and Slutsky. Bandwagon and Snob Effect

Applications and Uses of Indifference Curves: Subsidies to Consumers: Price Subsidy vs. Lump-sum Income Grant. Rationing and Indifference Curve Analysis. Food Stamp Programme.

Module 2 : Consumer Behaviour and Elasticity of Demand

Revealed Preference Theory of Demand: Preference Hypothesis and logic of Ordering.

Derivation of Law of demand through logical ordering

Individual Behaviour under Uncertainty: Choices Involving Risk: St. Petersburg Paradox and Bernoulli's Hypothesis, Neumann-Morgenstern Method of constructing Utility Index under Risky Situations. Friedman-Savage Hypothesis, Markowitz Hypothesis.

Elasticity of Demand : concept of demand elasticity, types and measurements, determinants and application of elasticity.

Consumer Surplus : Marshall's Measure of Consumer Surplus. Consumer Surplus and Changes in Price. Hicksian Four Concepts of Consumer Surplus, water –diamond paradox, use of consumer surplus in cost benefit analysis.

Module 3 : Theory of Production and Cost

The Theory of Production: Law of Variable Proportions, Production Function: Isoquants, Marginal Rate of Technical Substitution.

Production function with two variable factors - Returns to Scale, Cobb-Douglas - Production Function Optimum Factor Combination -Iso-Cost Line, Least-Cost Combination of Factors, Expansion path.

Cost of Production and Cost Curves : Concepts of Cost, Theory of Short-Run and Long Run Costs, Economies of Scale : Internal and External, modern theory of cost- learning curve-L shaped long run average cost.

Module 4 : Theory of Firm

Market Structure and Revenue Curves: Classification of Market Structures, Concepts of Average, Revenue and Marginal Revenue. Average Revenue and Marginal Revenue Under different market structure, Equilibrium of the Firm. Equilibrium of the Competitive Firm and Industry: Meaning and Conditions of Perfect Competition, Short-Run and Long Run Equilibrium of the

Perfectly Competitive Firm.

Competitive Equilibrium under Differential Cost Conditions, Supply curve of perfectly competitive firm in short run and long run.

Stability of Equilibrium and Cobweb Model, Incompatibility Theory: Kaldor and Sraffa on Incompatibility of Equilibrium with Perfect Competition

Books Recommended :

1. Ahuja H. L., Advanced Economic Theory : Microeconomics Analysis, 13th Edition, S. Chand and Co. Ltd., New Delhi.
2. Baumol, W.J. (1982), Economics Theory and Operations Analysis, Prentice Hall of India, New Delhi.
3. Dewett K. K., Modern Economic Theory, S. Chand & Company Ltd., Revised Edition, 2005.
4. Jhingan M. L., Micro Economic Analysis, Vrinda Publications
5. Koutsoyiannis, A. (1979): Modern Microeconomics, 2nd ed., Macmillan Press, London.
6. Kreps, David M (1990): A Course in Microeconomic Theory, Princeton University Press, Princeton.
7. Sen, A. (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
8. Stigler, G. (1996): Theory of Price, 4th ed., Prentice Hall of India, New Delhi.
9. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.

Post Graduate Teaching Department, Gondwana University, Gadchiroli M.A. Part -I Applied Economics : Semester-I

ECO2102 : Advanced Macroeconomics - I

Module 1 : National Income and Social Accounts

Circular Flow of Economic Activity : Two Sector Model - Household and Business Sectors - Three Sector Models including Government Transactions - Four Sector Open Economy Model including Foreign Trade Transactions

National Income Accounts : Calculation of National Income : Product Method - Income Method - Expenditure Method, Different concepts of National Income, Importance and difficulties in measurement of National Income, New method of Calculation of GDP in India

National Income and Social Accounts : Social Accounts : Main Features, Types of Social Accounts

Module 2 : Theory of Employment and Consumption Function

Theory of Employment: Classical Views on Full Employment, Keynes theory of Employment, Aggregate Demand and Aggregate Supply curve in Classical and Keynesian views

Consumption Function: Keynes' psychological law of consumption Implication of the law; short run and long-run consumption function, Empirical evidence on consumption function, Income-consumption relationship-absolute income, relative income, life cycle and permanent income hypothesis.

Module 3 : Multiplier and Investment Function

Multiplier : Meaning, Types of Multiplier, Its Working, Reserve Operation, Limitations, Importance, Criticism and Leakages, Balanced Budget Multiplier, Multiplier in developing economy.

Investment Function: Autonomous and Induced Investment, Marginal Efficiency of capital and Investment – short run and long run, Acceleration Principle, Interaction of Multiplier and Accelerator (Leverage effect), Influence of policies on investment.

Module 4 : Supply of Money

Components of money supply : Measurement of money supply, RBI Approach to Money Supply - M1, M2, M3 and L1, L2, L3, Deposit Multiplier, High Powered Money and Money Multiplier and factors determining money supply; budget deficit and supply of Money, Control on Money Supply.

Books Recommended :

Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols), Oxford University Press, London.

D'Souza, Errol (2008), Macroeconomics, Pearson Education, Delhi.

Gupta R.D. and Rana A.S. (1998): Post-Keynesian Economics, Kalyani Publishers, Ludhiana.

Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modern macroeconomics, Oxford University Press, New Delhi.

Jha, R (1991) : Contemporary Macro Economic theory and Policy, Wiley Eastern Ltd.,Jhingan, M.L.(1999) : Macro Economics

Keynes, J.M (1936) : General Theory of Employment, Interest and Money

Mithani D. M., Money, Banking, International trade and public finance, Himalaya Publications

Rakshit, M. (1998), Studies in the Macroeconomics of Developing Countries, Oxford University Press, New Delhi.

Reddy.Y.V. (2000): A Review of Monetary and Financial Sector Reforms in India, UBSPD, New Delhi.

Post Graduate Teaching Department, Gondwana University, Gadchiroli

M.A. Part -I Applied Economics : Semester-I

Optional Paper – I

ECO2103.1 : Statistics for Economics – I

Module 1: Introduction to Statistics, Data Presentation and Indian Statistics

Statistics in Practice- Application- Data, Data Sources, Descriptive Statistics, Statistical Inference

Basic Statistical concepts – Population, Sample, Parameter and Statistics, Variables and Data, Data Measurement levels- Nominal, Ordinal, Interval and Ratio, Computer and Statistical Analysis.

Construction of Frequency Distribution- Classification and Tabulation of Data, Graphs and Charts.

Indian Statistics: CSO, NSSO, Recent Population Census, Agricultural and Industrial Statistics

Module 2: Descriptive Statistics: Numerical Measures

Measures of Central Tendency: - Arithmetic Mean, Median, Mode, Geometric, Harmonic Percentiles and Quartiles

Measure of Variability: Range, Interquartile Range, Mean Deviation, Variance, Standard Deviation, Coefficient of Variation

Measures of shape – Skewness and Kurtosis

Module 3: Correlation and Regression Analysis

Correlation Analysis: Meaning, Importance, Types, Methods of Determining Correlation and Limitations- Karl Pearson's Coefficient of Correlation, Coefficient of Concurrent Deviation, Spearman's Rank Correlation, Coefficient of Correlation by Least Square Method

Regression Analysis: Meaning, Importance, Types, Methods of Determining Correlation and Limitations- Simple Linear Regression Model, Least Squares Method

Module 4: Introduction to Probability and Probability Distribution

Introduction to Probabilities, methods of Assigning Probabilities, Structure of Probabilities, Marginal, Union, Joint, and Conditional Probabilities, Addition and Multiplication Laws, Bayes' Theorem

Probability Density Function, Probability Distribution, Discrete and Continuous Probability, Binomial, Poisson and Normal Distribution

Books Recommended:

1. Gupta S.C and Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi
2. Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
3. Gupta, S.P., Introduction to Statistical Methods.,S. Chand& Sons New Delhi.
4. King, W.I.: The Elements of Statistical Methods; The Macmillan Co. New York.
5. Anderson, Sweemey and Villiams, Statistics for Business and Economics, Cengage Learning publication, New Delhi.

Post Graduate Teaching Department, Gondwana University, Gadchiroli M.A. Part -I Applied Economics : Semester-I

ECO2103.2 : Indian Economic Policy – I

Module 1: Nature of Indian Economy:

Features and Characteristics of the Indian Economy, Demographic features, National income: Trends and Structure,

Growth and Structural Change in the Indian Economy

Poverty and inequality, Nature, policy & implications,

Module 2: Infrastructure and Human Development

Energy, Conventional and Non-Conventional energy development in India

Energy policy – Social infrastructural developments –Education and Health –Recent issues

Human Development in India- Concept and Measurement

Module 3: Planning in India:

Objectives and strategy of planning;

Failures and achievements of Plans;

Inclusive Growth Strategy- 11th and 12th five years Plan

Developing grass-root organizations for development-Panchayats, N.G.O.s and pressure groups

Module 4: The Agricultural Sector:

Agricultural Production and Productivity,

Institutional structure- land reforms in India: technological change in agriculture.

Pricing of agricultural inputs and output;

Terms of trade between agriculture and industry;

Agricultural finance policy; Agricultural Marketing and Warehousing;

Issues in food security- Policies for sustainable agriculture.

Books Recommended:

1. Agarawal A.N. (2006): Indian Economy: Problems of Development and Planning (2006):
2. A Division of New Age International (P) : Limited, New Delhi.
3. Ahluwalia, I.J. and I.M.D. Little (Eds) (1999), India's Economic Reforms and
4. Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.
5. Bardhan, P.K. (9th edition) (1999), The Political Economy of Development in India, Oxford University Press, new Delhi.
6. Bawa, R.S. and P.S. Raikhy (Ed.) (1997), Structural Changes in Indian Economy, Guru Nanak Dev University Press, Amritsar.
7. Bhargava, P. K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
8. Bhole, L. M. (2000), Indian Financial System, Ghugh Publications, Allahabad.
9. Brahmananda, PR. And V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-state Perspectives, Book well, Delhi..
10. Rangarajan, (2000), Perspectives on Indian Economy -A Collection of Essays, UBSPD publishers Distributors Ltd., New Delhi.
11. Dantwala, M.L. (1996), Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
12. Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
13. Dhingra I. C. (2002): Indian Economy S.Chand New Delhi.
14. Dutt R and KPM Sundharam (2002): Indian Economy: S.Chand New Delhi.
15. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
16. Gupta, S. P. (1998), Post-Reform India : Emerging Trends, allied Publishers, New Delhi.
17. HanumanthaRao C.H. and H.Linnemann (Eds)(1996): Economic Reforms and Poverty Alleviation in India Sage, New Delhi.
18. Misra S.K. and V.K.Puri, (latest): Indian Economy, Himalaya, Publishing house, Mumbai.
19. Mookherjee, d. (Ed.) (1997), Indian Industry : Policies and Performance, Oxford University Press, New Delhi.
20. Mundle, s. (1999), Public Finance : Policy Issues for India, Oxford University Press, New Delhi.
21. Sandesara, J.C. (1992), Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues, Sage Publications, New Delhi.
22. Sen, R.K. and B.Chatterjee (2001), Indian Economy : Agenda for 21st Century (Essays in honour of Prof.P.P.Brahmananda), Deep & Deep Publications, New Delhi.
23. Sen, R.K. and B.Chatterjee (2001), Indian Economy: Agenda for 21st Century (Essays in honour of Prof.P.P.Brahmananda), Deep & Deep Publications, New Delhi.
24. Swamy, D. s. (1994), The Political Economy of Industrialization : from Self reliance to Globalization, Sage Publications, New Delhi.
25. Uma Kapila (2006): Indian Economy-Since Independence-17th Edition, Academic Foundation, New Delhi.

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2103.3 : Environmental Economics

Module 1: Elements of Environmental Economics

Meaning, Subject matter, Nature and Scope of Environmental Economics;

Economic Development and the Environment, Population and Environmental Linkages.

Economy, Ecology and Environmental Interaction- Ayres Kneese's Material Balance Model.

Leontief's Environmental extended Input-Output Model. Environmental Quality as public goods, Market Failure.

Module 2: Environmental Problems of Industrial and Agricultural Development:

Environmental Problems of Industrial development: Water Pollution, Air Pollution,

Noise Pollution,

Special Economic Zones and Environmental Issues, Green Marketing, Environmental Auditing.

Environmental Problems of Agricultural development- Salinity, water logging, desertification of land, Excess use of water, fertilizers and pesticides,

Approaches to Sustainable Agriculture Management.

Module 3: Economics of Natural Resource Management and Sustainable Development

Economics of Renewable Resources; Resource Scarcity as Limits to Growth;

Pricing of Resources; Energy and Economic Development.

Sustainable Development- Meaning, Rules of Sustainable Development- Indicators of sustainable development, Mechanism for environment regulation in India; Environmental laws and their Implementation-Policy instruments for controlling water and air pollution-Forestry policy;

Module 4: Environmental Problems and Environmental Policy in India:

Rural and Urban environmental problems – Population and the Environment,

Poverty and the Environment; Housing and Slums and the Environment, Rural Sanitation

Scheme, Trade and environment, issues of Climate Change, Environmental Policy in India-

Environment protection laws in India, Central pollution Control Board, State and Local Bodies and Environment protection.

Books Recommended:

1. Ali, S. A. (1979), Resources for Future Economic Growth, Vikas Publishing House, New Delhi.
2. Baumol, W.J. and W.E. Oates (1988), The Theory of Environmental Policy (2nd edition), Cambridge University Press, Cambridge.
3. Bhattacharya, R.N. (Ed) (2001), Environmental Economics; An Indian Perspective, Oxford University Press, New Delhi.
4. Chopra, K. (1998), Valuation of Bio-diversity within Protected Areas: Alternative Approach and

a case study, Institute of Economics Growth, Delhi.

5. Chopra, K., Kadekodi G.K. and M.N. Murthy : The Management of Common Property Resources, SAGE, New Delhi.
7. Garge, M. R. (Ed.) (1996), Environmental Pollution and Protection, Deep and Deep Publications, New Delhi.
8. Hanley, N., J.F. Shogren and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
9. Kolstad C.D. (1999), Environmental Economics, Oxford University Press, New Delhi.
10. Lodha, S. L. (Ed.) (1991), Economics of Environment, RBSA Publishers, Jaipur.
11. Markandya, A. and M. N. Murty (2000), Cleaning up the Ganges: Cost-Benefit Analysis of Ganga Action Plan, Oxford University Press, New Delhi.
12. Mehta, S.S. Mundle and U. Sankar : Controlling pollution: Incentives and Regulation, SAGE, New Delhi - 1995
13. Murthy, M.N., A. James and S. Misra : The Economics of Water pollution in India: Oxford University Press, New Delhi, 1995
14. Pearce, D.W. and R. Turner (1991), Economic of Natural Resource Use and Environment, John Hopkins University Press, Baltimore.
15. Rajlaxmi & Birunda (1994) Environomics, Allied Publishers Limited, Madras
16. Rathore, M. S. (Ed.) (1996), Environmental and Development, Rawat Publications Jaipur.
17. Sankar, U. (Ed.) (2001), Environmental Economics, Oxford, University Press, New Delhi.
18. Singh, G. N. (Ed.) (1991), Environmental Economics, Mittal Publications, New Delhi
19. Singh, Katar and Anil Shishodia; Environmental Economics; Theory and Applications, Sage Publications, New Delhi, 2007.
20. Tirpathy, S.M. and Sumakar Panda, Fundamentals of Environmental Studies, Vrinda Publications, Delhi.
21. World Bank: World Development Report, 1992: Environment and Development Oxford University Press, New Delhi

Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I

ECO2103.4 : Trade cycles

Module 1- Introduction

Business cycle- concept, nature, types and scope

Phases of trade cycle, main type of economic fluctuations seasonal

Kitchin, Juglar, Kondratieff, Kuznets & Schumpeter's three type of scheme

Building cycle

Historical background of trade cycle theory.

Module 2- Theory of Business Cycle- I

Monetary theory of trade cycle- Hawtrey, Hayek

Non-monetary theory- Spiethoff

Under consumption theory of trade cycle- Malthus, Karl marks,

Module 3- Theory of Business Cycle- II

Theory of trade cycle- Keynesian, Hicks, Innovation theory of trade cycle- Schumpeter Modern theories of trade cycle- Kelecki, Econometric models of trade cycle- Timbergen

Unit 4- Business Cycles History

World great depression (1929-33)- features, causes, effects, characteristic

Nature of business cycle after the second world war,

Business cycle history during 19th & 20th century

Developing countries and business cycles, nature of trade cycle in underdeveloped

Methods of measurements of cyclical fluctuations

Policies & measures for business cycle- monetary & fiscal qualitative & quantitative measure,

Books recommended.

1. Esteyl.a. business cycles- their nature causes & control Gordon, r.a. business fluctuations.
2. Harberler, g. Prosperity and depression.
3. Hicks, j.r. business cycles and national income
4. Kaleckij.r. a contribution to the theory of trade cycle
5. Ludbergeric: he business cycles in the post world war.
6. Shuklad.k. business cycle analysis.
7. World bank (1993) east asian miracle world bank report washingtond.c.
8. Goldstein, m.(1998) the asian financial cresiscresis, cacre and systematic implication institute for international economics washingtond.c.
9. Kindleberger. C.p. (1996) a history of financial crisis manias, prices and crashes (3rd ed) john wiley and sons, new york
10. Bhargavap.k. (1991) India's fiscal crisis, ashish publishing house, new delhi.
11. Vaidyanathan a, (1995) the Indian economy crisis response and prospects. Onentlongmansnew Delhi.
12. Mahore R. y. : business cycle

Post Graduate Teaching Department, Gondwana University, Gadchiroli M.A. Part -I Applied Economics : Semester-I

ECO2103.5: Regional Economics

Module 1:

Overview of Regional Economics: Meaning of Regional Economics. Need for study of Regional Economics, Definition of a region, Different types of regions, Differences between region and a nation; Importance of Regionalisation – Regionalisation Approaches – Indicators of Regional Development

Module 2:

Spatial Theories: Determinants of Regional Location, Theories of Location – Von Thunen, Weber, Losch on Location on Location – Concentration vs Dispersal of Economic Activities, Regional Social Accounting – Regional Growth Process – Regional Multiplies – Regional Input Output Analysis – Regional Business Cycle – Convergence and Divergence – Techniques for regional Economic Analysis

Module 3:

Regional Economic Policy and Regional Disparities: Importance and Objectives of regional Economic Policy– Formulation of Regional Economic Policy – Tools – Techniques Implementation – Limitations.

Causes of regional Disparities – Indicators – Extent – Trends – Policies and Programmes to

reduce Disparities – Regional Planning – Backward Area Development Programmes – Institutional and Policy framework.

Module 4:

Globalization and Regionalization Significance – Impact of New Economic Policy and Globalization on Regional Development , Indicators of regional development– New Challenges and Policy Choice.

Recommended Books:

1. Chand, M. and U.K. Puri : Regional Planning in India, Allied Publishers, New Delhi.
2. Dholakia, R.H : Regional Disparity in Economic Growth in India, Himalaya Publishing House, Bombay.
3. Glasson, J : An Introduction to Regional Planning, Concepts, Theory and Practice, Hutchison, London.
4. Richardson H.W (1969) Elements of Regional Economics, Penguin Harmondsworth
5. Shrivastava O.S.(1992) Regional Economics : Theoretical issues, Anmol Publications, New Delhi
6. ShekharSudharshu (ed) (2003) Regional Planning in India, vol-I and II Anmol Publications, New Delhi.

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2103.6: Demography

Module 1 : Demography -

- 1.1 Demography - Meaning, Nature, Scope and Importance.
- 1.2 Malthus Theory of Population
- 1.3 Optimum Theory of Population.
- 1.4 Theory of Demographic Transition
- 1.5 Components of Population Growth and their Interdependence, Population and Economic Development.

Module 2 : Measures and Quality of Population -

- 2.1 The Concept of Quality of Population
- 2.2 Factors affecting Quality of Population
- 2.3 Measures of Crude Birth Rate, General Fertility Rate, Total Fertility Rate, Reproduction Rate, Gross Reproduction Rate and Net Reproduction Rate
- 2.4 Crude Death Rate – Infant Mortality, Life expectancy

Module 3 : Population in India -

- 3.1 Population Trends in Recent Years in India.
- 3.2 Evolution of Population Policy
- 3.3 Woman Empowerment, Family Planning Programmes and its Consequences
- 3.4 Policies related to Health, Nutrition, Education, Training.

Module 4 : Trends in World Population

- 4.1 Population Trends in Recent Years.
- 4.2 . Population Explosion
- 4.3 Growth of World Population - Developed and Developing Nations.
- 4.4 Pattern of age and Sex Structure in Developed and Developing Nations.
- 4.5 Determinants of Age and Sex Structure – Age Pyramids and Projections.

4.6 Human Development Index, Gender Equality.

Recommended Books:

1. Agarwal S.N. (1972) , India's Population Problem , Tata McGraw- Hill, Co., Bombay
2. Bose, A (1996) India's Basic Demographic Statistics, B.A. Publishing Corporation, New Delhi.
3. Bogue, D.J. (1971) , Principles of Demography, John Wiley , New York.
4. Chenery H. and T.N. Srinivasan (Eds.) (1989), Hand Book of Development Economics , Vol. 1 & 2 Elsevier, Amsterdam , et.
5. Choubey,P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
6. Coale A. J. and L.M. Hoover (1958) , Population Growth and Economic Development in Low Income Countries : A Case Study of India's Prospects, Princeton University Press, Princeton.
7. Gulati , S.C. (1988), Fertility in India ; An Econometric Study of a Metropolis, Sage, New Delhi.
8. Simon , J.L. (1992) Population and Development in Poor Countries, Princeton University Press.
9. Srinivasan, K. (1998), Basic Demographic Techniques and Applications Sage, New Delhi.
10. Srinivasan K and A. Shariff (1998), India : Towards Population and Demographic Goals , Oxford University Press, New Delhi.
11. Sryrock , H.et. al (1973), The Methods and Materials of Demography, US Department of Commerce, Washington D.C.

Post Graduate Teaching Department, Gondwana University, Gadchiroli M.A. Part -I Applied Economics : Semester-I

ECO2104.1: Mathematical Economics - I

Module - 1: Basics of Mathematical Economics and Algebra

Basic Concepts- Importance of Mathematical Methods in Economic Analysis;
Review of Elementary Algebra- indices, quadratic equations, Arithmetic and Geometric Progressions, theory of Sets and operations, Equation of a straight line, slope of line, intercept

Module - 2: Limits, Differential Calculus and Integration

Limit, Continuity and Derivatives;
Rules of Differentiation, Partial Differentiation; Total Differential; Uses in Economics; Marginal Concept; Marginal Cost; Revenue; Utility; Elasticity's and Types; Concepts of Maxima and Minima; Unconstrained and Constrained Optimization in Simple Economic Problems; Concept of Integration; Some Simple Rules of Integration and Applications in Economic Dynamics

Module – 3: Matrix and Determinants

Matrix – Types, Elementary Operations – Addition, Multiplication, Matrix Inverse and Rank of a Matrix, Determinants and their Basic Properties; Solution of Simultaneous Equations using Matrices

Module-4: Game Theory and Linear Programming and Input-Output Analysis:

Concept of game – Two-person zero-sum game, Pay-off matrix, pure and mixed strategies, Saddle point solution; Non-constant sum game, Prisoners Dilemma
Linear programming – Basic concept of linear programming problem (LPP), solution of LPP by

graphical and simplex method; primal and dual problem, application of LPP in economics. Input-output analysis- introduction, Open and closed input-output models, Coefficient Matrix and Open Model; Hawkins-Simon conditions; Leontief's dynamic model and static model; Limitations.

Books Recommended:

1. Alien, R.G.D., Mathematical Analysis for Economists, Macmillan Press and ELBS, London.
2. Allen, R.G.D. (1974), Mathematical Analysis for Economic, Macmillan Press and ELBS, London.
3. Arrow, K.J. and M. Intrilligator (Eds.) (1982), Handbook of Mathematical Economics, Volumes I, II and III, North Holland, Amsterdam.
4. Black J. and J.F. Bradley: Essential Mathematics for Economists. John Wiley and Sons, London.
5. Chiang, A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
6. Edward T. Dowling, Introduction to Mathematical Economics: Schaum's Outline Series Tata, McGraw Hill, New Delhi.
7. Hadley, G., Linear Programming, Addison Wesley Publishing Co., Massachusetts.
8. Handry, A.T., Operations Research, Prentice Hall of India, New Delhi.
9. Monga G.S., Mathematics and statistics for Economists. Vikas Publishing House, New Delhi.
10. Taha, H.A., Operations Research: An Introduction (6th Edition), Prentice Hall of India Pvt. Ltd., New Delhi.
11. Veerachamy R. (2002): Quantitative Methods for Economists. New Age International Publishers, Bangalore.
12. Yamane, Taro, Mathematics for Economists, Prentice Hall of India New Delhi.

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2104.2: Industrial Economics - I

Module 1:

Industrialisation: Meaning, Nature and scope of industrial economics.

Organization of a firm: Concept, types of organisation forms, objectives of a firm.

Meaning of industrialisation, rationale for industrialisation, Role of Industrialization in Economic Development - Factors for and against industrial development. Strategies for industrialisation.

Module 2:

Size and location of the firm: Measures of size of firm, Concept of optimum firm, Factors determining optimum size of a firm.

Determinants of Industrial Location - Technical, economic, infrastructural and other factors .

Theories of Industrial Location: Weber, Sargent Florence.

Industrial Imbalance: Causes and Measures. Need for Balanced Regional Development of Industries.

Module 3:

Industrial Productivity & Efficiency: Meaning & determinants of efficiency.

Productivity: concept and Measurement, Distinction between productivity & production. Factors affecting Productivity and Capacity Utilization, Importance of Productivity in the Competitive

Environment. Measures required for Improving Productivity and Efficiency, National Productivity council.

Labour productivity: concept and determinants. Tools for improvement of labour productivity.

Module 4:

Profitability & investment analysis: Meaning & measurement of profitability. Market conditions favourable for profitability.

Investment decisions: Nature & type, Methods of evaluating investment expenditure – Payback method, ARR, NPV and IRR. Ranking of Projects. Social Cost Benefit Analysis –Balancing private and social returns.

Assessment of financial soundness of the firm: Ratio analysis, Break Even analysis.

Books Recommended:

1. Ahluwalia, I.J: Industrial Growth in India (Oxford University Press, New Delhi, 1985)
2. Barthwal, R.R: Industrial Economics (Wiley Eastern Ltd, New Delhi, 1985)
3. Cherunilam F: Industrial Economics: Indian Perspective (3rd Edition) (Himalaya Publishing House, Mumbai, 1994)
4. Desai B: Industrial Economy in India (3rd Edition) (Himalaya Publishing House, Mumbai, 1999)
5. Kuchhal S.C.: Industrial Economy of India (5th Edition) (Chaitanya Publishing House, Allahabad, 1980)
6. Singh. A and A.N Sadhu: Industrial Economics (Himalaya Publishing House, Bombay, 1988)

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2104.3: Public Economics- I

Module 1: Introduction Role of Government:

The Role of the Government in a Changing Perspective

Government as an agent for economic planning and development

Private Goods, Public Goods, Social Goods, Merit Goods and Mixed Goods- meaning & characteristics

Public finance vs private finance Taxable Capacity- Meaning, Types and Measurement

Taxable Capacity- Meaning, Types and Measurement

Monetary and Fiscal Policies- Meaning, Objectives and interdependence

Module 2: Public Choice

Public finance and the economy

Principle of public finance

Maximum Social Advantage, Musgrave's view on MSA

Test & Limitation of the Theory of MSA

Private and public mechanism for allocating resources, problems for allocating resources, problems of

preference revelation and aggregation of preferences, an economic theory of democracy.

Module 3: Rational for Public Policy

Problems of preference revelation and aggregation of preferences

Arrow impossibility theorem;

An economic theory of democracy; Politico-eco-bureaucracy

Demand-revealing schemes for public goods- Tiebout model, Theory of club goods.
Liquidity preference; Social goals; Poverty alleviation, Provision of infrastructural facilities, removing distributional inequalities and regional imbalances.
Stabilization Policy-Keynesian case for stabilization policy, Uncertainty and expectations, Failure of inter-temporal markets;

Module 4: Government Budget and Revenue

Budget – Meaning, kinds, Components, Preparation, Presentation and Execution of Budget.
Type sources & Trends in Revenues of Union, State and Local Bodies since 1991; Economic Reforms in Direct and Indirect Taxes
Budgeting trends & techniques – Zero base, Gender base, Outcome, Incremental, Traditional, Programme budgeting; Balance budget Multiplier

Books Recommended:

1. Atkinson, A.B. and J.E. Siglitz (1980): Lectures on Public Economics, Tata McGraw Hill, New York.
2. Auerbach, A.J. and M. Feldstern (eds.) (1985): Handbook of Public Economics. Vol.1, North, Holland, Amsterdam.
3. Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
4. Bhargava, P.K. (1984): Some Aspects of Indian Public Finances, Uppal Publishing House, New Delhi
5. Bhargava, P.K. (1991), India's Fiscal Crisis. Ashish Publishing House, New Delhi.
6. Bhatia, H.L. (2000): Public Finance, Vikas Publishing House Pvt. Ltd. Delhi.
7. Chellai, Raja J.(eds.)(1997), Towards Sustainable Growth, Oxford University Press, New Delhi.
8. Datt, R. (Ed.)(2001), Second Generation Economic Reforms in India, Deep & Deep, Publications, New Delhi.
9. Gandhi, V.P. (1970): Some Aspects of India" s Tax Structure, Vora and Company, Bombay.
10. Hemlata Rao (2006) Fiscal Federalism –Issues and Policies, New Century Publications, New Delhi.
11. Kirit S. Parikh (Ed.) (1999) India Development Report -1999-2000, Oxford University Press, New Delhi.

Post Graduate Teaching Department, Gondwana University, Gadchiroli M.A. Part -I Applied Economics : Semester-I

ECO2104.4 : Urban and Infrastructure Economics

Module 1. Economics of Urbanization:

Concepts in Urban Economics – Characteristics & Theoretical Issues – Urban Morphology– Classical Models– Urban and Regional Growth Theories– Macro-Economic Approach and Cumulative Causation Theory – Urban Hierarchy– Urban Size Distribution and Optimum City Size Debate – Weberian Location Theory – Location of Residential and Industrial Activities – Urban Planning – Land Use & Market – Decentralization and Impact – Geographical Information System and Use – Urban Informal Sector– Metropolitan/Mega Cities– Trends Worldwide– Indian Situation – Environment and Urbanization.

Module 2. Economics of Infrastructure Development:

Basic Concepts: Infrastructure and Economic Development – Infrastructure as a Public Good – Social and Physical Infrastructure – Infrastructure Financing and Planning – Public Private Partnership – The Peak-Load & Off-Load Problem – Dual Principle Controversy – Economies of Scale of Joint Supply – Marginal Cost Pricing Vs. Other Methods of Pricing in Public Utilities – Cross-Subsidization – Equity and Efficiency.

Rural Infrastructure: Rural – Urban Differences in Infrastructure Development – Components of Rural Infrastructure – Characteristics and Growth – Rural Industries – Sustainable Development and Infrastructure – Rural Transport Issues – Rural Markets.

Module 3. Energy, Power, Water, and Sanitation in India:

Energy and Economic Development – Energy Demand – Supply and Shortages – Growth and Present Status – Commercial and Non-Commercial Energy Resources – Energy Efficiency Computation – Conventional & Non-Conventional Sources – Growth and Present Status – Power Sector in India Structure and Growth – Relative Economics of Hydel-Thermal and Nuclear Power Plants – Electrification in India – Problems & Prospects – Power Pricing and Subsidy – Water Supply and Sanitation Sector in India – Overview and Present Scenario.

Module 4 : Road, Rail, Air, Ports and Telecommunications in India

The Structure of Transport Costs and Location of Economic Activities, Demand for Transport – Models of Freight and Passenger Demand – Cost Functions in Transport Sector – Pricing, Principle – Special Problems of Modes of Transport – Network Analysis – Equilibrium – Public Policy in Transportation.

Characteristics and Problems – Pricing Principles – Decreasing Costs in Telephone Industry – Telecommunication Policy Changes – Privatization & Competitiveness.

Books Recommended:

1. 3i Network (2010), India Infrastructure Report, Oxford University Press, New Delhi.
2. Button, K.J. (2003), Transport Economics, Edward Elgar.
3. Crew, M.A. and Paul R. Kleindorfer (1986), The Economics of Public Utility Regulation, MIT Press.
4. Evans, A.W. (1984), Urban Economics, Basil Blackwell.
5. Mills, E. and Charles Baker (1988), India's Urban Development, Oxford University Press.
6. O'Sullivan, A. (2002), Urban Economics, McGraw-Hill Irwin.
7. Michael A Crew and Paul R Klendorfer (1986), The Economics of Public Utility Regulation, MIT Press.
8. Parry, L.J. (1980), Urban Economics: A Set Approach, Arnold Heineman.
9. Picot, A., Florio, M., Grove, N., and JhannKranz (eds) (2015), The Economics of Infrastructure Provisioning: The Changing Role of the State, MIT Press.
10. Ramachandran, R. (1989), Urban Economics and Urban Systems in India, Oxford University Press.
11. Shukla, V. (1996), Urbanization and Economic Growth, Himalaya Publishers.

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2104.5: Rural and Agricultural Economics- I

Module 1: Introduction to Economics of Agriculture and Rural Development:

Basic Concepts in Agricultural and Rural Economics: History of Rural and Agricultural Development in the World – Importance of Agriculture in Rural Economy in Overall Economic Development – Nature and Scope of Agricultural Economics – National Resource Base of Indian Agriculture – India's Position in World Agriculture – Agricultural Growth in India During Pre and Post Independence Period – Nature and Cropping Pattern–Production and Productivity Trends.

Agricultural Inputs & Land: Labour and Capital Inputs– Agrarian Structure and Dynamics– Land Reforms – Theory and Implications– Theory of Land Tenancy– Experiences and Contemporary Relevance – Important Production Relationships.

Agricultural/Rural Labour: Rural Labour Market – Widening Disparity Between Agriculture and Non-Agriculture – Agricultural Diversification – Farm-Nonfarm Linkages and Diversification of Rural Economic Activities (Pluri-Activity) – Sustainable Rural Livelihoods – Migration and Rural Economy: Forced Migration, Seasonal Migration and Remittance – Employment and Unemployment in Agriculture and its Measurement – Agricultural Wages in India – Reforming Agriculture – Constraints and Scope – Education and Other Socio–Economic Overheads – Its Effect on Agriculture.

Module 2. Theoretical Developments:

Production Functions: Theory and Applications – Allocative and Technical Efficiency – Factor Combination and Resource Substitution – Cost and Supply Curves – Technical Change and Agricultural Productivity– Concept and Measurement – Total Factor Productivity – Resource Use and Technological Changes in Agriculture – Resource and Efficiency in Traditional/Modern Agriculture – Economics of Input and Product Substitution – Instability.

Transformation of Traditional Agriculture: Schultz and Mellor's Analysis – Agriculture and Dual Models: Fei-Ranis and Arthur Lewis – Kuznets's Formulations.

Module 3. Current Issues in Agriculture and Rural Development:

Problems of Water Utilization– Over Exploitation, Contamination, Distribution, Mismatch in Availability and Use – Issues Related to Large and Small Irrigation Works.

Supply of Farm Products: Characteristics of Supply of Farm Products – Issues Relating to Specification of Supply Response Function (Distributed Lags, Acreage Vs. Production Response Etc.) – Supply Response in Indian Agriculture.

Price Vs. Non–Price Factors in Inducing Aggregate Supply Growth: Farm Prices – Trends in Relative Prices of Farm Products – Agricultural Industry Linkages – Terms of Trade – Agricultural Subsidies – Sources of Price Variability and Income Instability – Rationale for and Types of Government Intervention for Price Support and Reduction in Instability.

Issues on the Mechanization of Agriculture: GM Crops in Agriculture – Bio Technology – Economic Aspects of Irrigation and Fertilizer Use – Live Stock Management – Dairy Farming – Fisheries Sector – Contract Farming – Value Addition: Processing Industry – Emerging Trends in Agricultural Technology – (Irrigation, Seeds, Fertilizers, Plant Protection Technology)– Green Revolution.

Module 4 : Demand and Markets: Demand for Farm Products: Characteristics of Demand for Farm Products – Concept and Measurement of Own Price Cross – Price and Income Elasticities of Demand and their Interrelationship – Quantity and Quality Components of Demand for Food – Growth in Demand for Food in Developing and Developed Countries.

Forecasting of Demand for Food Products: The Integration of Different Markets in India and the Structure of Marketing Agencies – Cooperative Marketing – Organized Retailing – Contract Farming – Price Spread – Issues with Respect to Marketed Surplus – Marketing Channels – Price Spread – Producers Share in Consumer's Rupee – Value Chain – Demand for Food In International Markets – Towards Free Trade in Agricultural Commodities.

Rural Money Markets: Reorganization of Rural Credit – Formal and Informal Credit Markets – Role of NABARD– Recent Policy Changes in Regard to Farm Credit and their Implications – Imperfections in Rural Credit Markets in India – Risk and Insurance – Efficient Risk Sharing Formal and Informal Insurance.

Books Recommended:

1. Acharya A.S. and N.L.Agarwal, (2012) Agricultural Marketing in India, Oxford IBH new Delhi
2. Barkley Andrew , Barkley Paul W. (2016), Principles of Agricultural Economics, Routledge.
3. Basu, Kaushik, (1990), Agrarian Structure and Underdevelopment, Harwood.
4. Bhalla, G.S., (2007) Indian Agriculture Since Independence, National Book Trust, New Delhi.
5. Drummond H., Goodwin John (2013) Agricultural Economics: Pearson New International Edition, Pearson.
6. Frank Ellis, (2000) Rural Livelihoods and Diversity in Developing Countries, Oxford University Press, New York.
7. MartiinCarin (2013), The World of Agricultural Economics: An Introduction, Routledge.
8. Moss Charles B. (2013), Agricultural Finance, Routledge
9. Norton George W., Alwang Jeffrey, Master William A. (2014), Economics of Agricultural Development: World Food Systems and Resource Use, Routledge.
10. Penson John, Capps Oral, Rosson C., Woodward Richard (2015), Introduction to Agricultural Economics, Pearson.
11. PranabBardhan, (1998) The Economic Theory of Agrarian Institutions, Clarendon Press, New York.
12. Rao, C. H. Hanumantha, (2005) Agriculture, Food Security, Poverty and Environment: Essays on Post – Reform India, Oxford University Press, New Delhi.
13. Schultz T.W.(1969) Transforming Traditional Agriculture, Yale University
14. Vaidyanathan, A., (2010) Agricultural Growth in India: The Role of Technology, Incentives and Institutions, 2nd edition, Oxford University Press, New Delhi.

**Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-I**

ECO2104.6: Community Development and Planning

Module 1. : Social Development Theory and Policy I: Modernization and Dependency Theories

- 1.1 Introduction to the Sociology of Development
- 1.2 Social Investment and Economic Growth
- 1.3 Theories of Underdevelopment
- 1.4 Theories of Development

Module 2 : Social Development Theory and Policy II:

2.1 Marxism, Post-Marxism and Post-Development

- 2.1 Post-modernization approaches to guided development during 1970s and 80s and their implications for state intervention and social policy.
- 2.3 Redistribution with growth and basic human needs.

Module 3 : Social Capital and Social Policy

4.1 What is Social Capital.

4.2 Asset Vulnerability Framework.

4.3 Foundations of Social Theory

Module 4 : Community Development

5.1 Community Development practices

5.2 Case Studies : Indian context

5.3 Overseas Development Assistance and Social Planning

5.4 Planning and aid, Social Development and the Environment, Population and Social Policy in an International and Indian context.

Books Recommended :

1. Hardiman M & J Midgley , The Social Dimensions of Development, Gower,1989
2. Webster A, Introduction to the Sociology of Development, Macmillan,1983
3. Streeten P, First Things First: Meeting Basic Human Needs in Developing Countries,1981
4. Putnam R, Making Democracy work, Princeton University Press, NEW Jersey,1993
5. Lal D, The Poverty of Development Economics,1983
6. Preston PW, Development Theory : An Introduction, Blackwells,1996
7. Chambers, R 'Poverty and Livelihoods: Whose Reality Counts?' in Environment and Urbanization, Vol. 7,No. 1, April 1995,pp 173-204.

**POST GRADUATE TEACHING DEPARTMENTS OF
ECONOMICS GONDWANA UNIVERSITY,
GADCHIROLI**

Master of Arts (M.A.) Applied Economics

Syllabus

Session 2020-21 onwards

Submitted By

Board of Studies in Economics

Gondwana University, Gadchiroli

Board of Studies in Economics
Syllabus for Master of Arts (M.A.) Applied
Economics Semester – III & IV
2020-21 onwards Syllabus Committee

S.N.	Name of Committee member	Designation
1	Dr. Shriram S. Kawale	Dean of Humanities
2	Dr. Prakash B. Titre	Chairman
3	Dr. Janardhan M. Kakde	Member
4	Dr. Manishkumar k. Kayarkar	Member
5	Dr. Ashish K. Mahatale	Member
6	Dr. Chandrashekhar K. Dongare	Member
7	Dr. Rajesh Kamble	Member
8	Dr. Sharyu Potnurwar	Member
9	Dr. Namdeo G. Umate	Member
10	Dr. Suresh R. Jagtap	Member
11	Dr. Kailas K. Patil	Member
12	Dr. S. B. Ambore	Member

M.A. Applied Economics

Regulations for the Masters Programme in Economics

1.1 Eligibility : For admission to the M.A. in Applied Economics programme shall Be Bachelor's Degree in Economics with 45% in Part III (Economic and subsidiary) or 50% with [B.Com](#), BCCA, B.B.M or any Degree with Economics as one of the subject or B.Sc. Mathematics or Statistics with 55% marks.

1.2. Candidates who have appeared in the Final Year Degree Examination but awaiting results are permitted to seek provisional admission to the course. Such candidates required to provide evidence of the minimum academic qualification prescribed on or before their enrolment to the first semester M.A, in Applied Economics examination, If they fail to do so they shall be disqualified from the admission.

1.3 Admission to the M.A. in Applied Economics shall be based on the scores obtained by the candidate in the CAT conducted by the University. The questions for the CAT are of multiple choices from Economics (50%), mathematics and Statistics (30%) remaining general awareness.

1.4 There shall be 80 seats each in First and Second year. The medium of instructions will be in English. However, students can appear for examination in English or Marathi or Hindi medium.

1.5 Reservation rules applicable to nonprofessional courses in Maharashtra as laid down by the State Government from time are applicable in the case of admission to the degree.

1.6 Payment of fees : Fees for the programme must be paid as prescribed by the University.

1.7 Re-admission to the programme shall be permitted only if the candidate satisfies the conditions laid down by the University and with permission of the Registrar.

1.8 Course Study : The course work for the M.A. in Applied Economics degree shall be in accordance with the schemes of examination and syllabus prescribed. The course shall extend over a period of two academic years comprising of four semesters. Each semester shall extend over a period of 16-18 weeks.

1.9 The minimum attendance required by the candidate shall be 75 percentage of the total number of working days.

1.10 Scheme of Studies : A minimum of 20 (Twenty) credits shall be offered in each semester. In the fourth semester there shall be a project report and comprehensive viva voce. The Project Report is equivalent to 1 (four) credits. The Viva Voce examination is based on a presentation made by candidate in the department with an external expert.

POST GRADUATE TEACHING DEPARTMENT
GONDWANA UNIVERSITY, GADCHIROLI

Master of Arts (M.A.) Applied Economics Syllabus

SEMESTER –III

Course code	Title of Paper	Core/ Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2301	International Trade	C	4	20	80	100
ECO2302	Growth and Development - I	C	4	20	80	100
ECO2303	Optional - V	E	4	20	80	100
ECO2304	Optional - VI	E	4	20	80	100

Optional - V

2303.1 : Financial Institutions & Markets-I

2303.2 : Labour Economics -I

2303.3 : Econometrics - I

2303.4 : Poverty and Income Distribution

2303.5 : World Economy

2303.6 : Economics of Service Sector

Optional - VI

2304.1 : Economics of Technology and Innovation

2304.2 : Research Methodology-I

2304.3 : Gender Economics

2304.4 : Economics of Insurance

2304.5 : Economics of Social Infrastructure

2304.6 : Monetary Policy in India

SEMESTER –IV

Course code	Title of Paper	Core/ Elective	Credits	Continuous evaluation	External Evaluation	Total Marks
ECO2401	Project Report and Viva Voce	C	4	20	80	100
ECO2402	Growth and Development - II	C	4	20	80	100
ECO2403	Optional - VII	E	4	20	80	100
ECO2404	Optional - VIII	E	4	20	80	100

Optional - VII

2403.1 : Financial Institutions & Markets-II

2403.2 : Labour Economics -II

2403.3 : Econometrics - II

2403.4 : Behavioural and Experimental Economics

2403.5: Energy Economics

2403.6 : History of Modern Economics Analysis

Optional - VIII

2404.1 : Economics of Marketing

2404.2 : Research Methodology-II

2404.3 : Computer Application in Economics

2404.4 : Economics of Governance and Public Policy

2404.5 : Industrial Relations & Social Security

2404.6 : Skill Development and Event Management

POST GRADUATE TEACHING DEPARTMENTS OF ECONOMICS

GONDWANA UNIVERSITY, GADCHIROLI

Master of Arts (M.A.) Applied Economics

PAPER PATTERN

SEMESTER – III & IV

Time : Three Hours

Max.Marks:80

Note : 1) All questions are compulsory

2) All questions carry equal marks

Que.1) Long Answer (any one) 16

A OR B

Que.2) Long Answer (any one) 16

A OR B

Que.3) Short Answer (any Two) 16

(A) (B) (C) (D)

Que.4) Short Answer (any Two) 16

(A) (B) (C) (D)

Que.5) Very Short Answer (all
question are compulsory) 16

(A) (B) (C) (D)

Gondwana University, Gadchiroli
Third Semester – Syllabus
M.A. Part II : Semester-III (Core Course)
ECO2301: International Trade

Module 1 : Theories of trade

Meaning, Salient Features and Importance of International and inter-regional Trade. Theories of absolute advantage, comparative advantage and opportunity costs, J.S. Mill's Theory of Reciprocal Demand; Heckscher-Ohlin Model. Role of dynamic factors, i.e., changes in tastes, technology and factor endowments.

Module 2 : Recent developments in international trade theories

Factor Price equalization theorem; Rybczynski theorem; Leontief paradox. Kravis theory of availability; Linder's demand hypothesis; Posner Technological gap (Imitation-gap) theories of trade; Vernon's Product Cycle Hypothesis; Kenen's theory and Emmanuel's theory. Gravity model of Trade, Krugman's theory Economic Geography. Intra-industry trade-Meaning and measurement.

Module 3 : Gains from trade

Trade as an engine of economic growth. Terms of Trade: Meaning, Types, Importance, uses, factors affecting terms of trade, causes of adverse terms of trade and their remedies. Gains from trade: meaning, factors affecting gains from trade and the measurement of gains and their distribution; Hypothesis of secular deterioration of terms of trade, its empirical relevance and policy implications for less developed countries.

Module 4 : Trade and Growth

Effects of growth on trade: consumption & production effects on international trade. Effect of growth on terms of trade the effects of growth on small countries; The Effects of Growth on Large Countries; Immiserizing growth. Export-led growth. Technical progress and international trade- Neutral technical progress, capital-saving technical progress, Labour-saving technical progress.

Books Recommended:

1. Jhingan M.L., International Trade and Finance, 2014, Vrinda Publication, New Delhi.
2. Cherunilum Francis (2008), International Economics, Tata McGraw Hill.
3. Mithani D.M., International Economics, Himalaya Publishing house, Nagpur.

4. Salvatore Dominick (2002), International Economics, (Latest edition), John Wiley and Sons, Singapore
5. Feenstra Robert C. (2004), International Trade: Theory and Evidence, Princeton, University Press, Princeton.
6. Ambhore Shankar Bhagwan (2020); Recent Trends in Economic Development and Planning, International Publications, Kanpur.
7. Grimwade Nigel (2001); International Trade, (Latest edition), Routledge. London.

M.A. Part II: Semester-III

(Core Course)

ECO2302: Growth and Development - I

Module 1 : Concepts of Economic Development

Economic Development and Growth- meaning, indicators, Factors and measurements
Characteristics of Underdeveloped, Developing and Developed countries, Obstacles to Economic Development and Growth, Human Development Indices: PQLI and HDI.

Module 2 : Issues in Economic Development and Growth

Features of Modern Economic growth, Modern Growth and the rise in International Inequalities, Convergence of Development Levels. Chenery's Structural Changes under Development, Economic growth and Income Distribution- Kuznet's hypothesis, Economic Growth and Social Justice.

Module 3 : Theories of Economic Development – I

Classical theory: Adam Smith and Malthus and Ricardo, Schumpeter's' theory of Development, Rostow Stages of Economic Growth, Marx theory of Economic Development, Lewis Theory of Unlimited Supply of Labour, Keynes theory of underdeveloped country, Big Push Theory, Theory of Balanced and Unbalanced Growth (Hirschmans), Dualistic theory.

Module 4 : Theories of Economic Development– II

Myrdal's Theory of Circular Causation, Harrod-Domar Model, Kaldor model of Distribution, Joan Robinsons model of Capital Accumulation, Solow's model of long run Growth, Meade's Neo-Classical Model of Economic Growth, Models of Technical Change, Golden Rule of Accumulation.

Books Recommended :

1. Todaro, Michael P. and Stephen C. Smith, Economic Development, 8e. Delhi : Pearson Education, 2003.
2. Misra, S. K. and Puri, Growth and Development, Mumbai : Himalaya Publishers, 2005.
3. Thirlwall, A.P. Growth and Development 8e. New York : Palgrave McMillan, 2005.
4. Meier, Gerald M. and James E. Rauch, Leading issues in Economic Development, 8e. New Delhi : Oxford University Press.
5. Jhingan M.L.(2015) The Economics Of Development and Planning. Vrinda Publication (P) Ltd, New Delhi
6. Ambhore Shankar Bhagwan (2020); Recent Trends in Economic Development and Planning, International Publications, Kanpur.

Optional: - V

M.A. Part II: Semester-III

(Elective Course - Group E)

ECO2303.1: - Financial Institution & Market – I

Module 1 : Introduction of Indian Financial System

Nature & Role, Functions, Structure of Financial System. Equilibrium in financial Markets. Financial System and Economic Development. Meaning and Indicators of financial developments. Reforms in financial system (Narasimham Committee Report 1991 and 1998). Financial inclusion: meaning, need and initiatives.

Module 2 : Structure of Interest Rates

Theories of level of interest rate determination. Term Structure of Interest rates: meaning and theories of structure of interest rates and determinants of general structure of interest rates. Interest rates in India: Administered & Deregulation of interest rates, Features & Trends of interest rates in India. Appropriate interest rate policy.

Module 3 : Banking in India

Growth and structure of banking in India 1970. Asset Liability Management of Commercial Banks, Management of NPAs, Diversification on Commercial Banking, Profitability and Productivity of Commercial Banks in India, Co-operative Banks – Structure, Performance and Policy.

The Reserve Bank of India: Roles and Functions, Monetary Policy of the RBI, Techniques of Monetary Control, Recent Policy Developments, Liquidity Adjustment Facility (LAF).

Module 4 : Development Banking:

Development Banks-Role and functions & performance, Non-Banking Financial Intermediaries: functions, types and significance. Small Savings: Concept & importance & types. Provident funds and pensions funds. Mutual Funds: Concept, importance & types Investment banks and Merchant banks. Insurance: origin & development. Role and functions of IRDA.

Books Recommended:

1. Bhole L M, 5th edition, Financial Institutions & Markets, Tata McGraw, New Delhi.
2. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi.
3. Pathak Bharti, 2009, Indian Financial System, Pearson Education Publication, New Delhi
4. Shrivastava P.K., Banking Theory and Practice, Himalaya Publishing House, New Delhi, 2009.
5. RBI Bulletin and various RBI Report.

M.A. Part II: Semester-III

(Elective Course - Group E)

ECO2303.2 : Labour Economics – I

Module 1 : Indian Labour Market

Meaning- Concept, Significance and Peculiarities of Labour

Nature, Scope and Importance of Labour Economics, Characteristics of Indian Labour Market, casual labour in India and Labour market in India

Marginal Productivity Theory, Nature and characteristics of labour Problems,

Module 2 : Labour Market and Policies

Labour Market- Nature and Characteristics, Demand for Labour in relation to size and pattern of investment, Choice of technologies and labour policies Supply of Labour, Growth of Labour Force, Labour Market Policies, Mobility and Productivity,

Module 3 : Employment and Wage Determination

Employment and Development relationship- poverty and unemployment, Unemployment-Types, concepts and measurement, Employment Policy Wage Determination- Classical, Neo-

classical and Bargaining theories; Concepts of minimum wage and efficiency wage; Non-wage component of labour remuneration, Productivity and wage relationship

Module 4 : Industrial Labours

Industrial and Agricultural Labour Industrial Labour- Theories of labour movement, growth, pattern and structure of labour unions in India, Industrial Disputes and their settlements, trends in collective bargaining, Indian Labour laws in the context of international labour standards Agricultural Labour Markets- Rural labour supply, Interlocking of factor markets, nature and trends in rural employment, Agricultural wages in India, Non-agricultural rural employment

Books Recommended:

1. Bhagoliwal T.N. (2002), Economics of Labour and Industrial Relations: Sahitya Bhavan, Agra
2. Bhatia, S.K. (2005), Constructive Industrial Relations and Labour Laws, B.R. World of Books, New Delhi.
3. Das N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
4. Datt, G. (1996), Bargaining Power Wages and Employment: An Analysis of Agricultural Labour Markets in India, Sage Publications, New Delhi.
5. Datt, Rudra (2005), Economic Reforms and Employment, BRW, New Delhi.
6. Deshpande and J C Jandesara (Ed.), Wage Policy and Wage Determination in India, Bombay University, 1970
7. Deshpande L.K., Brahmananda P.R. and E.A.G Robinson (eds), Employment Policy in a Developing Economy, vol.I& II, Macmillan, London, (1983).
8. Ghose, Ajit.K. (2003), Jobs and Incomes in Globalizing World, ILO, Geneva.
9. Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Common Wealth Publishers, New Delhi.
10. Kumar Anil, (2005), Labour Welfare and Social Security, BBW, New Delhi.

M.A. Part II: Semester-III
(Elective Course - Group E)
ECO2303.3 : Econometrics – I

Module 1 : Basic Econometrics

Econometrics- Meaning, Nature, Scope, Importance. Methodology of Econometrics, Structure of Economic Data, Statistical Inference – Estimation and Testing of Hypothesis.

Simple and General linear regression model – Assumptions, Estimation (through OLS approach) and properties of estimators; Gauss-Markov theorem; Concepts and derivation of R-square and adjusted R- square;

Module 2 : Problems in Regression Analysis

Problems in Regression -Multicollinearity, Autocorrelation Heteroscedasticity-Meaning, Nature, Consequences and Remedial Measures

Model Specification and Diagnostic Testing

Module 3 : Regressions with Qualitative Independent Variables

Dummy Variable – Meaning, Nature, Importance and Limitation, Use of Dummy Variable Technique in two and more than two categories, Dummy Variable Trap, Interaction effects, Seasonal Analysis, Piecewise Linear Regression,

Applications - The LPM, Logit, Probit and Tobit Models

Module 4 : Dynamic Econometric Models

Lagged Variables and distributed lag models – Meaning, Nature, Importance and Estimation Koyck Approach to Distributed Lag Models- the Adaptive Expectation model and Partial Adjustment Model, Estimation of Autoregressive Models, Method of Instrumental variables Almon Approach to Distributed Lag Models, Causality in Economics.

Books Recommended:

1. Gujarati D.N., Basic Econometrics, McGraw Hill, New Delhi.
2. Dongherty C (1992), Introduction to Econometrics, oxford University Press, New York.
3. Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed), The Macmillan Press Ltd., London.
4. Madani, G.M.K. (2000): Introduction to Econometrics: Principles and applications, Oxford University Publications.

5. William H. Greene. (2008) *Econometric Analysis*. Pearson Education Publication New Delhi
6. Wooldridge, J., (2009) *Introductory Econometrics: A Modern Approach*, Cengage Learning Publication .
7. Dhanasekaran K., (2014) *Econometrics (Ed. 2)*, Vrinda Publication, New Delhi,

M.A. Part II: Semester-III
(Elective Course - Group E)

ECO2303.4 : Poverty and Income Distribution

Module 1 : Measuring poverty and Inequality

Concept of Poverty and Inequality, Different dimensions of Inequality, Measuring Inequality- Size distributions, Lorenz curves, Gini coefficients and aggregate measures of inequality, Functional distributions Measuring Absolute Poverty -Headcount Index, Total Poverty Gap, Average Poverty Gap, Normalized Poverty Gap, Average Income Shortfall, Normalized income Shortfall, The Foster-Greer- Thorbecke Measure. Alternative approach to measuring Poverty -Human Poverty Index, Multidimensional poverty Index

Module 2 : Growth, Poverty and Income Distribution

Poverty, inequality and social welfare, Dualistic Development and Shifting Lorenz Curves Growth and Inequality- Kuznets's Inverted-U Hypothesis Absolute Poverty: Extent and Magnitude, Economic Characteristics of High-Poverty Groups- Rural Poverty, Women and Poverty, Ethnic Minorities, Indigenous Populations and Poverty.

Module 3 : Poverty and Income Inequality in India

Concept of poverty line- Poverty Estimations in India, Economic Reforms and Reduction of Poverty, Poverty and trickle down in the rural sector; Need for Redefining Poverty line; Pattern of Income Distribution in India, Dis-equalising growth during the Economic Reform Period; Causes and consequences of Inequalities in India.

Module 4 : Policy Options on Income Inequality and Poverty

Some basic Considerations- Areas of Intervention, Altering the Functional Distribution of Income through Relative Factor Prices, Modifying the Size Distribution through Increasing Assets of the Poor, Progressive Income and Wealth Taxes, Direct Transfer Payments and the Public Provision of Goods and Services; Employment generation and wages, Human Capital

formation, Safety Nets for poor- poverty Alleviation Programmes in India, Strategy of poverty alleviation- Target growth approach, basic needs approach Government Policy and Measures for reduction of income inequality.

Books Recommended:

1. Todaro M.P. and Smith S.C.(2012): Economic Development, Pearson, Addison-Wesley.
2. Datwala M.L. Poverty in India, Then and Now, 1870-1970.
3. Dandekar and Rath(1971): Poverty in India.
4. Deb Raj Ray (1998): Development Economics, Oxford Uni. Press.
5. Sen A. K. : On Economic Inequality, Oxford Press.
6. Dudley Jackson (1972): Poverty, Mackmillan studies, mackmillan Press.
7. Jain T. L. (1987): poverty in India, ESS Pub.
8. Millennium Development Goals, India Country Report 2014, Govt. of India.
9. Ambhore Shankar Bhagwan (2020); Indian Economy Policy, Planning and Implementation, International Publications, Kanpur.

M.A. Part II: Semester-III
(Elective Course - Group E)
ECO2303.5 : World Economy

Module 1 : Introduction to World Economy

An overview of the world economy; Major economies of the world, Income and Income Growth of World Economy during the last two decades. Linkages in the Major Economies- Trade, Investment and Capital Flows, Major Economic Groups.

Module 2 : World Economy: The Demographic Dimension

Recent Trends in world population, Birth Rate, Death Rate, Infant Mortality Rate, Child Mortality Rate, Total Fertility Rate, Life. Expectancy at birth in US, UK, Germany, France, Japan, China, India, Sri Lanka, Australia and Bangladesh.

Module 3 : Agriculture and Industry in the World Economy

Main food producers of the world; Trends in the production of main food crops; World food Security. Main Industrial Economies of the World; Role of industrial development in the growth of major world economies.

Module 4 : World Trading System

Trends in the international trade; Main trading nations of the world; Role of international

trade in the growth and development of Major World Economies. Emergence of WTO. Role of WTO in World Economy. International Monetary Fund, World Bank Global Financial Crisis and its impact on World Economy.

Books Recommended:

1. World Bank, World Development Report, Oxford. Various Issues.
2. Human Development Report, UNDP, Various issues.
3. Trade and Development Report, UNCTAD, Various issues.
4. Rosser J. B. and Rosser M.V. (2005): Comparative Economics in a Transforming World Economy, Prentice Hall.
5. Daniels J. P and David D. V (2011): Global Economic Issues and Policies, Routledge, New York.
6. Yarbrough B.V and Yarbrough R.M (2007): The World Economy, Trade and Finance, Cenage Learning.
7. Thirlwall, A.P(1999): Growth and Development, Macmillan, London,
Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle, NJJ. New York.

**M.A. Part II: Semester-III
(Elective Course - Group E)**

ECO2303.6 : Economics of Service Sector

Module 1 : Introduction Service

Concept of service- Attributes of service, Main types of services and their classification, service-goods relationship, economic services; Rural-Urban Services-dualism. Services Economy-Concept and its role in development. Knowledge Economy- Concept and Characteristics, Innovation and R&D.

Module 2 : Service and Information Technology

Services and information Technology-The Interconnection-Promotion of Services through IT in India. Financial Services-Security Markets and their Management in India- Management and Marketing of financial services in India.

Module 3 : Tourism – Service Sector

Travel, Transport, Communication, Insurance and Tourism: interrelationship – Growth of Transport-Transport Planning –Development of infrastructure-Role of the State and Private

Sector. Hospitality and Entertainment Service-Hotel Industry-Feasibility and Planning of Hospitality - Hotel Regulations-Tariff Clarification-Food and Catering Services.

Module 4 : Service Sector

Dynamics of services sector growth in India, Three-sector hypothesis and India, Role of service sector in Indian Economy, Decomposition of Services sector growth in India and its implications. Employment in Services Sector- a gender perspective. Business Services, Telecommunications, Tourism, Hotel, Real estate, IT and insurance sector in India. Public Private Partnerships in Services.

Books Recommended:

1. Alister Matheson & Geoffrey Walt- Tourism: economic Physical and Social Aspects
2. A.K. Bhatia – International tourism: Fundamentals and Practices.
3. U.A. Avadani, “Investment and Security Markets in India”, Himalaya Publishing House, Bombay..
4. R.K.Sen and B.Chatterjee, ‘Indian Economy Agenda for the 21st Century, Deep and Deep Publications, New Delhi.
5. Baumol, W.J., Blackman, S.A. Batey and Wolff, E.N. (1985). Unbalanced Growth Revisited: Asymptotic Stagnancy and New Evidence. American Economic Review 75:806-17.
6. Glasmeier, A. and Howland, M. (1994). Service-led Rural Development: Definitions, Theories and Empirical Evidence, International Regional Science Review, 16, 197-229.
7. Hindley, B. and Smith, A. (1984). Comparative Advantage and Trade in Services, World-Economy, December, 7(4), 369-89.
8. Melvin, J. R. (1989). Trade in Producer Services: A Heckscher-Ohlin Approach, Journal of Political Economy, 97(5), October, 1180-1196
Seth, V. K. (2007). Economics of Services, Ane Books India, 2007.

Optional – VI

M.A. Part II: Semester-III

(Elective Course - Group E)

ECO2304.1 : Economics of Technology and Innovation

Module 1 : Information Technology

Definition of information-industry Value Chain Knowledge Economy-information of Economy-information Economy. Nature and Scope of information Technology-Variety Sources of information.

Module 2 : Communication

The Role of Mass Media, The Tele Communications industry-Origins, The Computer industry – Origins of hardware and software. The Broadcast industry, Cable and Satellite Television. Theory of public good, information as a public good, Role of Government in information and the Media-Broadcast and Cable Television, Telecommunications.

Module 3 : Technology Development

Information Technology-Labour and Employment-Globalization; Effect on Productivity-Contingent labour-part time employment – impact on Older persons, Gender Issues-Human Resource Development.

Module 4 : Global Information and Technology

Information Technology and the Media in the Global Economy-Global information infrastructure – Relationship between Trade and infrastructure-The General agreement on Trade and Services – WTO basic Telecommunication agreement – WTO information Technology Agreement-Trade related intellectual property rights. Issues in Media and information Economics – Gap between developed and developing Nations-Piracy-The legal and regulatory environment –The role of the government-information.

Books Recommended:

1. Linda Low, Economics of Information Technology and the Media, World Scientific Singapore University Press, National University of Singapore, Singapore, 2000.
2. Hal R. Varian, Joseph Farrell, & Carl Shapiro: The Economics of Information Technology: An Introduction, Cambridge University Press.
3. David Ulph and Nir Vulkan. Electronic commerce and competitive first degree price discrimination. Technical report, University College, London, 2000.

4. Erik Brynjolfsson and Lorin M. Hitt. Beyond computation: Information technology, organizational transformation and business performance. *Journal of Economic Perspectives*, 14(4):23–48, 2000.
5. Thomas N. Hubbard. The demand for monitoring technologies. *Quarterly Journal of Economics*, pages 533–560, May 2000.

M.A. Part II: Semester-III
(Elective Course - Group E)

ECO2304.2 : Research and Methodology - I

Module 1 : Introduction to Research

Meaning, Characteristics of Research, Pure and applied Research in Social Science, Need of Research in Business and Social Sciences, importance and utility of Social Science Research, Objectives of Research; Types of Research: Basic Research, Applied Research, Descriptive Research, Analytical Research and Empirical Research; Issues and Problems in Social Science Research.

Module 2 : Research Methodology

Meaning of Research Methodology;
Research Process, Research Problem- Meaning, need and formulation

Hypothesis- Meaning, types and Formulation

Module 3 : Research Design and Sample Design

Research Design –Meaning, Types and Significance

Sample Design –Meaning and Significance Essentials of a good sampling, Stages in Sample design Sampling methods/techniques, Sampling Errors

Module 4 : Methods and Techniques of Data Collection

Sources of Data: Primary Data –Meaning, Significance and Limitations, Secondary Data – Meaning, Significance and Limitations;

Collection of Primary Data-Observation method, Survey through Questionnaire, Interview Technique Collection of Secondary Data; Factors influencing choice of method of data collection;

Designing of questionnaire - Meaning, types of questionnaire, Stages in questionnaire designing, Essentials of a good questionnaire.

Books Recommended:

1. Wilkinson and Bhandarkar -Methodology and Techniques of Social research –Pauline, Young-Scientific Social Surveys and Research
2. Goode and Hatt -Methods in Social Surveys and Research
3. Krishnaswamy K.N. and Appalyer Sivakumar (2009): Management Research Methodology, Pearson Education Publication, New Delhi.
4. Sharma Prasad and Satyanarayana (ed) Research Methods in Social Sciences Moser and Kalton -Survey Methods in Social Investigations
5. Sadhu and Singh -Research Methodology in Social Sciences
6. Kurein C. T.: A Guide to Research in Economics. Devendra Thakur-Research Methodology in Social

M.A. Part II: Semester-III
(Elective Course - Group E)
ECO2304.3 – Gender Economics

Module 1 : Concepts and Theoretical Approaches in Gender Economics

Difference between Gender and Sex; Concept of gender economics; Gender issues in economic theory; Gender division of work; Invisibility of women's work; Gender budget; Gender Audit. Approaches: Women in development (WID); Women and development (WAD), Gender and development (GAD); Neoliberal approaches.

Module 2 : Gender and Development

Conceptualizing and measuring women's contribution to national income and growth; Gender Inequality in human development; Gender related development indices; Measuring gender empowerment; Women in agriculture; Women in industry; Women in services; Gender dimensions of international trade.

Module 3 : Gender and Social Sector

Application of theories of capability and human capital for studying gender and education; Significance of Women's education; Gender gaps in educational achievements; Policies and Programmes for promoting women's education. Life cycle approach to gender specific health needs; Reproductive Rights; Gender dimension of national health policies and programs; National Rural Health Mission; Reproductive and Child Health Program.

Module 4 : Women, Poverty and Environment

Women's Rights; Deprivation and marginalization of women; Feminization of poverty: extent, causes and consequences; Welfare-oriented Programs to empowerment-oriented programs; Need for gender concerns in designing social security policy; Women and environment.

Books Recommended:

1. Anupama (2007), 'Gender discrimination in quality of employment and wages in unorganized manufacturing sector of India', *Indian Journal of Labour Economics*, 50(4), pp.1007-1119.
2. Arputhamurthy, S. (1990), *Women Work and Discrimination*, New Delhi: Ashish Publishing House.
3. Bosarup Ester, (1970) *Women's Role in Economic Development*, George Allen and Unwin, London.
4. Devasia Leelamma (1994) *Empowering Women for Sustainable Development*, Ashish Publishing House, New Delhi.
5. Eswaran, M. (2014), *Why Gender Matters in Economics*, Princeton University Press.
6. Jacobsen, J. (2007), *The Economics of Gender*, Wiley-Blackwell.
7. Jose, S. (2008), 'Paid employment and female autonomy in India: issues and evidence', *Indian Journal of Labour Economics*, 51(3), pp.397-408.
8. Mazumdar, I. and N. Neetha (2011), 'Gender dimensions: employment trends in India 1993-94 to 2009-10', *Economic and Political Weekly*, 46(43), pp.118-126.
9. Neetha, N (2006), 'Invisibility continues? Social security and unpaid women workers' *Economic and Political Weekly*, 41(32), pp. 3497-3498.
10. Nirmala, V and, K. S. Bhat (1999), 'Female work participation in the emerging labour market in India', *Indian Journal of Labour Economics*. 42(4), pp.613-639.
11. Ambhore Shankar Bhagwan (2020); *Indian Economy Policy, Planning and Implementation*, International Publications, Kanpur.
12. Pal, M., P. Bharati, B. Ghosh, and T.S. Vasulu (eds.) (2011), *Gender and Discrimination Health, Nutritional Status, and Role of Women in India*, New Delhi: Oxford University Press.
13. Pellissery, S. and S. K. Jalan (2011), 'Towards transformative social protection: a gendered analysis of the Employment Guarantee Act of India (MGNREGA)', *Gender and Development*, 19(2), pp. 283-294.
14. Sen, A. and J. Drèze (1995), *India: Economic Development and Social Opportunity*, Oxford University Press.

M.A. Part II: Semester-III
(Elective Course - Group E)
ECO2304.4 : Economics of Insurance

Module 1 : Introduction

Economic Security; Human quest for economic security through time, exposure to losses; Role of insurance; Definition of insurance. Risk pooling and risk transfer; Economic and legal perspectives; Social Vs Private insurance; Life Vs Non-life insurance; Classification of life, Health and General Insurance policies.

Module 2 : Risk and Risk Management

Fundamentals of uncertainty and risk; Pure risk and speculative risk; Expected utility and decision making under uncertainty; Expected utility and the demand for insurance; Moral hazards and insurance demand; Concept of risk management; Essentials of risk management; Elements of risk management, Risk assessment; Risk control and risk financing.

Module 3 : Insurance and Economic Development

Risk management and insurance in economic development, Insurance institutions as financial intermediaries, Insurance institutions as investment institutions, insurance institutions in Indian capital market. World Wide risk sharing - Concept of reinsurance, Fundamentals of reinsurance, Types of reinsurance; Reinsurance distribution systems; Reinsurance markets in Developing countries.

Module 4 : Types of Insurance and Insurance Regulation

Fundamentals of Life; Health and General Insurance; Functions and importance of Life, Health and General Insurance; Mathematical basis of life insurance; Plans and legal aspects of life insurance; Provisions of policies, Selection and classification of risks; Types of evaluation. Theories of regulation, insurance regulation in India; Insurance Regulation and Development Authority. (IRDA).

Books Recommended:

1. Bailey R (Ed) (1999), Underwriting in Life and Insurance, LOMA, Atlanta, Ga.
2. Bhole, L.M. (1990) The Indian Financial System, Tata McGraw Hill, New Delhi.
3. Bickelhaupt, D.L. (1992), General Insurance, Irwin. Inc. Burr Ridge.
4. Black K.Jr. and H.D. Skipper Jr(2000), Life and Heath Insurance, Prentice Hall, Upper Suddle River, New Jersey

5. Finsinger, J, and MV. Pauly (Eds). (1986), The Economic of Insurance Regulation: A Cross National Study, Macmillan, London.
6. Graver E.E and L.N.Hayes (Eds). (1994) Mc. Grill's Life insurance. The American College, Blyn Mawr Pa.
7. Hedad, G.L. and S. Horn II (1991), Essentials of Risk Management, Vol.1 Insurance Institute of America, Malvern, Pa.
8. Skipper, Jr.H.D. (Ed) (1988). International Risk and Insurance: An Environmental Managerial Approach, Irwin Mc. Graw Hill, Boston.
9. Tacchino, K.B. and D.A. Little (1993), Planning for Retirement Needs, The American College, Bryn Mawr, PA.

M.A. Part II: Semester-III
(Elective Course - Group E)

ECO2304.5 : Economics of Social Infrastructure

Module 1 : Economics of Education

Education- Meaning, need, objective, Meaning of Economics of Education, Demand for Education–Private Demand and Social Demand; Determinants of Demand;

Costs of Education–Expenditure on Education; Private Costs and Social Costs;

Benefit of Education– Direct and Indirect Benefits; Private and Social Benefit; Cost–Benefit Analysis, rate of return to investment in education Current scenario of education system

Module 2 : Education and Economic Development in India

Objectives of Educational Planning; A Review of Educational Development in India – Primary, Secondary, Vocational, Higher, Technical and Adult Education;

Educational Policy in India; Expenditure on Education and Improvement in Literacy in India; Educational Development Policy and Employment in India. Globalization and higher education, National Knowledge Commission Effects of educational financing on income distribution Effects of education, Ability and family background on earnings, Poverty and income distribution, Education and employment- Concept, Merit- Demerit.

Module 3 : Demand for and Supply of Health

Health care- Definition, characteristic, holistic approach, benefits, types of treatments - Nature of Demand for Supply of Health, Determinants of Demand & good health Pricing of HealthCare Services-Drugs, Hospitals; Cost of Health Care Services; Market Failure;

components of healthcare systems National health policy, Planning & health committees Role of NGO's In Healthcare Systems

Module 4 : Financing Health Care

Financing of health care and resource constraints, PHC- Health Status Indicators and measurement, A review of per capita private and public expenditure on health services. Economic Reforms and Health Sector. WHO- role & Need for a social health insurance for the poor, disabled and the aged? The role of development financing institutions in financing health services. Health insurance Policy in India-Insurance- definition, nature, characteristics, functions, types, importance, classification, advantages, Principles Rural healthcare system in India

Books Recommended:

1. Agarwal, Pawan, Higher Education in India: The need for Change.
2. Aggarwal and Aggarwal, Educational Planning in India, Vol.I, Delhi.
3. Banerjee D., Social Cultural and Foundations of Health Services Systems of India, Inquiry, Supplement to Vol. XII June.
4. Banerjee D., Poverty, Class and Health Culture in India Vol.I, Prachi Prakashan, New Delhi.
5. Baru, R.U., Private Health Care in India; Social Characteristics and Trends, Sage Publications, New Delhi.
6. Berman, P. and M.E Khan, Paying for Indian's Health Care, Sage Publications, New Delhi.
7. Berman, R.(Ed), Health Sector Reform in Developing Countries: Making Health Development Sustainable, Boston: Harvard Series on Population and International Health.
8. Das Gupta M., Chen, L. C. and Krishna, T. N, Health, Poverty and Development in India, Oxford University Press, Delhi.
9. Feldstein M.S., Economic Analysis of Health Service Efficiency, North Holland, Amsterdam.
10. Hanley, N., J.F. Shogern and B. White, Environmental Economics in Theory and Practice, Macmillan.
11. Kapur, Devesh and Mehta, Pratap Bhanu, Indian Higher Education Reform: From Half-Baked
12. Krishnakumar T. and Rao K.N., Financing of Health Services in India: Perspectives and Issues", Department of Economics, University of Hyderabad,
13. McMohan, W.W., Education and Development; Measuring the Social Benefits, Oxford University Press, Oxford.
14. Murthy M.N.,A. James ; and S. Misra, The Economics of water Pollution in India, Oxford

- University Press, new Delhi.
15. Padmanabhan, C.B., Financial Management in Education, Select Books, New Delhi.
 16. Panchamukhi, P.R., Economics of Health: A Trend Report in ICSSR, A Survey of Research in Economics, Vol.VI, Infrastructure, Allied, Delhi.
 17. Rao, V.K.R.V, Education and Human Resources Development, Allied Publishers Bombay.
 18. Sengupta R.P, Ecology and Economics: An approach to Sustainable Development, Oxford University Press, New Delhi.
 19. ShriPrakash, Cost of Education: Theoretical Exploration and Empirical Prognostication,
 20. Tilak, J, B.G., The Economics of Inequality in Education, Sage Publishers, New Delhi
 21. Tilak, J.B.G., Education for Development in Asia, Sage Publications, New Delhi.
 22. Vaizey, J., Economics of Education, Faber and Faber, London.
 23. Woodhall, M., Cost Benefit Analysis in Educational Planning, UNESCO, Paris.
 24. World Bank, The Financing Health Services of Developing Countries: An Agenda for reform, World Bank Policy Study, Washington

M.A. Part II: Semester-III
(Elective Course - Group E)
ECO2304.6 : Monetary Policy in India

Module 1 : Central Bank & Reserve Bank of India

Changing Role and Need of Central Banking Origin and evolution of Central banking Role of Central Bank in emerging Economies Need and Rationale of Central Bank. Autonomy of Central Banks, Evolution of Reserve Bank of India (R.B.I.), Functions and Regulations of Reserve Bank of India, The Reserve Bank as currency authority: Issue of currency notes, Asset banking for note- issue, Distribution of currency, Currency chests, Recent developments in currency management. The Reserve Bank as banker to Government: Maintenance of Government accounts, Banker to the Central Government and the State governments, Management of public debt.

Module 2 : Regulation and supervision over commercial banks

RBI as a Banker's Bank: Controller of Credit, Lender of Last Resort, RBI as a Custodian/Manager of Foreign Reserves, Promotional Functions of RBI, Regulation and Supervision of Reserve Bank over Commercial banks, Licensing of banks, Opening of new banks, Branch Licensing, Foreign banks, Cash reserves and liquid assets, Prudential norms, Capital and reserves, Control over methods of operation, New Banking Licensing Policy

Para banking activities. Control over management, Annual accounts and audit, Subsidiaries of commercial banks, Credit Information Bureau of India Ltd. (CIBIL) Bank Assurance, Portfolio Management Services, Pension Fund Managers, Mutual Fund Business, Underwriting of Bonds of PSUs, Investment in Venture Capital Funds etc.

Module 3 : Non-Banking Financial Companies (NBFCs)

Non-Banking Financial Companies (NBFCs) Meaning and types of NBFCs, Role of NBFCs Problems of NBFCs, Measures for supervision over NBFCs., Revised Regulatory framework for NBFCs, Monetary Policy and Macro-economic environment management: Objectives of monetary policy: Price stability, Generation of employment, Exchange Rate Stability, Balanced growth etc., conflict between objectives: Growth v/s Inflation. RBI's Monetary Policy Committee and the Instruments: Formation of Monetary Policy Committee: Purpose, Functions, Constitution and Decision Making;

Module 4 : Fiscal Policy & Monetary Policy

Fiscal Policy v/s Monetary Policy Instruments of monetary policy -: Mechanism and Effectiveness of the instruments like- Bank Rate, Cash Reserve Ratio, Statutory Liquidity Ratio, Repo Rate, Reverse Repo Rate, Marginal Standing Facilities Rate RBI's Monetary Policy: A review of monetary policy of the Reserve Bank of India in the last Five Years – Recent policy changes announced by the R.B.I. Reserve Bank of India and Financial Inclusion: Meaning of financial literacy and importance of financial literacy Meaning of financial inclusion and importance of financial inclusion Role of RBI in Financial Inclusion R.B.I. and Rural credit: Priority Sector Advances, Role of NABARD Microfinance: Meaning of microfinance, functions of microfinance, progress of microfinance.

References:

1. Venugopal Reddy Y.; Monetary & Financial Sector Reforms in India
2. Jhingan M.L., Vrinda; Money, Banking, International Trade and Public Finance- Publications Ltd.
3. Fabozzi Frank J.; Foundation of Financial Markets and Institutions- Dorling Kindersley Pvt. Ltd.
4. Sharma Hemant; Encyclopaedia of Banking and Finance – Cyber Tech Publication, New Delhi Financial Markets and Institutions in India- Dr. Sunil Shete, Success Publications.
5. Indian and Global Economy – Dr. M. U. Mulani, Success Publications Govt. of India- Economic Survey R.B.I.: Functions and Working – R.B.I. Publication.

6. R.B.I. Bulletins. R.B.I. Annual Reports. Reports on Trend & Progress of Banking in India- R.B.I. Publication www.rbi.org.in Monetary & Financial Sector Reforms in India – Y. Venugopal Reddy.
7. Business Aspects in Banking and Insurance- O.P. Agarwal, Himalaya Publishing House Banking Theory and Practice- K.C. Shekhar and Lekshmy Shekhar, Vikas Publishing House Pvt. Ltd.
8. Money, Banking, International Trade And Public Finance- M.L. Jhingan, Vrinda Indian Economy: Essays on money and finance, Dr. C. Rangarajan
9. Monetary Economics for India, Dr. Narendra Jadhav Govt. of India- Economic Survey Trends & Progress of Banking in India- R.B.I. Annual Annual Report on Trend and Progress of Banking.

Gondwana University, Gadchiroli

Fourth Semester – Syllabus

M.A. Part II: Semester - IV

(Core Course)

ECO2401: Project Report and Viva Voce

PROJECT WORK :

In the MA (Applied Economics) programme the student can opt for ECO 2401: Project Work. The evaluation of which is based on submission of a Project Report and viva voce examination on the project report submitted. There is no assignment for ECO 2401.

The student is expected to conduct an in-depth study on a topic and reveal his/her analytical and presentation skills. Therefore, the topic for project report should be precise. Project Report should be of about 15,000-20,000 words (about 50-60 pages), typed double space. A Project Guide is dispatched to students along with study material to help him/her in preparing the Project Report.

You can have a supervisor from the Academic Counsellors of ECO 2401 courses at the Study Centre or a faculty of a Research Institute involved in research activities for preparation of the Project Report. The student is expected to develop a Project Proposal in consultation with the supervisor approved by the faculty at the Headquarters. The Project Proposal duly endorsed by the supervisor is submitted to the Course Coordinator, ECO 2401 course, Post Graduate Teaching Department, Gondwana University, Gadchiroli for approval. Project Report submitted without a supervisor or without the approval of the proposal by the Faculty of Economics at Post Graduate Teaching Department, Gondwana University, Gadchiroli will not be accepted for evaluation by Student Evaluation Division.

Before writing the Project Report, the Project Proposal should be sent for approval to 'The Course Coordinator, ECO 2401 Course, Post Graduate Teaching Department, Gondwana University, Gadchiroli. A proforma for submission of Project Proposal is included in the Project Guide. When the Project Report is complete, it should be sent to the Registrar Student Evaluation Division, Post Graduate Teaching Department, Gondwana University, Gadchiroli for evaluation purposes. Completed project report should NOT be sent to the Course Coordinator/ Faculty of Economics.

General Guidelines for Project work

Project work is an integral part of academic curriculum of the Department. It is an initiative to bridge the gap between knowledge and application through a series of interventions that will enable students to gain insights and exposure. The project work serves

the twin purposes of providing critical economic and business insights to students and providing industry with graduates of a high caliber who are ready to get ahead in the world from day one.

Objectives

- To provide an opportunity for students to apply theoretical concepts in real life situations;
- To enable students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks

Tentative Framework

1. Selection of a Topic
2. Chapter -1: Conceptual Framework
3. Chapter – 2 : Review of Literature and Methodology
 - Research Gap
 - Significance of the Study
 - Formulation of Research Questions /Issues
 - Research objectives
 - Data source (Primary/Secondary)
 - Coverage (Universe/ Sample & period of study)
 - Tools of analysis (Analytical Framework)
 - Relevance of the study
 - Limitations of the study
 - Chapter outlines
4. Chapter -3: Secondary data based
5. Chapter -4: Data analysis and Interpretation
6. Chapter -5: Conclusion Chapter
7. Bibliography
8. Appendices

Length of the Project

1. Report length 40 to 60 pages excluding App2.
2. Alignment : Justify
3. Font: Times New roman
4. Font size: 12
5. Line spacing: 1.5

M.A. Part II: Semester - IV
(Core Course)
ECO2402 : Growth and Development - II

Module 1 : Domestic Measures for Economic Development - I

Capital formation and Economic Development
Role of Agriculture and Industry in economic Development
Human Capital formation and economic Development
Institutional Structure and economic Development, Deficit Finance and Eco Development
Poverty and income inequality in developing countries, Problem of Unemployment.

Module 2 : Domestic and International Measures for Economic Development - II

Entrepreneurship and Economic Development, Role of State and Economic Development
Foreign Trade and Foreign Capital and Economic Development, Commercial policy and
Economic Development
Foreign Direct Investment and Economic Development, Role of Multinationals and
Economic Development
Sustainable Development Goals (SDGs)

Module 3 : Problems of Development Planning

Economic Planning: Meaning, Types, requisites and Problems, Choice of techniques,
Transfer of Technology,
Investment Criteria in economic Development
Shadow Prices-Meaning, Need and Principals
Application of Input-Output analysis and Linear Programming in Planning

Module 4 : Development and Planning in India

The strategy of Development Plan
Financing of Five Years Plan, Assessment of Indian Planning,
Agricultural, Industrial and Infrastructural development during Planning Period.
NITI Aayog – Aims, Objectives, Functions and Structure.
Status of income inequality and poverty during the planning period.

Books Recommended:

1. Todaro, Michael P. and Stephen C. Smith, Economic Development, 8e. Delhi : Pearson Education, 2003.

2. Misra, S. K. and Puri, Growth and Development, Mumbai : Himalaya Publishers, 2005.
3. Thirlwall, A.P. Growth and Development 8e. New York : Palgrave McMillan, 2005.
4. Meier, Gerald M. and James E. Rauch, Leading issues in Economic Development, 8e. New Delhi : Oxford University Press.
5. Ambhore Shankar Bhagwan (2020); Indian Economy Policy, Planning and Implementation, International Publications, Kanpur.
6. Jhingan M.L.(2015) The Economics Of Development and Planning. Vrinda Publication (P) Ltd, New Delhi
7. Ambhore Shankar Bhagwan (2020) Recent Trends in Economic Development and Planning, International Publications, Kanpur.

Optional : VII

M.A. Part II: Semester-IV

(Elective Course - Group E)

ECO2403.1: Financial Institution & Markets – II

Module 1 : Money Market

Meaning, Function and instrument of the money market, Meaning, function and instruments of capital market, Distinction & relationship between money and capital market. Defects and Suggestions to Improve Indian Money Market; Recent Developments in Indian Money Market.

Module 2 : Primary Capital Market

Functions, Structure, Importance, Factors affecting development of Indian capital market. Primary Capital Market in India: Methods of issue of new shares- Public Issue, Right issue & Private placement. Free pricing regime, book-building, green-shoe option, on-line IPOs. Reforms in Primary Capital Market. Recent trends in Primary market. SEBI and its role in the market.

Module 3 : Secondary Capital Market

Meaning, functions of secondary market. Regulations in secondary capital markets. Trading system- Clearing and settlement mechanisms; Stock exchanges in India & their Functions ; Dematerialization of shares; Debt market in India: Characteristics, components, problems Derivative market: Meaning, types & uses.

Module 4 : International Financial Markets

Foreign Exchange Market:, Nature and role of foreign exchange market, players in the market rates. Recent trends in exchange rates and its impact on India Rise and fall of Bretton wood Institutions. International financial flows: types, importance and problems. Euro-dollar and Euro-Currency markets: their developmental role and regulation at the International level. Global Financial Crisis 2008- Its causes and impact on developing and developed economies.

Books Recommended:

1. Bhole L M, 5th edition, Financial Institutions & Markets, Tata McGraw, New Delhi.
2. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi.
3. Pathak Bharti, 2009, Indian Financial System, Pearson Education Publication, New Delhi
4. Shrivastava P.K., Banking Theory and Practice, Himalaya Publishing House, New Delhi,2009.
5. RBI Bulletin and various RBI Reports.

M.A. Part II: Semester-IV

(Elective Course - Group E)

ECO2403.2 : Labour Economics – II

Module 1 : Social Security and Reforms

State and Social Security- Concepts and evolution, Social assistance and insurance, Review and Appraisal of State Policies, Special Problems- Child labour, discrimination, bonded labour Labour market Reforms- Exit Policy, safety requirements, National Commission on Labour, Globalisation and labour markets, mobility of labour

Module 2 : Migration of labours

Migration and Absenteeism, Approaches to Labour Migration trends & effects of Migration, Absenteeism to Industrial Labour in India, causes, effects and remedies, Labour turnover - Trends in Labour Turnover in India, Industrial Relations, Labour Unions in India- Growth, Pattern, Structure and Achievements of Labour Union in India.

Module 3 : Industrial disputes

Causes of Industrial Disputes and their settlement and preventive mechanism, Current trends in Collective Bargaining Labour Welfare in India. – Theories of Labour Welfare The policy, Theory. The Religious Theory, Philanthropic theory, The trusteeships theory. The placating theory, The Public Relation theory and The function theory, Rigidity and Flexibility in the labour market.

Module 4 : Demand for Labour and Supply of Labour

Demand for labour in relations to size and pattern of investment, Supply of Labour in relation to growth of Labour Force. Labour Market policies, Mobility of labour, employment service organization in India. Employment and unemployment in developing countries, Employment policy in Five Year Plans and its evaluation. Rural and Agricultural labour in India Unit IV Concepts of minimum wage, living wage and fair wage.

Books Recommended:

11. Bhagoliwal T.N. (2002), Economics of Labour and Industrial Relations: Sahitya Bhavan, Agra
12. Bhatia, S.K. (2005), Constructive Industrial Relations and Labour Laws, B.R. World of Books, New Delhi.
13. Das N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
14. Datt, G. (1996), Bargaining Power Wages and Employment: An Analysis of Agricultural Labour Markets in India, Sage Publications, New Delhi.
15. Datt, Rudra (2005), Economic Reforms and Employment, BRW, New Delhi.
16. Deshpande and J C Jandesara (Ed.), Wage Policy and Wage Determination in India, Bombay University, 1970
17. Deshpande L.K., Brahmananda P.R. and E.A.G Robinson (eds), Employment Policy in a Developing Economy, vol.I& II, Macmillan, London, (1983).
18. Ghose, Ajit.K. (2003), Jobs and Incomes in Globalizing World, ILO, Geneva.
19. Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Common Wealth Publishers, New Delhi.
20. Kumar Anil, (2005), Labour Welfare and Social Security, BBW, New Delhi.

M.A. Part II: Semester-IV
(Elective Course - Group E)
ECO2403.3: Econometrics - II

Module 1: Simultaneous Equation Models

Simultaneous Equation Model – Meaning, Nature, Consequences, Simultaneous equation bias and inconsistency of OLS estimates;

The Identification Problem- Rules of Identification – Order and Rank Conditions;

Methods of Simultaneous Equation- Reduced form, Instrumental Variable and 2SLS

Module 2: Time Series Analysis

Concepts - Stationary, Non-Stationary, Unit roots, Co-integration, Spurious regression, Random Walk Model. Dickey-Fuller and Phillips-Perron approaches to Unit Root test

Forecasting with AR, MA and ARIMA Modeling, Box-Jenkins methodology- Identification, Estimation and Diagnostic Test.

Co-integration and Error Correction models

Module 3: Panel Data Techniques

Panel Data Techniques- Meaning- Nature, and Importance

Estimation of Panel Data Regression-Random Effects Model and Fixed Effects Model; Applications of Panel Data in Economic Analysis

Module 4: Multivariate Analysis

Multivariate Analysis- Introduction and Applications in economics, Principal Component Analysis, Discriminant Analysis and Factor Analysis

Books Recommended:

1. Gujarati D.N., Basic Econometrics, McGraw Hill, New Delhi.
2. Dongherty C (1992), Introduction to Econometrics, oxford University Press, New York.
3. Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed), The Macmillan Press Ltd., London.
4. William H. Greene. (2008) Econometric Analysis. Pearson Education Publication New Delhi
5. Wooldridge, J., (2009) Introductory Econometrics: A Modern Approach, Cengage Learning Publication.

6. Johnson Richard and Wichern Dean (2014), 'Applied Multivariate Statistical Analysis,' PHI Learning Pvt. Ltd. Delhi
7. Dhanasekaran K., (2014) Econometrics (Ed. 2), Vrinda Publication, New Delhi,

**M.A. Part II: Semester-IV
(Elective Course - Group E)**

ECO2403.4 : Behavioural and Experimental Economics

Module 1 : Foundations and principles of behavioural economics

Introduction to Behavioral Economics, behavioural approach in addressing economics problem : development of up-to-date analytical tools, drawn from recent research, and their application to a variety of economic situations., introduction on the rational expectations framework,

Module 2 : Behavioural models

Applications of behavioural models to finance, labour market, saving choices and monetary policy

Models of learning and applications of sunspot theories.

Preferences over risky and uncertain outcomes : Risk Aversion: St. Petersburg Paradox, Certainty Effect: Allais Paradox, Risk seeking towards losses, Prospect Theory, Risk versus Uncertainty, Disappointment Aversion

Module 3 : Experimental theories

Making Choices Under Risk: Prospect Theory, Social Preferences : distributional social preferences (The possibility of self-deception, inequality aversion) and intentions-based social preferences

Intertemporal choice : Samuelson's exponential-discounting model, Self-control problems and hyperbolic discounting,

Harmful substances and government policy, Anxiety, optimism and other anticipatory emotions, Market implications.

Module 4 : Behavioural Game Theory Models of limited social inference

State-Dependent Preferences and Mis-Prediction

State-dependent preferences and projection bias

Theory of Economic Fluctuations Phillips curve and the macroeconomic framework in a low

inflation environment. Theory of economic fluctuations

Nudges, Policy, and Happiness How and when should governments intervene if people are “behavioural”? The theory of nudges, and happiness as an outcome

Books Recommended:

1. What is Behavioral Economics? (Camerer and Loewenstein, 2004; Rabin, 1998; Rubinstein, 2005)
2. Behavioral Economics and the Standard Economic Models (The Neoclassical Repairshop)
3. Evaluating Economic Theories (Ho, Lim and Camerer, 2006)
4. Behavioral Economics – History and Evolution: the Neoclassical Approach. The Resurgence of Psychology.
5. The notion of Bounded Rationality (Simon, 1955, 1956, 1957, 1992) – The emergence of bounded rationality – Simon’s Bounded Rationality
6. Does Bounded Rationality need to be understood? – Ecological Bounded Rationality (Selten, 1998; Gigerenzer, Todd and the ABC Research Group, 1999; Gigerenzer and Selten, 2001;
7. Todd and Gigerenzer, 2003) – Fast and Frugal Heuristics, predictions about future utility.
8. Akerlof George and Janet L. Yellen “The Fair Wage-Effort Hypothesis and Unemployment”, Quarterly Journal of Economics, 1990.
9. Akerlof, George and Andrew K. Rose and Janet L. Yellen, “Job Switching and Job Satisfaction in the U.S. Labor Market”, Brooking Papers on Economic Activity, 1988.
10. Akerlof, George, “Labor Contracts as Partial Gift Exchange”, Quarterly Journal of Economics, 97 (November 1982).

M.A. Part II: Semester-IV
(Elective Course - Group E)
ECO2403.5: Energy Economics

Module 1 : Introduction to Energy Economics

Natural Resources - classification - importance - Role of Natural Resources in Economic Development - Energy Resources - Types and classification - Properties of Energy - Forms of Energy - Emergence of Energy Economics - Its nature and scope - Energy indicators - Energy Economics relation with other branches.

Module 2 : Energy and Development

Role of Energy in Economic Development - Energy Intensity and Energy Elasticity - National and International comparison - Low, Middle and High Income Economies - Role of International Institutions - OPEC, OAPEC, IEA, and World Bank.

Module 3 : Energy Conservation and Environment

Energy Planning and Energy Conservation: Meaning, objectives and importance - Energy Management - Meaning, Objectives and Importance - Recent Developments - Energy Auditing - Energy Accounting - Energy Pricing and Taxes - Role of Economists in Promoting Sustainable Energy Management. Energy Crisis - causes, consequences - Remedial measures - Environmental Crisis - causes, consequences, remedial measures - Impact of Energy Consumption and Production on Environment with illustrations - Role of Energy and Environmental Economists in solving Energy and Environmental Crisis.

Module 4 : India's Energy profile

Indian Energy Sector - Organizational Structure - Energy Supply (Coal, Lignite, Oil, Gas and Powers - Hydro, Nuclear, Thermal) - Energy Demand (Agriculture, Industry, Transport, Domestic, etc) - Renewable Energy Sources and Technology (Solar, Wind, Biogas, Biomass,

Geothermal, OTEC, Tidal, Wave Hydrogen, Fuel Cell, Bio-diesel) - Renewable Energy Programs -Energy under Five Year Plans - Energy Issues and Policy Options for India.

Books Recommended:

1. Agarwal, M.C. and Monga , J.R. - Economic and Commercial Geography, (National Publishing House, New Delhi, 1992).
2. Common, M. - Environmental and Resource Economics (Longman, London,1996)
3. Hemalatha Rao - Rural Energy Crises: A Diagnostic Analysis (Ashish Publishing

- House, New Delhi, 1990).
4. Kneese. A.V and Sweeny, J.L, Handbook of Natural Resource and Energy Economics (North Holland, 1993).
 5. Munasinghe, M and Meier, P - Energy Policy and Modeling (Cambridge University Press, UK, 1993).
 6. Paul Stevens (Ed) - The Economics of Energy, Vol. I and II (Edward Elgar 2000).
 7. Raikhy, P. S. and Parminder Singh., Energy Consumption in India - pattern and Determinants (Deep and Deep, New Delhi, 1990).
 8. Sankar U, Public Sector Pricing: Theory and Applications (IEA Trust for Research and Development, 1992).
 9. TERI - Teri Energy Data Directory and Year Book 2005-06 (The Energy Research Institute, 2005).
 10. William Burch (Ed.) - Readings in Ecology, Energy and Human Society: Contemporary Perspectives (Harper and Row, New York, 1997).

M.A. Part II: Semester-IV
(Elective Course - Group E)

ECO2403.6: History of Modern Economic Analysis

Module 1 : Marginalist and Neo-classical Thought

Marginalist revolutions--W. Jevons Walras, De-homogenizing marginalism, Marshallian synthesis, Welfare economics of A.C. Pigou. Schumpeter; role of Entrepreneur and innovations.

Module 2 : Classical Political Economy

Adam Smith and his economic theory, Ricardo's contribution to classical economic thought, Ricardo-Malthus glut controversy, Classical Stationary State with special reference to Mill's views, A general Overview of Classical Economic Thought, Karl Marx - Organic Composition of Capital. Break Down of Capitalism, Marxian Theories of Value, Surplus Value, Profit and Crisis of Capitalism. Essential Differences between Classical Economics and Marxian Economics.

Module 3: Keynesian's Thought

The aggregate economy, Liquidity Preference Theory and Liquidity trap, Marginal Efficiency of Capital and Marginal Efficiency of Investment, wage rigidities, underemployment

equilibrium, role of fiscal policy, deficit spending and public works, multiplier principle, cyclical behaviour of the economy, uncertainty and role of expectations.

Module 4: Indian Economic Thought

Main themes of Kautilya's Arthashastra; Economic Ideas; Dada Bhai Naoroji, Ranade, Gokhale; M.K. Gandhi, Bhimrao Ambedkar, Deendayal Upadhyay and J K Mehta. A synthesis of economic thought, Comparison of Indian economic thought with western economic thought.

Books Recommended:

1. Black house, R. (1985), A History of Modern Economic Analysis, Basil Blackwell, Oxford.
2. Ganguli, B.N. (1977), Indian Economic Thought: A 19th Century Perspective, Tata McGraw Hill, New Delhi.
3. Grey, A. and A.E. Thomson (1980), The Development of Economic Doctrine, (2nd Edition), Longman Group, London.
4. Kautilya (1992), The Arthashastra, Edited, Rearranged, Translated and Introduced by L.N. Rangaranjan, Penguin Books, New Delhi.
5. Schumpeter, J.A. (1954), History of Economic Analysis, Oxford University, New York.
6. Seshadri, G.B. (1997), Economic Doctrines, B.R. Publishing Corporation, Delhi.
7. Blaug, M. (1997), Economic Theory in Retrospect: A History of Economic Thought from
8. Adam Smith to J.M. Keynes, (5th Edition), Cambridge University Press, Cambridge.
9. Dasgupta, A.K. (1985), Epochs of Economic Theory, Oxford University Press, New Delhi.
10. Hunt E.K. and Mark, Lautzenheier (2011): History of Economic Thought, PHI Learning.

Optional – VIII

M.A. Part II: Semester-IV

(Elective Course - Group E)

ECO2404.1: Economics of Marketing

Module 1 : Introduction to Marketing

Meaning of Market and Marketing-Goals or objective of Marketing-Marketing functions.

Marketing Management: Meaning, philosophies: production, product, selling and marketing concept.

Marketing planning – Marketing Environment-Market Segmentation Consumer Behaviour : Types of buying situations, participants factors, buying process.

Module 2 : Marketing Mix

Concepts, components: Product mix, price mix, promotion mix and place mix.

Product: Meaning, product planning, product positioning

New product development - product life cycle.

Pricing: pricing objectives- Factors- Methods and procedures.

Module 3 : Advertising and Sales Promotion

Meaning of promotion mix-Components of promotion mix.

Advertising: Message, advertisement budgeting-Sales promotion, personal selling and publicity.

Purpose and scope of Advertising - Major decisions on advertising.

Choice of Media - Advertising Budget, Sales Promotion measures – AIDAS formula

Module 4 : Distribution

Sales Force - Task of Salesman - Size of Sales Force - Recruiting - Training -Motivation

Evaluation of sales force.

Channels of Distribution-Need, functions, types, evaluating the channel alternatives

Physical Distribution: Objectives, order processing, transport, storages and warehousing, inventory control.

Marketing control: Meaning, types, steps essentials of effective marketing control Marketing&

Society: Consumer protection: Needs, Methods of consumer protection, consumer protection in India.

Books Recommended :

1. Cravens., Marketing Management (Irvin Publishers, 1988)

2. Joseph P. Guiltiman., Marketing Management (New York: McGraw Hill Co 1997)
3. Malhotra., Marketing Management (Amol Publication 1997)
4. Neelamegam., Marketing Management and the Indian Economy (New Delhi: Vikas Publishers 1970).
5. Philip Kotler., „Marketing Management (New Delhi: Prentice Hall 1988)
6. Philip Kotler: : Principles of Marketing-Prentice of India Private Limited. New Delhi
7. Pillai and Bhagavathi., Marketing Management (New Delhi: Chand & Co 1999)
8. Davar R.S.: Modern Marketing Management – Progressive Corporation, Bombay.
9. Rajan Nair., Marketing Management (New Delhi: Chand & Co 1993) Rustom, S. Davar., Modern Marketing Management (New Delhi: Progressive Corporation 1982)
10. Jha S.M.& : Marketing Management in Indian
11. Singh S.P. Perspective - Himalaya Publishing House. Delhi.
12. Stanton., Fundamental of Marketing (New York: McGraw Hill 1987)

M.A. Part II: Semester-IV
(Elective Course - Group E)

ECO2404.2: Research Methodology – II

Module 1 : Data Processing and Statistical Analysis

Data Processing : Meaning, Significance and problems in data processing

Stages in data processing: Editing, Coding, Classification, Tabulation, Graphical Presentation

Statistical Analysis -Tools & Techniques-Measures of Central Tendency, Dispersion Analysis, Correlation Analysis, Regression Analysis

Module 2 : Hypothesis Testing & Interpretation of Data

Testing of Hypothesis: Steps in Hypothesis Testing, Procedure for Testing Hypothesis, Types of Hypothesis Testing –Parametric –t, f, z, tests Non-Parametric-Chi square, ANOVA

Interpretation of Data-Meaning, Significance and Precautions in data interpretation

Module 3 : Research Report

Research Report: Meaning and Importance of research report writing, Essentials of a good Research Report, Structure/ layout of Research Report, Types of Research Report, Steps in research report writing, Footnotes and Bibliography,

References and Citation methods- APA (American Psychological Association, MLA

(Modern Language Association) and CMS (Chicago Manual Style)

Module 4 : Ethics and Modern practices in Research

Ethics -Ethical Norms in Research ,Ethical Issues in Research –Plagiarism

Role of Computer in Research- Data sheet preparation –coding, Application of Statistical software – Excel and Mega stat. Introduction to SPSS, creating data Sheet using SPSS, Caseanalysis using SPSS

Books Recommended :

7. Goode and Hatt -Methods in Social Surveys and Research
2. Wilkinson and Bhandarkar -Methodology and Techniques of Social research
3. Sadhu and Singh -Research Methodology in Social Sciences
4. Kurein C. T. A guide to research in Economics.
5. Research Methodology Text and Cases with SPSS Applications, by Dr S.L. Gupta and Hitesh Gupta, International Book House Pvt Ltd
6. Methodology of Research in Social Sciences, by O.R. Krishnaswami, Himalaya Publishing House
7. Research Methodology, Methods and Techniques by C.R Kothari
8. Research Methodology by Dr Vijay Upagude and Dr Arvind Shende
9. Quantitative Techniques by Dr S. K Khandelwal, International Book House Pvt Ltd
10. Foundations of Social Research and Econometrics Techniques by S.C. Srivastava, Himalaya publishing House
11. Statistical Analysis with Business and Economics Applications, Hold Rinehart &Wrintston, 2nd Edition, New York.
12. Research Methods in Economics and Business by R. Gerber and P.J. Verdoom, TheMacmillan Company, New York

M.A. Part II: Semester-IV
(Elective Course - Group E)

ECO2404.3 : Computer Application in Economics

Module 1 : Introduction to Computers

Introduction: Meaning, Characteristics, types of Computers, The Evolution of Computers, and The Computer Generations.

Components of a computer : Basic components of computer – Input-output devices : CPU, keyboard, mouse & Scanner, video display, printers and plotters, data storage and retrieval, hard disk, Floppy disk and CD ROM;

Classification of Computers: Notebook Computers, Personal Computers (PCs), Workstations, Mainframe Systems, Supercomputers and Clients and Servers

Module 2 : Introduction to Operating System

Operating System: Microsoft Disk Operating Systems (MS DOS), Operating System - Objectives, Features and Characteristics of Operating System, Computer Network, Working of My Documents, My computer, Internet Explorer, Network Neighbourhood.

Features, working and facilities in MS-Word, MS-Excel, MS-PowerPoint.

Module 3 : Statistical Analysis of Data

Data: Meaning, types and sources of data. Data Base Management Systems (DBMS), Relational Database Management System (RDBMS)

Use of software packages in analyzing data, obtaining results and presenting them in meaningful and interpretable forms, Statistical Packages for Social Sciences.

Module 4 : Application in Finance & Economics and Internet

On line Banking: ATM's, Electronic stock exchange,

Electronic trading, Data sharing and decimation, Electronic trading –B2B, B2C and C2C.

Introduction to Internet. Application of Internet (WWW, E-mail), Use of Internet in Research.

Books Recommended :

1. Atul Kahate, Information Technology and Numerical Methods, Tata McGraw Hill, NewDelhi, 2003.
2. Dass and Singh (2006): Introduction to Computers, Shree Publishers and Distributors, New Delhi.
3. Garden B.Davis, Computer data processing, Tata Mc.Grawa Hill Publishing Co.,

Ltd.,New Delhi.

4. James Senn, Analysis and Design of information systems, Tata McGraw Hill PublishingCo., New
5. Kalicharan, Noel: Introduction to Computers, Cambridge University Press.
6. Kathuinemurray, BPB Publications, Mastering PowerPoint 4 for Windows.
7. Norton Peter: Introduction to Computers, Tata McGraw Hill, New York.
8. Rajaraman, V. (1996), Fundamentals of Computers, prentice Hall of Indian, New Delhi.
9. Sanders, D.H. (1988): computers Today, McGraw Hill, New York.
10. Saxena, Sanjay: A First Course in Computers, Prentice hall of India, New Delhi
11. Sinha P.K. (1992), Computer Fundamentals, BPB Publications, New Delhi.

M.A. Part II: Semester-IV
(Elective Course - Group E)

ECO2404.4 : Economics of Governance and Public Policy

Module 1 : Introduction to governance

Introduction : Definitions, Issues and Controversies, Reinventing Government, Reforming Institutions: The State, Market and Public domain

State and Governance : Origin and types of State, Democratic State and Democratic Administration, Neo-Liberalism and Rolling Back State, Governance as Government

Module 2 : Governance and Society

Citizen and Governance : Rule of Law and Human Rights, Accountability, Participation, Representation

Techniques of Governance : Openness and Transparency, Citizen Charter, Social Audit

Emerging Trends : Public and Private Governance: An Overview, Market, Civil Society, Information and Communication Technology Select

Module 3 : Introduction to Public Policy

Introduction: Nature, Scope and Importance of Public Policy, Evolution of Public Policy and Policy Sciences, Public Policy and Public Administration

Approaches to Public Policy Analysis : The Process Approach, The Logical Positivist Approach, The Phenomenological Approach, The Participatory Approach and Normative Approach

Module 4 : Theories and Process of Public Policy Making

Theories and Models of Policy Making, Perspectives of Policy Making Process, Institutions of Policy Making

Policy Implementation and Evaluation : Concept of Policy Implementation, Techniques of Policy Implementation, Concept of Policy Evaluation, Constraints of Public Policy Evaluation

Globalization and Public Policy : Global Policy Process, Transnational Actors: Impact on Public Policy Making, Impact of Globalization on Policy Making Select

Books Recommended :

1. Anderson J.E., (2006) Public Policy-Making: An Introduction.
2. Boston, Houghton Bardach, Eugene (1977), The Implementation Game: What Happens After a Bill Becomes a Law, Cambridge, MA: MIT Bergerson,
3. Peter J. (ed.), (1991), Teaching Public Policy: Theory, Research and Practice, Westport.
4. Greenwood Press Birkland Thomas A., (2005), An Introduction to The Policy Process: Theories, Concepts, And Models of Public Policy Making.
5. Armonk; M.E. Sharpe Brewer, Gary D., and Peter de Leon (1983), The Foundations of Policy Analysis, Homewood, The Dorsey Press.
6. Bell, S., and Hindmoor, A. (2009) Rethinking Governance: The Centrality of the State in Modern Society, Cambridge: Cambridge University Bell,
7. Stephen and Andrew Hindmoor. (2009) Rethinking Governance: The Centrality of the State in Modern Society. Cambridge: CUP.
8. Bevir, Mark (2009), Key Concepts in Governance, Sage, London.
9. Bevir, Mark, ed. (2010) The Sage Handbook of Governance. Thousand Oaks, CA: Sage Publications.
10. Ambhore Shankar Bhagwan (2020); Indian Economy Policy, Planning and Implementation, International Publications, Kanpur.
11. Bovaird, Tony and Elke Löffler, eds. (2009) Public Management and Governance Second Edition. London: Routledge.
12. Farazmand, Ali and Jack Pinkowski, eds. (2006) Handbook of Globalization, Governance, and Public Administration.
13. Andrews, Matt. (2010) "Good Government Means Different Things in Different Countries."

14. Peters, B. Guy, and Jon Pierre (1998) "Governance without Government?: Rethinking Public Administration." *Journal of Public Administration Research and Theory* 8 (2): 223-43.

**M.A. Part II: Semester-IV
(Elective Course - Group E)**

ECO2404.5 : Industrial Relations and Social Security

Module 1 : Concept & Approaches

Meaning of Industrial Relations, Actors in, Industrial Relations and their objectives & Changing roles of actors of Industrial Relations. Aspects of Industrial Relations : Cooperation and conflict

Approaches to Industrial Relations :- System approach (Dunlop's), Social Action Approach, Input – output Approach, Conditions for good Industrial Relations, Economic Reforms.

Module 2 : Management of Industrial Conflict

Industrial Conflict : Meaning, nature, causes, extent and methods of settling industrial disputes, Industrial Disputes Act, 1947.

Conciliation/Mediation : Meaning and definition, Merits and demerits of conciliation/mediation as a method of settling industrial disputes, Weaknesses of conciliation in India

Adjudication : Meaning, definition and significance, Merits, demerits and methods of settling industrial disputes, Adjudicating authorities in India, Weakness of adjudication in India

Voluntary Arbitration: Meaning, definition and significance, Voluntary Arbitration in India-Strength and weaknesses

Collective Bargaining : Meaning and Definition, Pre-condition for success of Collective Bargaining, Subject matter of Collective Bargaining, Process/Procedure of Collective Bargaining, Merits and demerits of Collective Bargaining as a method of settling disputes, Hindrances to the Growth of Collective Bargaining in India.

Module 3 : Industrial Action

Meaning and definition, Functions, Forms of Industrial Actions strikes & lockouts, nature of strike, types of strikes, causes of strikes, effects of strikes, Legal framework of strikes & lockouts in India.

Management of Industrial Cooperation - Meaning and definition of different terms used in this regard : Labour Management co-operation, worker's Participation in Management,

Industrial Democracy - Levels and forms of Cooperation/Participation, Schemes of Workers Participation in Management in India and their evaluation, Obstacles in the way of worker's participation in Management in India. Economic Reform and New Trends of Workers Participation.

Module 4 : Social Security

Meaning, Scope, Evolution and institutional growth, need of social security, Social Insurance and Social Assistance - Its meaning, significance and differences, Financing of social security, concept of employer's Liability.

Employees Compensation Act, 1923, Maternity Benefits Act, 1961 and Payment of Gratuity Act, 1972

Employees Provident Fund & Miscellaneous Provisions Act, 1952, Employees P.F. Scheme, Employees Pension Scheme and Deposit Linked Insurance Scheme - Its financing administration.

Employees State Insurance Act, 1948 - Scope, Benefits, Sickness, Maternity, Disablement, Dependent, Medical, Funerals, Others. Its Financing, Administration. Unorganised Workers Social Security Act, 2008.

Books Recommended :

1. Srivastava, CBIR and Labour Laws, New Delhi, Vikash
2. Saiyed, I.A. Labour Laws – Mumbai, Himalaya
3. Goswami, V.G.Labour and Industrial Laws, Allahabad Central Law Agency
4. Mishra, S N; Labour and Industrial Laws
5. Das, R.K.Principles & Problems of Labour Legislation
6. Mamoria, C B; Dynamics of Industrial Relations Mumbai, Himalaya
7. Singh, Nirmal, Bhatia, SKIR & Collective Bargaining, New Delhi, Deep and Deep
8. Tripathi, PCPM&IR, New Delhi, Sultan Chand
9. Nowlakha, RL Industrial Relations and Social Security, Jaipur, Ramesh Book Depot

M.A. Part II: Semester-IV
(Elective Course - Group E)

ECO2404.6: Skill Development and Event Management

Module 1 : Soft Skills Development

Introduction – Definition and Significance of Soft Skills; Process, Importance and Measurement of Soft Skill Development,

Self-Discovery: Discovering the Self; Setting Goals; Beliefs, Values, Attitude, Virtue.

Positivity and Motivation: Developing Positive Thinking and Attitude; Driving out Negativity; Meaning and Theories of Motivation; Enhancing Motivation Levels.

Interpersonal Communication: Interpersonal relations; communication models, process and barriers; team communication; developing interpersonal relationships through effective communication; listening skills; essential formal writing skills; corporate communication styles – assertion, persuasion, negotiation.

Module 2 : Personality Development

Public Speaking: Skills, Methods, Strategies and Essential tips for effective public speaking.

Group Discussion: Importance, Planning, Elements, Skills assessed; Effectively disagreeing, Initiating, Summarizing and Attaining the Objective.

Non-Verbal Communication: Importance and Elements; Body Language.

Teamwork and Leadership Skills: Concept of Teams; Building effective teams; Concept of Leadership and honing Leadership skills: Interview Skills: Interviewer and Interviewee – in-depth perspectives. Before, During and After the Interview. Tips for Success.

Personality Development – Meaning, Nature, Features, Stages, Models; Learning Skills; Adaptability Skills.

Decision-Making and Problem-Solving Skills: Meaning, Types and Models, Group and Ethical Decision-Making, Problems and Dilemmas in application of these skills.

Conflict Management: Conflict - Definition, Nature, Types and Causes; Methods of Conflict Resolution.

Module 3 : Presentation Skills:

Types, Content, Audience Analysis, Essential Tips – Before, During and After, Overcoming Nervousness, Etiquette and Manners – Social and Business, Time Management – Concept, Essentials, Tips,

Stress Management: Stress - Definition, Nature, Types, Symptoms and Causes; Stress Analysis Models and Impact of Stress; Measurement and Management of Stress

Leadership and Assertiveness Skills: A Good Leader; Leaders and Managers; Leadership Theories; Types of Leaders; Leadership Behaviour; Assertiveness Skills.

Emotional Intelligence: Meaning, History, Features, Components, Intrapersonal and Management Excellence; Strategies to enhance Emotional Intelligence.

Module 4 : Facets of Event Management

Event Infrastructure, Core Concept, Core People, Core Talent, Core Structure, Set Objectives for the Event, Negotiating Contracts with Event Organisers, Locating Interaction Points, Banners , Displays etc., at the Event, Preparing the Staff for the Event, Post-event Follow-up Event Organisers

Targeting Clients, Selecting Event Categories to Serve, Selecting and Contracting with Other Key Elements in Chosen Categories. Venue : In-house Venue, External Venue

Activities in Event Management : Networking Components, Print Media, Radio Television, The Internet, Cable Network, Outdoor Media, Direct Marketing, Sales Promotions, Audience Interaction, Public Relations, Merchandising, In-venue Publicity, Activities in Event Management, Pre-event Activities, During-event Activities, Post-event Activities, Planning, Organizing, Staffing, Leading and Coordination, Controlling, Event Management Information System, Setting Objectives, Development of the Strategic Market Plan, Environmental Assessment, Competitive Assessment, Gaining Competitive Advantages, Business Potential, Assessment, Market Attractiveness, Business Strengths

Books Recommended :

1. Managing Soft Skills for Personality Development – edited by B.N. Ghosh, McGraw Hill India, 2012.
2. English and Soft Skills – S.P. Dhanavel, Orient Blackswan India, 2010.
3. Tallon, A.F. Fashion Marketing and Marchandising, 3rd ed., Sequoia Books, 1986.
4. Panwar, J.S. Marketing in the New Era, Sage Publications India Pvt. Ltd., 1998.
5. Avvich, Barry, Event and Entertainment Marketing ,Delhi, Vision Books 1994
6. Ambhore Shankar Bhagwan (2020); Recent Trends in Economic Development and Planning, International Publications, Kanpur.