



North Maharashtra University, Jalgaon.



FACULTY OF HUMANITIES

Board Of Studies in Economics

Post Graduate Course

Master of Arts in Economics

M.A (ECONOMICS)

New Structure & New Syllabus

(W.E.F. Academic Year: 2017-18)



North Maharashtra University, Jalgaon

FACULTY OF HUMANITIES
Board Of Studies in Economics

Master of Arts in Economics

NEW STRUCTURE OF M.A. (ECONOMICS) PART: I (W.E.F ACADEMIC YEAR:2017-18)

M.A. Economics: Part –I : Semester: I

Sr. No.	Nature		Paper Code No.	Paper Title	College Assessment (Internal Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:111	Advanced Micro Economics: I	40	60	100
2	Core Paper	(Compulsory)	Eco:112	Modern Public Economics : I	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:113:A	Statistics for Economics	40	60	100
4	Optional Paper		Eco:113:B	Schools of Economic Thoughts	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:114:A	Economics of Agriculture & Rural Development	40	60	100
6	Optional Paper		Eco:114:B	Economics of Industry-I	40	60	100
7	Optional Paper		Eco:114:C	Economics of Environment	40	60	100

M.A. Economics : Part –I : Semester -II

Sr. No.	Nature		Paper Code No.	Paper Title	University Assessment (External Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:121	Advanced Micro Economics: II	40	60	100
2	Core Paper	(Compulsory)	Eco:122	Modern Public Economics : II	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:123:A	Research Methodology for Economics	40	60	100
4	Optional Paper		Eco:123:B	Comparative Economic Systems in the World	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:124:A	Economics of Agriculture & Rural Development	40	60	100
6	Optional Paper		Eco:124:B	Economics of Industry-II	40	60	100
7	Optional Paper		Eco:124:C	Economics of Population	40	60	100

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Master of Arts in Economics

NEW STRUCTURE OF M.A. (ECONOMICS) PART: II (W.E.F ACADEMIC YEAR:2018-19)

M.A. Economics: Part –II : Semester: III

Sr. No.	Nature		Paper Code No.	Paper Title	College Assessment (Internal Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:231	Advanced Monetary Economics: I	40	60	100
2	Core Paper	(Compulsory)	Eco:232	Theories Of Economic Development	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:233(A)	Economics of International Trade: II	40	60	100
4	Optional Paper		Eco:233(B)	Economics Of Labor - I	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:234(A)	Computer Techniques for Economics	20 Written + 20 Practical =40	30 Written + 30 Practical = 60	100
6	Optional Paper		Eco:234(B)	Indian Banking System	40	60	100
7	Optional Paper		Eco:234 (C)	Mathematical Economics	40	60	100

M.A. Economics : Part –II : Semester -IV

Sr. No.	Nature		Paper Code No.	Paper Title	University Assessment (External Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:241	Advanced Monetary Economics: I	40	60	100
2	Core Paper	(Compulsory)	Eco:242	Theories of Economic Growth	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:243:A	Economics of International Trade: II	40	60	100
4	Optional Paper		Eco:243:B	Economics Of Labor - II	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:244:A	Economics of Public Utilities & Services	40	60	100
6	Optional Paper		Eco:244:B	Money & Capital Markets in India	40	60	100
7	Optional Paper		Eco:245:C	Econometrics	40	60	100

North Maharashtra University, Jalgaon



Faculty Of Humanities

Board of Studies in Economics

Master of Arts in Economics

Equivalence of M.A. Economics: Part – I : Semester: I

OLD PATTERN(W.E.F ACADEMIC YEAR:2011-12)				NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)			
Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper	Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper
1	Eco-111	<i>Compulsory Paper</i>	Advance Microeconomic Theory- I	1	Eco:111	<i>Core Compulsory Paper</i>	Advanced Micro Economics: I
2	Eco-112	<i>Compulsory Paper</i>	Modern Public Finance –	2	Eco:112	<i>Core Compulsory Paper</i>	Modern Public Economics : I
3	Eco-113	<i>Compulsory Paper</i>	Statistics For Economics	3	Eco:113 (A)	<i>Optional Paper</i>	Statistics For Economics
4	Eco-114 (A)	<i>Optional Paper</i> <i>Choose any one</i>	Economic Systems And Thinkers- I	4	Eco:113 (B)	<i>Optional Paper</i>	Schools Of Economic Thoughts
5	Eco-114 (B)		Agricultural Economics -I	5	Eco:114(A)	<i>Optional Paper</i>	Economics Of Agriculture & Rural Development
6	Eco-114 (C)		Economics Of Labor- I (M.A.I SEM- I)	6	Eco:233(B)*	<i>Optional Paper*</i>	Economics Of Labor-I (M.A.II SEM III)
=	=	=	=====	7	Eco:114(C)	<i>Optional Paper</i>	Economics Of Environment

Equivalence OF M.A. Economics: Part – I : Semester: II

OLD PATTERN (W.E.F ACADEMIC YEAR:2011-12)				NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)			
Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper	Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper
1	Eco-121	<i>Compulsory Paper</i>	Advance Microeconomic Theory -II	1	Eco:121	<i>Core Paper</i>	Advanced Micro Economics: II
2	Eco-122	<i>Compulsory Paper</i>	Modern Public Finance- II	2	Eco:122	<i>Core Paper</i>	Modern Public Economics : II
3	Eco-123	<i>Compulsory Paper</i>	Research Methodology For Economics	3	Eco:123(A)	<i>Optional Paper</i>	Research Methodology for Economics
4	Eco-124 (A)	<i>Optional Paper</i> <i>Choose any one</i>	Economic Systems And Thinkers- Ii	4	Eco:123(B)	<i>Optional Paper</i>	Comparative Economic Systems in the World
5	Eco-124 (B)		Agricultural Economics -Ii	5	Eco:124(A)	<i>Optional Paper</i>	Economics of Agriculture & Rural Development
6	Eco-124 (C)		Economics Of Labor –II (M.A.I SEM- II)	6	Eco:243(B) *	<i>Optional Paper *</i>	Economics of Labor-II (M.A.II SEM- IV)
=	=	=	=====	7	Eco:124(C)	<i>Optional Paper</i>	Economics Of Population

Note: * Semester of the Paper is Changed.



North Maharashtra University, Jalgaon

Faculty Of Humanities

Board of Studies in Economics

Master of Arts in Economics

Equivalence of M.A. Economics: Part – II : Semester: III

OLD PATTERN (W.E.F ACADEMIC YEAR: JUNE 2015)				NEW PATTERN (W.E.F ACADEMIC YEAR: 2017-18)			
Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper	Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper
1	<i>Compulsory Papers: All</i>	Eco-231	Modern Monetary Economics - I	1	<i>Core Compulsory Paper</i>	Eco:231	Advanced Monetary Economics: I
2		Eco-232	Economics of Development	2	<i>Core Compulsory Paper</i>	Eco:232	Theories Of Economic Development
3	<i>Optional Papers</i> <i>Any Two</i>	Eco-233	International Economics - I	3	<i>Optional Paper</i>	Eco:233(A)	Economics of International Trade: II
4		Eco-234	Modern banking & Financial Markets in India - I	4	<i>Optional Paper</i>	Eco:234(B)	Indian Banking System
5		Eco-235	Computer Application In Economic Analysis - I	5	<i>Optional Paper</i>	Eco:234(A)	Computer Techniques For Economics
6		Eco-236	Mathematical Economics	6	<i>Optional Paper</i>	Eco:234(C)	Mathematical Economics
7		Eco-237	Industrial Economics – I (M.A.II SEM-III)	7	<i>Optional Paper</i>	Eco:114(B)*	Industrial Economics – I (M.A.I SEM- I)

Equivalence of M.A. Economics: Part – II: Semester: IV

OLD PATTERN (W.E.F ACADEMIC YEAR: JUNE 2015)				NEW PATTERN (W.E.F ACADEMIC YEAR: 2018-19)			
Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper	Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper
1	<i>Compulsory Papers: All</i>	Eco-241	Modern Monetary Economics - II	1	<i>Core Compulsory Paper</i>	Eco:241	Advanced Monetary Economics: I
2		Eco-242	Model's of Economic Growth	2	<i>Core Compulsory Paper</i>	Eco:242	Theories of Economic Growth
3	<i>Optional Papers</i> <i>Any Two</i>	Eco-243	International Economics - II	3	<i>Optional Paper</i>	Eco:243(A)	Economics of International Trade: II
4		Eco-244	Modern Banking & Financial Markets In India - II	4	<i>Optional Paper</i>	Eco:244(B)	Money & Capital Markets in India
5		Eco-245	Computer Application In Economic Analysis - II	5	<i>Optional Paper</i>	Eco:244(A)	Economics of Public Utilities & Services
6		Eco-246	Econometrics	6	<i>Optional Paper</i>	Eco:244(C)	Econometrics
7		Eco-247	Industrial Economics – II (M.A.II SEM-IV)	7	<i>Optional Paper</i>	Eco:124(B)*	Industrial Economics – II (M.A.I SEM-II)

Note: * Semester of the Paper is Changed.



North Maharashtra University, Jalgaon

FACULTY OF HUMANITIES
Board Of Studies in Economics

Master of Arts in Economics
New Structure & New Syllabus
(W.E.F. Academic Year: 2017-18)

M.A (ECONOMICS)
FIRST YEAR: PART – I

Semester: I



North Maharashtra University, Jalgaon

Faculty Of Humanities

Board of Studies in Economics

Master of Arts in Economics

M.A. Economics: Part – I : Semester: I

NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)

Sr. No.	Paper Code No.	Nature Of Paper		Title Of The Paper
1	Eco:111	Core Paper	<i>Compulsory Paper</i>	Advanced Micro Economics: I
2	Eco:112	Core Paper	<i>Compulsory Paper</i>	Modern Public Economics : I
3	Eco:113 (A)	Optional Paper	<i>Any One</i>	Statistics For Economics
4	Eco:113 (B)	Optional Paper		Schools Of Economic Thought
5	Eco:114(A)	Optional Paper	<i>Any One</i>	Economics Of Agriculture & Rural Development
6	Eco:114(B)	Optional Paper		Economics Of Industry: I
7	Eco:114(C)	Optional Paper		Economics Of Environment



SEMESTER – I

1. Paper Code No: Eco: 111

• Paper Title: Advanced Micro Economics: I

2. Nature: Core Paper (Compulsory Paper)

• Total Lectures Required: 60

1. Ordinal Utility Analysis Of Consumer Demand Lectures Required:15
 - a. Difference between Cardinal & Ordinal Analysis Of Utility
 - b. Hicksian Ordinal Analysis.
 - i. Assumptions, Indifference Curves & Maps and Budget Line
 - ii. Consumer Equilibrium in Indifference Curve Analysis
 - iii. Price, Income and Substitution Effect
 - iv. Methods Of Hicks and Slutsky to Bifurcate Price Effect
 - c. Applicability of Indifference Curve Analysis.
 - d. Derivation of the Demand Curve Through Indifference Curve Approach
 - e. Revealed Preference Hypothesis.
2. Modern Utility Analysis : Risk & Uncertainty Lectures Required:15
 - a. Economics Of Uncertainty: Individual Behavior Towards Risk
 - b. Expected Utility and Uncertainty
 - c. Equivalence Approaches: Neumann – Morgenstern
 - d. Method Of Measuring Utility Under Risky Situations
 - e. The Friedman – Savage Hypothesis
3. The Firm & Its Technology : Supply Analysis Lectures Required:17
 - a. Technology & Inputs
 - b. Long Run & Short Run
 - c. The Production Function
 - a. Short and Long Run Production Function: Diminishing Return & Isoquant Approach
 - b. Minimum Cost Combination of Inputs.
 - d. Technical Progress and Production Function
 - e. The Traditional and Modern Theories of Cost
 - a. Short Run and Long Run Costs Curves.
 - b. Relationship between Costs and Production Functions.
4. The Theory Of Price Lectures Required:18
 - a. Theory Of Perfect Competition
 - a. Short Run And Long Run Equilibrium of The Firm And Industry
 - b. Dynamic Changes and Its Effects on the Equilibrium.
 - b. Theory Of Monopoly
 - a. Short Run And Long Run Equilibrium of the Firm
 - b. Price Discrimination and Dumping.
 - c. Measurement Of Degree Of Monopoly Power
 - c. The Theory Of Monopolistic Competition
 - d. Short And Long Run Equilibrium Of The Firm and Group
 - a. Under The Condition of Free Entry and Price Competition.
 - b. Equilibrium Under Product Differentiation and Selling Cost
 - c. Excess Capacity ,Product Diversity & Social Value Of Advertising



NORTH MAHARASHTRA UNIVERSITY, JALGAON

(NAAC Re-accredited "A" Grade)

Faculty of Humanities

Board Of Studies in Economics

Syllabus of Course of M.A (Economics) Part: I (w.e.f. Academic :2017-18)

Subject: Economics (Post Graduate Course in Master of Arts) Semester Pattern

Maximum Total Marks: 100 = (University Assessment) 60 + (College Assessment) 40

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SEMESTER – I

- Paper Code No: Eco: 112
- Nature: Core Paper (Compulsory Paper)
- Paper Title: Modern Public Economics: I
- Total Lectures Required: 60

1. Market v/s Government Lectures Required:15
 - a. Perfect Competition Market and Market Efficiency
 - b. Perfect competition market and Pareto Optimality Principles
 - i. Efficiency In Consumption with Edgeworth Box Digramme
 - ii. Efficiency In Production with Edgeworth Box Digramme
 - c. Perfect Competition Market & Consumer's & Producer's Surplus
 - d. Market Failures and Need of Government Intervention
 - i. Meaning & Causes of Market Failures
 - ii. Government intervention: Classical, Keynesian & Neo- Liberal Views
 - iii. Types of Government Intervention
 - iv. Tools of Government Intervention
 - v. Cost of government intervention
 - e. The Economic, Social, and Political Consequences Of Interventionism
 - f. Intervention of Government in the Indian Economy Since Independence
2. Public Goods, Monopoly, Externality & Asymmetric Information Lectures Required:16
 - a. Allocating Resources for Provisions of Public Goods
 - a. Definition and Types of Public Goods
 - b. Free Rider Problem
 - c. Satisfaction Of Public Wants
 - i. The Benefit Approach: Erik Lindahl, Samuelson & Musgrave .
 - ii. The Ability To Pay Approach
 - b. Decreasing Costs , Monopoly and Imperfect Competition,
 - a. Emergence(Causes) of Monopoly
 - b. Dead Weight Loss
 - c. Regulation & Control of Monopoly : Practices in India
 - c. Externalities and Market Failure
 - a. Externalities as Market Failure
 - b. Positive Externalities and Negative Externalities
 - c. Pigouvian Taxes
 - d. Coase's Theorem and Insight
 - e. Environmental Protection Policies In India
 - d. Asymmetric Information
 - a. Meaning & Sources Of Information Asymmetry
 - b. Adverse Selection & Moral Hazard
 - f. Overcoming Information Asymmetries & Role of Government
3. Macroeconomic Considerations in Public Finance Lectures Required:12
 - a. Social Goals before Government
 - a. Employment generation & Poverty Alleviation

- b. Provision of Infrastructural Facilities
- c. Removing Distributional Inequalities and
- d. Maintaining Regional Imbalances
- e. Ensuring Economic Stability
- b. Non-Existence Of Futures Markets, Keynesian Case For Stabilization Policy
 - a. Uncertainty and Expectations
 - b. Failure Of Inter-Temporal Markets
 - c. Liquidity
- c. Fiscal Sustainability

4: Government Failures & Rent Seeking

Lectures Required: 16

- a. Government Failures : Meaning
- b. Public Choice Theory
 - a. Problem Of Revealing Preferences and Their Aggregation
 - b. Political Interaction Cost Of Democratic Voting Theory
 - c. Kenneth J. Arrow's *Social Choice And Individual Values*
 - d. (Arrow's Impossibility Theory)
 - e. Mancur Olson: *The Logic of Collective Action.*
 - f. James M. Buchanan and Gordon Tullock Coauthored *The Calculus Of Consent: Logical Foundations Of Constitutional Democracy*
 - g. Voting System :Direct Majority Voting & Voluntary Exchange Models
 - h. Model Logrolling, Electing Representatives
- c. Decision Making Units in Political Process:
 - a. Voters, Politicians & Bureaucracy ,
 - b. Pressure Groups & Lobbies
 - c. Expressive Interest & Democratic Irrationality
- d. Rent Seeking
 - a. "Pork Barrel" Versus General Welfare
 - b. Industry Protection: Bootleggers and Baptists
 - c. Examples Of Rent Seeking Behavior
 - d. Consequences Of Rent Seeking
- e. Efforts To Combat Rent Seeking and Other Government Failures
 - a. Anti Corruption Act & Lokpal Act
 - b. Base Realignment and Closure Commission
 - c. Decentralization
 - d. Privatization ,liberalization & globalization
 - e. Public-Private Partnership



SEMESTER – I

- **Paper Code No: Eco: 113(A)**
- **Nature: Optional Paper (Choice Based)**
- **Paper Title: Statistics for Economics**
- **Total Lectures Required: 60**

1. Basics Of Statistics Lectures Required: 15

- a. Statistics
 - i. Definition, Meaning & Scope
 - ii. Importance & Limitations
- b. Use Of Statistical Tools In Economics
- c. Statistical Organizations in India :Functions & Role in the Economy
- d. Basic Concepts Of Stats (explain by appropriate examples)
 - i. Economic Variable and Attributes
 1. Discrete and Continuous Data
 - ii. Frequency Distribution
 1. Array
 2. Discrete or ungrouped Frequency Distribution
 3. Grouped Frequency Distribution : Discrete & Continuous Groups
 - iii. Basic Principles For Forming Grouped Frequency Distribution
 1. Inclusive & exclusive class
 2. Size & number of classes
 3. Class limits & mid value of class
 - iv. Cumulative Frequency Distribution: Less Than and More Than Type
- e. Graphic Representation Of Data (explain by appropriate examples)
 - i. Histogram
 - ii. Frequency Polygon
 - iii. Frequency Curve
 - iv. "Ogive" or Cumulative Frequency Curve

2. Measures Of Central Tendency & Measures Of Dispersion Lectures Required: 18

- a. Central Tendency or Averages
 - i. Meaning, Importance and Uses
 - ii. Requirement of Good Measures
 - iii. Merits & Demerits Of Central Tendency
- b. Types Of Measures Of Central Tendency:
 - i. Arithmetic Mean
 - ii. Median
 - iii. Mode
 - iv. Harmonic Mean
 - v. Geometric Mean
- c. Selection of an average & limitations
- d. Measure of Dispersion
 - i. Meaning, Significance and Uses
 - ii. Requirement Of a Good Measures Of Dispersion
- e. Types Of Measures of Dispersion
- f. Range & Its Co-Efficient
- g. Mean Deviation From Mean Only & Its Co-Efficient
- h. Quartile Deviation

- i. Standard Deviation, Variance & Its Co-Efficient
 - j. Lorenz Curve & Ginni Coefficient
 - (Note: For Each Type Of Measures of Averages and Dispersion :)
 - 1. Define The Term,
 - 2. State it's Importance.
 - 3. Compute Each Type Of Measures For Grouped and Ungrouped Data, Continuous and Discrete Series and
 - 4. State Their Merits & Demerits
3. Correlation, Regression and Hypothesis Testing Test Lectures Required: 14
- a. Correlation Analysis
 - i. Meaning & Types
 - ii. Precautions
 - b. Methods of Studying Correlation
 - i. Scatter Diagram Method
 - ii. Karl Pearson's Coefficient of Correlation
 - iii. Spearman's Rank Correlation and Interpretation
 - (Note: For Each Type Of Measures)
 - 1. Calculation of Correlation for Grouped and Ungrouped Data
 - 2. Interpretation of the Correlation Co-Efficient,
 - 3. State Their Merits & Demerits
 - c. Properties of Correlation Co-Efficient,
 - d. Regression
 - i. Concept & Linear Regression
 - ii. Fitting of Lines of Regression by the Least Squares Method
4. Index Numbers & Time series Lectures Required: 13
- a. Index Numbers
 - i. Meaning ,Characteristics and Uses
 - ii. Types of Index Numbers
 - iii. Problems in the Constriction and Limitations
 - b. Price Index Numbers
 - i. Simple (unweighted) Aggregate Method
 - ii. Weighted Aggregate Method
 - 1. Laspeyre's Price Index
 - 2. Paasche's Index Numbers,
 - 3. Fisher's Idle Index Number
 - c. Cost Of Living Index Numbers
 - i. Steps In Construction
 - ii. Methods, Computation and Use Of The Cost Of Living Index
 - d. Time series analysis
 - i. Nature and Decomposition of A Time Series-Trend.
 - ii. Cyclical, Seasonal and Random Components.
 - e. Fitting Trend Curves

• RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I & II

1. Gupta S. C.: Fundamentals Of Statistics: Himalaya Publishing House
2. Monga G.S. (1972), Mathematics and Statistics For Economics, Vikas Publishing House, New Delhi.
3. Richard i. Levine & David S. Rubin: Statistics For Management, Pearson Education,1998
4. Murray R Spigel and Larry J. Stephens: Statistics, Magraw Hill International, Ed.
5. Allen R.G.D.: Statistics For Economics; Hutchinson & Co. Ltd. London(1949)
6. Elhance D.N. : Practical Problem in Statistics Kitab Mahal Alahabad (1982)
7. Elhance, D.N.: Fundamentals for Business and Economics
8. Elhance, D.N.Indian Statistics
9. Gaur Ajai S. & Gaur Sanjaya : Statistical Methods For Practice & Research SAGE
10. Goon AM, M.K.Gupta and B.Dasgupta.: Fundamentals of Statistics, Vol.1, The World Press, Ltd, Calcutta.
11. Gupta S.C And Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi

12. Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
 13. Gupta, S.P., Introduction to Statistical Methods, S. Chand & Sons New Delhi.
 14. House; Delhi(1997)
 15. Irwin Mason & Lind,: Statistical Techniques In Business & Economics
 16. King, W.I.: The Elements of Statistical Methods; The Macmillan Co. New York.
 17. Levine, Krehbiel, Bereson: Introductory Statistics For Business and Economics: Business Statistics: A first Course : Pearson Education
 18. Monga G.S. (1972), Mathematics and Statistics For Economics, Vikas Publishing House, New Delhi.
 19. Veerachamy R.: Quantitative Methods for Economists, New Age International.
 20. Web site : Wikipedia
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SEMESTER – I

- Paper Code No: Eco: 113 (B)
- Nature: Optional Paper (Choice Based)
- Paper Title: Schools of Economic Thoughts
- Total Lectures Required: 60

1. Pre Classical ,Classical and Neoclassical Schools of Economic Thought Lectures:20
 - a. The Concept of Schools of Thoughts
 - b. Importance of the Subject
 - c. Mercantilism : Origin-Influence, The Underlying Principles of Mercantilism, Policies & Criticism of Mercantilism
 - d. Physiocrats : Rise of The School, The Doctrines of the School Influence of & Opponents of the School
 - e. Classical School (1776-1871)
 - i. The Framework Of Classical Analysis
 - ii. The Theory Of Value, Income Distribution &Capital Accumulation
 - iii. The Theory Of Comparative Advantage
 - iv. The Malthusian Law Of Population, the Laws Of Production In Agriculture, the Law of Markets
 - v. Say's Law of Market (Savings Causes Investment & Of Full Employment)
 - vi. The Quantity Theory Of Money
 - vii. Supply-Side Thinking: Economic Growth Driven By Savings and Growth of Resources.
 - viii. Economic Policy : Free Trade, Freedom Of Markets & No Government Interference
 - ix. Rejection of Possibility Of Economic Recessions and General Unemployment
 - x. Classical Economics as "The Dismal Science"
 - f. Neoclassical School(1871 –now)
 - i. Alfred Marshall and the Framework of Neo-Classical Economics
 - ii. The Approach to the Analysis of Price
 - iii. The Theory of Distribution & Of Production
 - iv. The Prospects for the Competitive Order
 - v. The Aggregative Strand of Marshall's Thought
 - vi. Marshall on Long-Period Economic Change
 - vii. Marshall and Economic Policy Pre-1914
 - viii. Variations on Neo-Classical Themes- Three Central Assumptions
2. Marxist & Socialist Schools Lectures:12
 - a. Marx and the Classical Tradition
 - b. Marx's Analysis of Value & wages, Surplus Value, Variable Capital and Constant Capital
 - c. Marx's Analysis of Accumulation & Distribution
 - d. The Marxian Theory Of Crisis & capitalist's successor of socialism &communism
 - e. Evaluation of Marxian Theory
 - f. Influence and Effects of Socialism
3. Keynesian & Post Keynesian Schools Lectures:14
 - a. Keynesian School
 - i. The Economics Of Keynes's General Theory
 - ii. The Analytical Problem Of the General Theory
 - iii. Keynes's Attack on Classicism

- iv. The Keynesian Analysis Of Saving, Consumption, Investment & The Rate Of Interest
- v. Determination of Aggregative Equilibrium
- vi. The Keynesian Theory of Employment & Wages
- vii. The Implications of the Analysis for Economic Policy
- viii. Evaluation of the Keynesian Theory of Employment

b. Post Keynesian Schools

i. Monetarism

- 1. Origin & Notable Proponents
- 2. Characteristics Of Monetarism

ii. The New Classical school

- 1. Origins Of The New Classical Macroeconomics
- 2. The Basic Assumptions Of The New Classical
 - a. Rational Expectation Hypothesis & Policy Ineffectiveness
 - b. Perfect Competition in All Markets And
 - c. Full-Flexibility of Prices And Wages
 - d. Real Business Cycle Models

4. Development of Indian Economic Thoughts

Lectures:14

- a. Impact of western economic thoughts on Indian Leaders
- b. Dadbhai Naoroji's Thoughts on National Income of India ,Taxation & Economic Drain
- c. Gopal Krishna Gokhale's Economic Thoughts on Provincial Finance and Welfare of the People
- d. Mahatma Gandhi thoughts on Village Economy ,Swadeshi, Machinery & Industrialization
- e. Mahatma Gandhi's Doctrine Of Trusteeship and Sarvodaya
- f. Broad Outline of Jawaharlal Nehru's Economic Thoughts on Planning, Industrialization, Science &Technology
- g. Broad Outline of Dr.Babasaheb Ambedkar's Economic Thoughts on Agriculture & Agriculturist, Public Finance, Banking ,Development of Socially & Economically Depressed Classes
- h. Amartya Sen's Economic Philosophy ,his Views On Poverty ,Inequality, Social Welfare & Development

• RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I

• Eco:113(B) Paper Title: Schools of Economic Thought

- 1. History Of Economic Thought: K.P.Bhatnagar & Satish Bahadur:, Kishore Publishing House,Kanpur,1965
- 2. A History Of Economic Thought William J. Barber 1967
- 3. Classical Economics A. Basic Primary Works Cannan, E. (Ed.).. London: Oxford University Press, 1896.
- 4. Development Of Indian Economic Thought : S.S.Mdesai,Himalaya Publishing House,1987
- 5. An Essay On The Principle Of Population. Malthus, T. R. 1st Ed. London, 1798; 2d Ed. London, 1826
- 6. Principles Of Political Economy, Considered With A View To Their Practical Application, Boston: Wells And Lilly, 1821.
- 7. Money, Savings, And Investment In English Classical Economics: 1800- 1850. Corry, B. A. New York: St. Martins, 1962.
- 8. The Theory Of Economic Policy In English Classical Political Economy. Robbins, Lionel New York: St. Martins, 1952
- 9. Marxian Economics A. Basic Primary Works Marx, Karl. Capital. Chicago: Charles H. Kerr, 1912
- 10. "Economic And Philosophical Manuscripts Of 1844," In Erich Fromm (Ed.), Marx's Concept Of Man. New York: Ungar, 1962. The Poverty Of Philosophy. New York: International Publishers, 1963.
- 11. Karl Marx And The Close Of His System, Ed. Paul M. Sweezy. New York: Kelley, 1949.
- 12. An Essay On Marxian Economics. 2d Ed. Robinson, Joan. St. Martins, 1967.
- 13. Capitalism, Socialism, And Democracy. Schumpeter, J. S . London: Allen & Unwin, 1961;
- 14. The Theory Of Capitalist Development. Sweezy, Paul M.New York: Monthly Review Press.
- 15. Industry And Trade. Marshall, Alfred. London: Macmillan, 1919.
- 16. Principles Of Economics, Ed. C. W. Guillebaud. 2 Vols. 9th (Variorum) Ed. New York: Macmillan, 1961.

17. **The General Theory Of Employment, Interest And Money. Keynes, J. M . New York: Harcourt, 1936. & Treatise On Money. 2 Vols. London: Macmillan, 1930.**
 18. **Guide To Keynes. Hansen, A. H. New York: Mcgraw-Hill, 1953.**
 19. **The Life Of John Maynard Keynes. Harrod, R. F. New York: St. Martins, 1963.**
 20. **The Age Of Keynes. New York: Achman, Robert. Random House, 1966. Schools Of Economic Thought**
 21. **An Introduction To Keynesian Economics: M.L. Seth: Laxmi Narayan Agrawal, Agra, 1974**
 22. **Modern Guide To Macroeconomics , Brian Snowdon , Howard Vane & Peter Wynarczyk : A Edward Elgar, 1996**
 23. **Contemporary Development Economics From Adam Smith To Amartya Sen: Felix Raj, S.T Mukherjee, Amitava Ghose, Ranjanendra N. Nag ,(2006), New Central Book Agency (P)Ltd : 8/1, Chintomony Das Lane, Kolkata-700009 8.**
 24. **History Of Economic Thoughts: Gide And Rist.**
 25. **History Of Economic Thoughts : Dr. S.S.M. Desai**
 26. **Five Great Economists. : B.N. Ghosh and Rama Ghosh-**
 27. **Indian Economic Thought.: Shiva Chandra Jha-**
 28. **Economics Of Amartya Sen: Ajit Kumar Sinha, Raj Kumar Sen : Deep & Deep Publication Pvt L**
 29. **Web site : Wikipedia**
-



SEMESTER – I

- **Paper Code No: Eco: 114 (A)**
- **Paper Title: Economics of Agriculture & Rural Development: I**
- **Nature: Optional Paper (Choice Based)**
- **Total Lectures Required: 60**

1. Introduction

Lectures:16

- Economics Of Agriculture: Definition ,Meaning ,Subject Matter & Importance
- Imperative Of Agricultural Progress & Rural Development
- The Structure Of Agrarian Systems In The Developing & Developed World
- Transition Of Agricultural:
 - Peasant Subsistence: Risk Aversion, Uncertainty & Survival
 - The Transition To Mixed & Diversified Farming
 - From Divergence To Specialization: Modern Commercial farming
 - Special Categories of Farming
 - Organic Farming ,
 - Green Agriculture,
 - Genetically Modified (Gm) Crops Protected (Greenhouse) Agriculture
 - Industrial Agriculture
- Strategy of Agriculture and Rural Development
 - Technological Change & Innovation
 - Institutional And Pricing Policies: Providing Necessary Economic Incentive
 - Land Reform
 - Integrated Development Programmes & Supportive Social Institution

2. Indian Agricultural Sector

Lectures:18

- An **Overview** Of Indian Agricultural Sector
- Nature Of India's Agriculture
- Agricultural Inputs
 - Land
 - Agricultural Land By Use In India
 - Number And Area Of Operational Holdings By Size Group
 - Reforms In Land Tenure System In India
 - Land Ceiling In India
 - The Methods Farming Operations/ Farming Systems
 - Cooperative Farming And Service Cooperatives
 - Group Farming By Shgs
 - Small Holders' Estates:
 - Contract Farming
 - Farmers' Companies
 - State Farms
 - Agricultural Labor
 - Wages & Income

2. Employment & Working Condition
 3. Problems & government measurements for improvement
 - iii. Water
 1. Rainfall Scenario In India
 2. Irrigation-Need, Sources and Importance.
 3. Progress In Irrigation Since 1991 & Government Policy
 4. Problems Related to Irrigation and Water Management
 5. Water Management in Israel Economy
 - iv. Fertilizers :Consumption ,Production & Import Of Fertilizers
 - v. Seeds : Crop Improvement & Crop Management
 - vi. Pesticides :Use And Effect Of Pesticides & Integrated Pest Management
3. **Agricultural Prices, Marketing & Subsidies in India** **Lectures: 12**
- a. Price Fluctuation
 - i. Trends in Wholesale Price Index Of Food Grains & Commercial Crops
 - ii. Growth Rates Of Wholesales Price Index Of Food Grains & Commercial Crops
 - iii. Causes of Price Fluctuation
 - b. Trade Cycle in Agriculture : Cob-web Theory - (Stable and Unstable)
 - c. Price Stabilization : Direct Control Indirect Control
 - d. Minimum Support Prices:
 - i. Evolution of Price Policy in India
 - ii. Determinants of MSP
 - iii. Crops Covered Under MSP Regime
 - iv. Issues related to MSP
 - e. Agricultural Market Structure & Problems of Agricultural Marketing in India
 - f. Agricultural Produce Marketing Committee (APMC) Act
 - g. Marketable Surplus: Nature, Scope, Causes and Measurement
 - h. Agriculture Subsidies in India
 - i. Nature & Scope
 - ii. Power & irrigation subsidies
 - iii. Fertilizer subsidy & others types of subsidies
 - iv. Advantages and Disadvantages
4. **Agriculture Fiancé , insurance & Capital Formation** **Lectures:13**
- a. Agricultural Finance
 - i. Importance
 - ii. Sources & Problems of Agricultural Finance
 - b. Agricultural Crop Insurance Scheme in India
 - i. Need of Agricultural insurance
 - ii. Crop Insurance Plans, risk &crops covered ,progress & problems :
 - iii. Prime Minister's Crop Insurance Scheme
 - c. Role of Public Investment and Capital Formation in Indian Agriculture.
 - d. Nature and Features of Agricultural Business.
 - e. Role of MNCs and Agriculture
 - f. India's Imports and Exports Of Agricultural Commodities



NORTH MAHARASHTRA UNIVERSITY, JALGAON

(NAAC Re-accredited "A" Grade)

Faculty of Humanities

Board Of Studies in Economics

Syllabus of Course of M.A (Economics) Part: I (w.e.f. Academic :2017-18)

Subject: Economics (Post Graduate Course in Master of Arts) Semester Pattern

Maximum Total Marks: 100 = (University Assessment) 60 + (College Assessment) 40

6

SEMESTER – I

- Paper Code No: Eco: 114 (B)
- Nature: Optional Paper (Choice Based)
- Paper Title: Economics Of Industry : I
- Total Lectures Required: 60

1. Introduction to Industrial Economics Lectures : 12
 - a. Meaning And Scope Of Industrial Economics
 - b. Need And Significance Of The Study Of Industrial Economics
 - c. Economic & Agricultural Development and Industrialization
 - d. Factors Affecting Industrial Development
 - e. History of theory of firm
2. Industrial Decisions Lectures : 18
 - a. Industrial Location Decisions
 - i. Meaning & Determinants of Industrial Location.
 - ii. Theories of Industrial Location.
 1. Weber's & Florence's
 - 2.
 - iii. Recent Programs for Industrial Development of Backward Regions In India.
 - b. Investment Decisions
 - i. The Nature & Types of Investment Decisions
 - ii. Preparation of the Profile of a Project.
 - iii. Pricing Methods of Project Evaluation
 - iv. Risk and Uncertainties in Project Appraisal.
 - c. Research, Development and Innovation.
 - i. R & D Expenditure as an Investment Decision.
 - ii. The Relationship between R & D, Inputs & Outputs
 - iii. Rationalization & Automation: Meaning, Objectives, Benefits, Problems and Policy.
3. Price and Non-Price Competition Lectures : 18
 - a. Pricing in industry
 - i. General Situation for Pricing Decisions.
 - ii. Pricing Under Perfect & Imperfect Competition: in theory
 - iii. Pricing Procedures in Practice.
 - iv. Pricing Methods.
 - v. Pricing in Public Enterprises
 - vi. Price Wars: Theories and Evidence
 - b. Non-Price Competition
 - i. Meaning Of Non-Price Competition& Product Differentiation
 - ii. Horizontal Product Differentiation
 - iii. Brand Proliferation as an Entry Deterrence Strategy

- iv. Vertical Product Differentiation
 - v. Price Discrimination: First- Second-& Third Degree Price Discrimination
 - c. Entry Deterrence and Entry Accommodation
 - i. Introduction
 - ii. Strategic Substitutes and Strategic Complements
 - iii. Taxonomy Of Business Strategies
 - iv. Contestable Markets: features, Key conditions,
 - 4. Technical Change and Market Structure Lectures : 12
 - a. The Economics of Patents
 - b. Adoption and Diffusion of Innovations
 - c. Innovations and Rivalry : Kamien and Schwartz –
 - d. Measures of Concentration –
 - i. Concentration Ratio : Hirschman – Herfindahl Index
 - ii. Entropy Measure



SEMESTER – I

- Paper Code No: Eco: 114(C)
- Nature: Optional Paper (Choice Based)
- Paper Title: Economics of Environment
- Total Lectures Required: 60

1. The Environment & Economic Development Lectures : 14
 - a. Economics & Environment
 - b. Interlink Ages Between The Economy & The Environment
 - c. Pollution & Environmental Degradation As An Economic Problem
 - d. Growth Verses Environment : The Basic Issues
 - i. Agricultural Development & Environment Degradation
 - ii. Industrialization , Urban Development & Environment Degradation
 - iii. Population & Environment
 - e. Environmental Degradation & Its Effect On Human Health, Bio-Diversity Of A Region
 - f. Greenhouse Effect, Global Warming & Climate Change
 - g. Need For Sustainable Development
 - h. Environment Movement
 - i. Evolution Of The Environmental Movement In The World
 - ii. Environment Movement In India
2. Economics Of Pollution Lectures : 14
 - a. The Relation Between Market & Environmental Assets
 - i. Privately Owned Resources
 - ii. Common Property Resources & Misallocation
 - b. Traditional Economic Models Of Environmental Assets & Market Failure
 - i. Incomplete Markets
 - ii. Externalities
 - iii. Non - Exclusion & The Commons & The Free Rider Problem
 - iv. Non-Rivalry & Public Goods
 - v. Non-Convexities
 - vi. Asymmetric Information
 - c. Environment & Government Failure
 - d. Impact Of Pollution Under Perfect Competition
 - e. Optimum Pollution/Zero Pollution
 - i. Costs Of Pollution
 1. Total Pollution Damage Costs & Total Pollution Abatement Costs
 2. Marginal Damage Costs & Marginal Abatement Costs
 3. Optimum Pollution
3. Pollution & Environment Degradation Control Policies & Measures Lectures : 16
 - a. Alternative Policies & Measures For Pollution Control

- b. Economic, Administrative & Political Considerations Of Environmental Policy Instruments
 - c. Command & Control And Standard Fixation
 - i. Setting The Standard
 - ii. Uniform & Variable Standards
 - iii. Merits & Limitations Of Command &Control
 - d. Taxes & Subsidies
 - i. Market Based Solution
 - 1. Pollution Charges And Taxes
 - 2. Distributional Impact Of Pollution Tax
 - 3. Limitation Of Pollution Tax
 - e. Subsidies
 - i. Types Of Subsidies
 - ii. Advantages & Limitations Of Subsidies
 - f. Transferable Discharge Permits
 - i. Definition , Types & Working Of Permits
 - ii. Requirement Of An Effective Permit System
 - iii. Advantages Of Tradable Permit
 - iv. Carbon Emission Trading
 - v. Credit Trading
4. Pollution Control Policy On Global & Local Levels Lectures : 16
- a. Policy Options In Developing Countries
 - i. Proper Resource Pricing
 - ii. Community Involvement
 - iii. Clearer Property Rights &&Resource Ownership
 - iv. Programmes To Improve The Economic Alternatives Of The Poor
 - v. Rising The Economic Status Of Women
 - vi. Industrial Emission Abatement Policies
 - b. Policy Options In Developed Countries to Help LDCs
 - i. Trade Policies
 - ii. Debt Relief
 - iii. Development Assistance
 - iv. Emission Control
 - v. Research &Development
 - vi. Import Restrictions
 - c. India's Pollution Control Policy
 - i. A Brief Profile Of India's Environmental Issues
 - ii. Pollution In Indian Urban And Rural Areas
 - iii. Control Of Industrial Pollution In India
 - 1. Institutional Structure For Control Of Pollution In India
 - 2. Legislations To Prevent And Control Of Various Types Pollution
 - 3. Multilateral Environment Agreements

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I

• **No: Eco: 114 (c)** **Paper Title: Economics Of Environment**

1. **Economic Rights and Environmental Wrongs: Property Rights for the Common Good** By Rose Anne Devlin; R. Quentin Grafton Edward Elgar, 1999
2. **Environmental Economics: A Critical Overview** , Alan Gilpin, Wiley, 2000
3. **Managing Environmental Pollution: Andrew Farmer**, Routledge, 1997
4. **Economic Development: Michael P. Todaro & Stephen C. Smith**, Person Education Asia,2003
5. **The Economic Theory Of Pollution Control: Paul Burrows Martin Robertson & Co.Ltd,,1979**
6. **Environment Economics: In Theory & Practice: Nick Hanley, Jason F Shogren & Ben White** ,Macmiilan,1997
7. **The Process of Business/Environmental Collaborations: Partnering for Sustainability : Alissa J. Stern; Tim Hicks** Quorum Books, 2000
8. **Environmental Economics: An Introduction**, 6th edition, by Barry C. Field and Martha K. Field (McGraw-Hill, New York, 2012).
9. **Environmental Economics**, Kolstad (2000), Oxford University Press.
10. **Natural Resource and Environmental Economics**, Perman, Ma, McGilvray, Commons (2003), Third Edition, Pearson.
11. **Economics of natural resources and the environment: Pearce D W & R K Turner.** Harvester Wheatsheaf 1990.
12. **Environmental and natural resource economics.** Tietenberg T and Lynne Lewis: 9th Edition, Pearson, 2012.
13. **Introduction To Positive Economics: R.G.Lipsey & K.A.Chistal**,11th ed. E.L.B.S. Oxford University Press
14. **Price Theory &Its Application : Jackhirshlefer**, Prentice-Hall Of India Private Limited
15. **Micro Economics: Robert S. Pindyck &Daniel Rubbinfield**, Pearson education
16. **Web site :Wikipedia**

The End



North Maharashtra University, Jalgaon

FACULTY OF HUMANITIES
Board Of Studies in Economics

Master of Arts in Economics
New Structure & Syllabus
(W.E.F. Academic Year: 2017-18)

M.A (ECONOMICS)
FIRST YEAR: PART – I

Semester: II



North Maharashtra University, Jalgaon

Faculty Of Humanities

Board of Studies in Economics

Master of Arts in Economics

M.A. Economics: Part – I : Semester: II

NEW PATTERN (W.E.F ACADEMIC YEAR:2018-19)

Sr. No.	Paper Code No.	Nature Of Paper		Title Of The Paper
1	Eco:121	Core Paper	<i>Compulsory Paper</i>	Advanced Micro Economics: II
2	Eco:122	Core Paper	<i>Compulsory Paper</i>	Modern Public Economics : II
3	Eco:123(A)	Optional Paper	<u><i>Any one</i></u>	Research Methodology for Economics
4	Eco:123(B)	Optional Paper		Comparative Economic Systems in the World
5	Eco:124(A)	Optional Paper	<u><i>Any one</i></u>	Economics of Agriculture & Rural Development
6	Eco:124(B)	Optional Paper		Economics Of Industry: II
7	Eco:124(C)	Optional Paper		Economics Of Population



SEMESTER – II

- Paper Code No: Eco: 121
- Nature: Core Paper (Compulsory Paper)
- Paper Title: Advanced Micro Economics: II
- Total Lectures Required: 60

1. The Theory Of oligopoly & Duopoly Lectures : 15
 - a. Strategic Models of Duopoly
 - i. Cournot & Bertrand
 - ii. Edgeworth and Stackelberg.
 - b. Oligopoly Models
 - i. Collusive Oligopoly
 - ii. Price Leadership and Price War
 - iii. Model of Kinked Demand Curve.
2. The New Theories Of Oligopoly Market Lectures:15
 - a. The Neo - Classical Theory Of The Firm & The Marginalist Controversy
 - i. Hall & Hitch's The Full Cost Pricing Model
 - ii. Bain's Limit Pricing Theory
 - iii. Baumol's Sales Revenue Maximization Model
 - iv. Marris Model Of Marginal Enterprise
 - v. The Principal Agent Theory of the Firm.
 - b. Game Theory Of Oligopoly Market
 - i. Two Person Zero Sum Game
 - ii. Certainty Model
 - iii. Non- Zero- Sum- Game Model
 - iv. Nash Equilibrium
 - v. Co-Operative & Non Co-Operative Games
3. Theory Of Distribution Lectures :15
 - a. Marginal Productivity Theory Of Distribution
 - b. The Product Exhaustion Theorem.
 - c. Modern Theory of Rent.
 - d. Modern Theories Of Wages and Employment Determination
 - i. Under Perfect Competition: the Equilibrium of the Firm and Industry.
 - ii. Imperfect Competition the Equilibrium of the Firm and Industry.
 - e. Theories Of Interest Rate
 - i. Loanable Funds Theory
 - ii. Time Preference Theory
 - f. Theories of Profit
 - i. Risk and uncertainty
 - ii. Theory of Innovation
4. General Equilibrium & Economic Efficiency & Welfare Lectures :16
 - a. Partial Equilibrium V/S General Equilibrium Analysis
 - b. Simple Model of General Equilibrium Analysis
 - c. Efficiency in Exchange & in Production
 - d. Equity & Efficiency & The Gains From Free Trade
 - e. The Market Failures
 - f. Social Welfare: Concept & Measurement.

- g. Welfare Criterion: The Pareto Optimality Criterion
- h. The Kaldor- Hicks Compensation Criterion
- i. Scitovsky Criterion.
- j. Berg Son's Social Welfare Function.
- k. Maximization Of Social Welfare
- l. The Theory of Second Best.

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I & II

(Eco: 111: Advanced Micro Economics: I & Eco: 121: Advanced Micro Economics: II)

1. Modern Microeconomics : A.Koutsoyiannis,2nd Ed. Macmillan Press
2. Introduction To Positive Economics: R.G.Lipsey & K.A.Chistal,11th ed. E.L.B.S. Oxford University Press
3. Price Theory &Its Application : Jackhirshlefer, Prentice-Hall Of India Private Limited
4. Theory Of Price : G.J.Stigler, Prentice-Hall Of India Private Limited
5. Advanced Microeconomic Theory: Mshra & Pury: Himalaya Publishing House
6. Micro Economics: Robert S.Pindyck &Daniel Rubbinfield, Pearson education
7. Microeconomics Principals &Policy :W.J.Baumol & Alan S. Blinder, Thomson
8. Analytical Microeconomics: Sampat Mukherjee , (2006), New Central Book Agency (P)Ltd : 8/1,Chuintomony Das Lane, Kolkata-700009 9.
9. Modern Economic Theory: K.K.Dewett, S.Chand
10. Principles Of Microeconomics H.L. Ahuja,S Chand,
11. Advanced Economic Theory: H.L. Ahuja, S Chand,14 Th Edition
12. Microeconomic Analysis : Varian,H.W.W.Norton ,New York
13. Theory Of The :Firm: Archibald,G.Ced. Penguin, Harmondsworth
14. Principles of Microeconomics: by N. Gregory Mankiw
15. Principles of Microeconomics 21st Revised Edition (English, Paperback, Markanday R, Khurana KJS)
16. Principles of Microeconomics:(First Edition):By Mehmet Serkan Tosun, Pavel Yakovlev, and Antony Davies ISBN: 978-1-63189-810-5, ©2015
17. WEB SITE : WIKIPEDIA
18. Website: Investopedia



SEMESTER – II

- Paper Code No: Eco: 122
- Nature: Core Paper (Compulsory Paper)
- Paper Title: Modern Public Economics: II
- Total Lectures Required: 60

1. Fiscal Federalism in India

Lectures : 13

- a. Principles of Multi-Unit Finance
- b. Fiscal Federalism in India
- c. Problems of States' Finances & Mechanism of Devolution of Resources
 - i. Resource Transfer from the Union to the States & Its Criteria
 - ii. Critical Evaluation of Centre-State Financial Relations in India
 - iii. Critical Evaluation of the Recommendations of the Latest Finance Commission In India
- d. Introduction of GST & Problems of State Finance / Resources
- e. Local Government Finance
 - i. Functions & Financial Resources of Local Government Bodies
 - ii. Problems Local Government Bodies
- f. Transfer of Resources from the Union and the States to the Local Governments
- g. Fiscal Crisis and Fiscal Sector Reforms in India
- h. Fiscal Consolidation in India

2. Taxation & Public Debt Of India

Lectures : 16

- a. Taxation in India
 - i. Structure Of Taxation in India
 - ii. Equity Aspects of Tax: Tradeoff between Equity and Efficiency
 - iii. Theory of Optimal Taxation & Modern Theory of Tax Shifting
 - iv. Problems of Taxation
 1. Tax Avoidance , Tax Evasion and the Black Economy
 2. The Problem of Double Taxation
 3. Agriculture Tax in India
 - v. GST & Recent Reforms in the Tax System in India:
- b. Public Debt in India
 - i. Views of Classical, Keynesian and Post Keynesian economists
 - ii. Role of Public Borrowing in a Developing Economy like India
 - iii. Sources & Classification Public Debt in India
 - iv. Burden and Effects of Public Debt
 - v. Public Debt Management and Repayment

3. Public Expenditure & Subsidies in India

Lectures: 15

- a. Public Expenditure With Reference To India
 - i. Structure, Classification and Growth
 - ii. Effects Of Public Expenditure On:
 1. Employment
 2. Growth and Development
 3. Stability and Distribution of Income and Wealth
- b. Subsidies in India
 - i. Meaning and Justifications For Subsidies
 - ii. Types Of Subsidies
 - iii. Subsidies In The Case Of Positive Externalities (Merit Goods)

- iv. Effects Of Subsidies: Deadweight Losses
 - v. Subsidies as Public Policy
 - 1. Farm Subsidies
 - 2. Public Education
 - 3. Unemployment Insurance and Welfare
 - vi. Debate on Subsidies In India
4. Fiscal Administration & Public Governance in India Lectures : 16
- a. Fiscal Administration in India
 - i. Fiscal and Monetary Policies & their interdependence
 - ii. Fiscal Policy In India
 - iii. Budgets: Types and Forms
 - iv. Budgetary process
 - v. Budgetary Deficit & Its Implications
 - vi. Financial Accountability
 - vii. Accounts and Audit: Role Comptroller and Auditor General_(C.A.G.)
 - b. Critical Evaluation Of The Latest Budget Of The Government Of India: Revenue & Capital Budgets Provisions
 - c. Good Governance
 - i. Need for Innovative Approaches
 - ii. Difference Between Government And Good Governance
 - iii. The Importance Of Good Governance
 - iv. The Principles Of Good Governance
 - v. Good Governance And India
 - d. Nature Of Governance In India
 - i. Attributes Of Poor Governance
 - ii. Steps Taken For Good Governance
 - iii. Other Major Challenges To Good Governance
 - iv. Suggestion For Good Governance In India

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I & II

- (Eco: 112:Modern Public Economics: I & Eco: 121:Modern Public Economics: II)
1. Musgrave ,R.A.(1959),The Theory Of Public Finance ,Mcgraw Hill,Kongakhusa, Tokyo
 2. Musgrave ,R.A & Musgrave ,P.B.(1976) Public Finance In Theory & Practice Mcgraw Hill, Kongakhusa, Tokyo
 3. Edgar K.Browing &Jacuelene M. Browing; Public Finance & The Prices System, Pearson Education:4th Edition
 4. Atkinson, A.B. And J.E. Siglitz (1980) Lectures On Public Economics. Tata Mcgraw Hill, New York.
 5. Buchanan , J. M. (1970), The Public Finances ,Richard D. Irwin, Homewood 6. Goode ,R (1986),
 6. Mancur Olson: *The Logic Of Collective Action*.
 7. James M. Buchanan And Gordon Tullock Coauthored "*The Calculus Of Consent: Logical Foundations Of Constitutional Democracy*"
 8. Von Mises Edited By Bettina Bien Greaves Interventionism: An Economic Analysis By Ludwig The Foundation For Economic Education, Inc. Irvington-011-Hudson, New York 10533
 9. David N Hyman:Public Finance ;
 10. Jha ,R.(1998) Modern Public Economics, Routledge ,London
 11. Mennut, P. (1996), The Economics Of Public Choice, Edward Elgar, U.K.
 12. Duff, L. (1997), Government & Market, Orient & Longman, New Delhi.
 13. Modern Microeconomics : A.Koutsoyiannis,2nd Ed.Macmillan Press
 14. Introduction To Positive Economics: R.G..Lipsey & K.A.Chistal,11th Ed.E.L.B.S.Oxford University Press
 15. Price Theory &Its Application : Jackhirshlefer, Prentice-Hall Of India Private Limited
 16. Advanced Microeconomic Theory: Mshra & Pury: Himalaya Publishing House
 17. Micro Economics: Robert S.Pindyck &Daniel Rubbinfield, Pearsoneducation
 18. Principles Of Microeconomics H.L. Ahuja,S Chand,
 19. Public Economics In In India :Theory & Practice:Janak Raj Gupta,Atlantic,Publishers & Distributor(P)Ltd..2011
 20. Finance Commission & Fiscal Federalism In India: M.M.Sury,New Century Publication,New Delhi,India.2010.
 21. Government Finance in Developing Countries, Tata Mcgraw Hill, New Delhi.

22. Public Finance : H.L.Bhatia: Vikas Publishing House 24th Edition
23. Federal System In India : P.N. Chopara, Atlantic,Publishers & Distributor(P)Ltd..2012
24. Fiscal Federalism In India: Shrivastava D.K. (Ed)(2000),Har Anand Publication Ltd. New Delhi
25. Fiscal Policy In India, Chelliah, Raja J., (1971), George Allen &Unwin, London.
26. Government Of India,(1985),Long Term Fiscal Policy , New Delhi
27. India's Fiscal Crises, Bhargava, P. K.(1991) Ashish Publishing House, New Delhi
28. Second Generation Economic Reform In India, Datt,R. (Ed.)(2001)Deep &Deep Publication ,, New Delhi
29. Report Of Tax Reform In India –Interim &Final , Government Of India,(1992),New Delhi
30. Governance : Arun Shauri,Marathi Anuwad Bharati Pande,Mehata Publishing House,,Pune,2009.

31. The Challenge Of Good Governance In India: Need For Innovative Approaches: Balmiki Prasad Singh

32. The New Public Finance: Responding To Global Challenges, Inge Kaul And Pedro Conceição: Oxford
33. Premchand ,A.(1966), Control Of Public Expenditure In India, Allied Publishers, New Delhi
34. Barman ,K. (1986) Public Debt Management In India ,Uppal Publishing House, New Delhi
35. Governance In India, M. Laxmikanth,2014
36. The Government Of India : Economic Survey 2016-17 & Onwards
37. The Government Of India : Annual Reports
38. Good Governance: A Study Of The Concept In Indian Context Dr. Dinesh Arora Assistant Professor, PG Department Of Political Science DAV College, Jalandhar (Pb.) India
39. The Challenge Of Good Governance In India: Need For Innovative Approaches By Balmiki Prasad Singh
40. Good Governance In India: Interplay Of Politics, Culture And Technology In E-Governance Projects By Bidisha Chaudhuri University Of Heidelberg
41. Good Governance In India-Problem & Suggestion Vertika Dixit M.J.P Rohilkhand University, Bareilly (UP) India
42. Report On Good Governance — Challenges And Opportunities, GOI February 2016

43. Latest Finance Commission Reports
44. Web Sites
 - a. The Government Of India : India.Gov.In
 - b. The Finance Ministry Of India : Finmin.Nic.In
 - c. Reserve Bank Of India :Rbi.Org.In
 - d. International Monetary Fund - Official Site : www.imf.org
 - e. WEB SITE : WIKIPEDIA
 - f. Website: Investopedia



SEMESTER – II

- Paper Code No: Eco: 123(A)
- Nature: Optional Paper (Choice Based)
- Paper Title: Research Methodology For Economics
- Total Lectures Required: 60

1. Nature of Economic Research Lectures : 15
 - a. Economic Research
 - i. Meaning , Nature and Objectives
 - ii. Importance and Scope Of Research in Economics
 - iii. Problems and Limitations Of Research in Economics
 - iv. Types of Economic Research
 - b. Steps in Research Process
 - c. Ethics in Research
 - d. Research Design
 - i. Meaning & Types
 - ii. Conceptual Framework
 - e. The Research Problem
 - i. Identification of the Problem
 - ii. Factors Involved in The Selection of Problem
 - f. Hypothesis- Definition, Characteristics and Importance
 - i. Review Of Literature
 - ii. Need For Reviewing Literature
 - iii. Sources Of Literature
2. Data Collection Methods : Sampling Techniques Lectures : 18
 - a. Data for Research
 - i. Meaning & Need of Data
 - ii. Types Of Data
 - iii. Sources Of Data
 1. Sources Of Primary Data & Their Limitations
 2. Sources Of Secondary Data & Their Limitations
 - iv. Data Collection: Population / Census v/s Sampling Method
 - b. Sampling
 - i. Meaning & Definition
 - ii. Selection & Size of Samples
 - c. Types of Sampling
 - i. Probability Or Random Sampling: Meaning , Merits & Demerits
 - ii. Non Probability/ Non Random Sampling: Meaning , Merits & Demerits
 - d. Types Of Probability / Random Sampling

- i. Simple Random Sampling:
 - ii. Systematic Random Sampling
 - iii. Stratified Random Sampling
 - iv. Two Stage Sampling
 - e. Non-Random Sampling
 - i. Purposive/ Convenience Sampling
 - ii. Quota Sampling
 - f. (Meaning, Examples, Merits & Demerits of each type of Sampling))
- 3. Data Collection And Data Analysis Lectures Required: 13
 - a. Data Collection by
 - i. Questionnaire Method
 - 1. Meaning, Types, Merits & Demerits Of Each Type
 - 2. Types of questions & criteria for question designing
 - 3. Physical characteristics of Questionnaire
 - ii. Interview Method
 - 1. Meaning, Types, Merits & Demerits Of Each Type
 - 2. Process of Interview Method
 - 3. Precautions taken for Interview
 - iii. Observation
 - 1. Meaning, Types, Merits & Demerits Of Each Type
 - 2. Process of Observation Method
 - 3. Precautions taken for Observation
 - b. Problem of Measurement In Economic Research.
- 4. Processing, Tabulation , Representation and Analysis of Data Lectures Required: 13
 - a. Concept Of Data Processing
 - a. Fieldwork Validation ,Data Editing and Coding
 - b. Index Numbers
 - b. Classification: Meaning Functions And Bases Of Classification
 - c. Tabulation: Meaning, Parts Of Table, Requisite Of Good Table & Types of Tables
 - d. Diagrammatic Presentation: Types Of Line, Bar,& Pie Diagrams
 - e. Analysis of Data & its Interpretation.
 - a. Statistical Techniques used for Data Analysis,
 - b. Interpretation of Data
 - c. Use of Computers.
 - f. Hypothesis Testing Test
 - a. Tests of significance,
 - b. level of significance,
 - c. Type I and Type II errors,
 - g. Hypothesis testing based on t, χ^2 (Chi-square) and F tests
 - h. Report writing
 - i. Types Of Research Reports
 - ii. Language and Skills of Analysis
 - iii. Elements Of Research Report

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER – I

Eco: 121: Research Methodology For Economics

1. Gupta S. C.: Fundamentals Of Statistics: Himalaya Publishing House
2. Deepak Chawala & Neena Sodi, "Research Methodology :Concepts & Cases "Vikas Publishing House,New Delhi,2011
3. G.C.Ramamurthy, Research Methodology, Kogent Learning Solution, New Delhi
4. Kothari C.R.: Research Methodology-Methods And Techniques
5. Kothari- C.R.Research Methodology, Methods and Techniques – Willey Eastern Ltd., 1988.
6. Krishnaswmy, O.R. and Ranganathan, M. (2005) Methodology of Research in Social Research
7. Lundberg, George A. : Social Research, Long mans, Green and Co., New Delhi
8. M.Weber:The Methodology of social sciences

9. **Madge John: Tools Of Social Research**
10. **Nachmias David & NachmiasChava, (1981), Research Methods in the Social Sciences, New York, St.**
11. **Ranjeet Kumar (2008) : Research Methodology: A Step by Step Guide for Researchers.**
12. **W.J.Goode and P.K.Hatt : Methods of Social Research Randome House,1964**
13. **Young Pauline: Scientific Social Survey and Research**
14. **Monga G.S. (1972), Mathematics and Statistics For Economics, Vikas Publishing House, New Delhi.**
15. **Richard i. Levine & David S. Rubin: Statistics For Management, Pearson Education,1998**
16. **Murray R Spigel and Larry J. Stephens: Statistics, Magraw Hill International, Ed. B.Smith: "Political research Methods"**
17. **Web site: Wikipedia**





SEMESTER – II

- Paper Code No: Eco: 123 (B) • Paper Title: Comparative Economic Systems in the World
- Nature: Optional Paper (Choice Based) • Total Lectures Required: 60

1. Economic Systems Lectures: 07
 - a. An Economic System.
 - i. Meaning ,Definition and The Basis of An Economic System
 - ii. The Fundamental Functions of An Economic System
 - iii. Classification of Economic Systems
 - iv. Basic Economic Problems
 - b. Performance Criteria for a Good Economic Systems
 - c. Usefulness of the Study of Economic Systems
2. The World Of Capitalism: I Lectures: 16
 - a. Meaning and Definition
 - b. The Origin ,Evolution and Features of Capitalism
 - c. A Critique Of Capitalism in Operation
 - d. Economic System of the United States of America
 - i. Importance Of The America's Economy In The World Economy
 - ii. Economic History Of America
 1. Colonization &Colonial Economy to New Nation's Economy
 2. Inventions & Resource Development
 3. Business Tycoons
 4. Government Involvement
 5. The Post War Economy 1945-1960
 6. Years Of Change The 1960s &1970s
 7. The Economy In The 1980s &1990s
 - iii. Agriculture & Industrial Development in America
 - iv. Federal Reserve System ,Commercial Banking &Financial System in America
 - v. Dollars' Importance in The World Trade
 - vi. Economic Crisis In America
 - vii. Economic Relations between India and America
3. The World of Capitalism: II Lectures : 18
 - a. Economy Of Japan
 - i. Importance Of The Japan's Economy In The World Economy
 - ii. Growth and Structural Change
 1. The War Economy : 1937 To 1945
 2. Post War Recovery: 1945-49
 3. The High Growth Era : 1950-70
 4. Economic Maturity and Slowdown
 5. The Bubble Burst & Recession
 - iii. The Role Of The State
 - iv. Land and Agriculture

- v. Labor Supply and the Labor Market
- vi. Capital, Technology and Enterprise
- vii. Economic Relations between India and Japan
- b. The Economy Of European Union
 - i. Economic & Political Regions Of European Union
 - ii. Importance Of The Economy Of European Union in The World Economy
 - iii. Economic Development
 - 1. Pre-1945 Industrial Growth
 - 2. 1945 -1990 The Cold War Era
 - iv. The Rise Of European Union
 - 1. The Functioning Of The European Union
 - 2. Institutions Of The European Union
 - 3. The European Single Market: Internal Market
 - 4. The Economic And Monetary Union (EMU) Of The European Union
 - a. The European System Of Central Banks
 - b. The Euro Currency
 - 5. The Common Agricultural Policy (CAP)
 - 6. The Free Movement Of Persons & Goods
 - 7. Budget Of The European Union
 - v. European Debt Crisis
 - vi. Brexit :Meaning ,Causes & Consequences
 - vii. Economic Relations between India and the European Union
- 4. The Transforming World Of Socialism
 - a. Socialism: Meaning, Definition,
 - b. The Origin ,Evolution and Features Of Socialism
 - c. Economic System Of Russia
 - i. Importance Of The Russian Economy in The World Economy
 - ii. Historical Background
 - 1. Agriculture in the Soviet Union
 - 2. The Eras of Lenin and Stalin
 - 3. The Postwar Growth Period
 - 4. Reform and Resistance
 - iii. The Perestroika Program
 - 1. Unforeseen Results of Reform
 - 2. Economic Reform in the 1990s and After
 - iv. Economic Relations between India and Russia
 - d. Economic System Of The People's Republic Of China
 - i. Importance Of The Chinese Economy In The World Economy
 - ii. Economic History Of China Before 1947
 - iii. The Socialist Era:1949-1978:The Big Push Industrialization & Policy Instability
 - iv. Market Transition : Chinese Economic Reform s, its : Strategy , Process & Performance Since 1978
 - v. Population Policy & Human Capital Development
 - vi. The Nonstate Sectors
 - vii. Special Economic Zones of China
 - viii. Economy of Hong Kong
 - ix. Economic Relations between India and China
 - e. Economic System in India
 - i. Importance Of The Indian Economy in the World Economy
 - ii. The Evolution & Basic Features Of the Indian Economy
 - iii. Indian Economy under The British Rule
 - iv. Indian Economy after Independence up to 1990
 - v. Indian Economy after 1990 till today
 - vi. Assessment and Evaluation of the Indian economy

Lectures : 19

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER –II

Code No. : Eco: 123 (B) Paper Title: Comparative Economic Systems in the World

1. Louks And Whiteney- Comparative Economic Systems ,a Happer International edition,1969.
 2. Dr. S.M. Israney- Comparative Economic Systems.
 3. S.S.M. Desai- Economic Systems.
 4. Grossman- Economic Systems
 5. Gyan Chand- New Economy Of China.
 6. R. Datta And K.P.M. Sundharam- Indian Economy
 7. ' Arthasanwad' Jan-March 2005 (China And Socialism.)
 8. Knowing Capitalism: Nigel Thrift, University Of Oxford,(978-1-4129-0059-1) Sage
- Web site: Wikipedia



SEMESTER – II

- **Paper Code No: Eco: 124 (A) Paper Title: Economics Of Agriculture & Rural Development:II**
- **Nature: Optional Paper (Choice Based) Total Lectures Required: 60**

- 1. Economics Of Agriculture Production Lectures: 12**
 - Nature Of India 's Agriculture
 - Risk And Uncertainty: Nature, Effects And Measurement
 - Assessing The Impact Of Risk Measuring Risk
 - Farm Management: Nature, Scope and Features
 - Principles Of Farm Management
 - Law Of Production
 - Cost Function
 - Equi-Marginal Production
 - Combining Enterprise
 - Production Function- Relation between Input and Output.
- 2. Technology in Agriculture Lectures:14**
 - Meaning, Objectives and Limitations
 - Factors in new technology in Agriculture
 - Impact of technological changes on Agricultural Production
 - Strategy of Agricultural Development and Technological Progress.
 - Mechanization of Agriculture: Merits and Demerits
 - Green House Technology.
 - Genetic Engineering In The United States
 - Regulation of Genetically Modified Organisms in The European Union
 - Genetically-Modified Seeds in India
 - International Cooperation in the Field Of Research and Education in Agriculture and Allied Areas
 - Climate Change and its impact on agricultural and Support Mechanisms for Climate Change
- 3. Management of Animal Genetic Resources**
 - Characterization of Animal Genetic Resources
 - Sustainable Use of Animal Genetic Resources
 - Industrial livestock production
 - Small-scale livestock production
 - Mixed Farming
 - Pastoralism
 - Benefits and Uses of Livestock Diversity
 - Values of Animal Genetic Resources
 - Threats to Livestock Diversity
 - Current State of the India 's Animal Genetic Resources
 - Conservation of Animal Genetic Resources
 - Livestock Population In India & government policy
- 4. WTO and Indian Agriculture 13 Lectures**
 - The Agreement on Agriculture (AOA)

- b. **Market Access**
- c. **Special Safeguard Position**
- d. **Export Competition Commitment**
- e. **Export Subsidies Commitment**
- f. **Special and Differential Treatment**
- g. **Implementation of the AOA**
- h. **The Present Negotiation: Doha Round**
- i. **Advantages and Disadvantages of WTO in relation to Indian Agriculture.**
- j. **The Food and Agriculture Organization of the United Nations(FAO)**

Reference Books (Semester I & II)

1. Bilgrami S.A.R.(1996): Agricultural Economics, Himalaya Publishing House, Delhi.
2. Dantwala M.L. (1991), Indian Agricultural Development Since Independence, Oxford and FBH, New Delhi.
3. Kahlon A. S. and Tyagi D. S. (1983), Agricultural Price Policy in India, Allied Publishers, Bombay.
4. Rudra A (1982), Indian Agricultural Economics Myths and reality, Allied Publishers, New Delhi.
5. Dhawan D. S., (1988) Irrigation in Indian Agriculture Development, Saga Publication, New Delhi.
6. Dr. K. M. Patil, Krushhi Utpadnache Arthshastra.
7. Prof. Kavimandan, Krushi Arthashastra.
8. Prof. Sau. Shanta Patil and Leela Patil, 'Krushhi Arthashastrachi Multatve'.
9. C.S.Prasad (Ed.), Sixty years of Indian Agriculture: 1974 to 2007, New Century Books.
10. Astha Ahuja, Agriculture & Rural Development in India, New Century Books.
11. Subsidies in India: Rishi Muni Diedi, New Century Books.
12. Harish Nayyar & P. Ramasamy, Globalization & Agricultural Marketing.
13. Merlinda D. Ingco & John D. Nash, Agriculture and WTO (Creating & Trading System for Development)
14. Indian Journal of Agricultural Economics.
15. National Agricultural Policy, Ministry of Agriculture Govt. of India, 2000.
16. Dr. Narkhede Vijay P., Dr. Patil N.. Dr. Shinde Vijay S., Patil K. S., Khatle V. T. (2015), Agricultural Economics, Atharva Publications, Jalgaon.
17. Dr. Mulani M. U. (2009), Krushi Arthashhastra, Suc. Agricultural Policies in Emerging Economies 2009 Monitoring and Evaluation: Monitoring and Evaluation
18. OECD OECD Publishing, 17-Mar-2009 - 192 pages
19. CROSSING THE RUBICON Towards A Pareto Efficient Indian Agricultural Market - with specific focus on rice and wheat markets Dr Anandi Subramanian October 2014 Department of Economic Affairs Ministry of Finance Government of India
20. Fundamentals of Organic Agriculture – Past and Present :Published in: Organic Crop Production – Ambitions and Limitations, H. Kirchmann, L. Bergström, eds., 2008, p. 13-38, Springer, Dordrecht, The Netherlands



NORTH MAHARASHTRA UNIVERSITY, JALGAON

(NAAC Re-accredited "A" Grade)

Faculty of Humanities

Board Of Studies in Economics

Syllabus of Course of M.A (Economics) Part: I (w.e.f. Academic :2017-18)

Subject: Economics (Post Graduate Course in Master of Arts) Semester Pattern

Maximum Total Marks: 100 = (University Assessment) 60 + (College Assessment) 40 (Total Periods: 60)

6

SEMESTER – II

- Paper Code No: Eco: 124 (B)
- Paper Title: Economics Of Industries :II
- Nature: Optional Paper (Choice Based)
- Total Lectures Required: 60

- Industrialization & Industrial Sector In India Periods: 10
 - a. The Role Of Industrialization
 - b. Review of Industrial Development In India.
 - c. Pattern Of Industrial Development In India
 - d. Private Sector In India : Role, Private Sector Corporate Giants, Role, Performance
 - e. Public Sector In India: Role, Important Public Sector Enterprises & Performance.
 - f. Large And Small Scale Industries: Role And Performance
 - g. Some Major Industries In India
- Problems of Indian Industry. Periods: 12
 - a. Problems Of Industrial Development In India
 - a. Economic Crisis And Structural Changes In Industries After 1991.
 - b. Problems Of Public Sector Enterprises In India
 - c. Problems Of Public Sector Enterprises In India
 - d. Problems Of Small, Scale Industries In India
 - e. Industrial Sickness: Definition, Magnitude, Causes, Consequences and Remedial Measures.
 - f. Problems Of Dispersal And Decentralization Of Industries.
 - g. Need Of Balanced Regional Development Of Industries
 - h. Government Measures towards Balanced Regional Development of Industries
- Government Regulation & Deregulating Of Firms And Industry Periods: 16
 - a. Government Regulation
 - i. Regulation: Meaning, Need And Tools Of Regulation
 - ii. Regulation of Firms With Market Power Under Symmetric Information.
 - iii. Regulation Under Asymmetric Information
 - iv. The Industries(Development And Regulation) Act, 1951
 - v. Industrial Regulation Authorities In India: Objectives, Role & Functions
 - b. Government Deregulating Of Firms And Industry
 - I. Deregulation: Meaning And Its Rationale
 - II. Deregulation , Liberalization & Privatization
 - III. Privatization :Evolution Of Privatization Policy In India & Its Methods
 - IV. Critique Of Privatization & Disinvestment
 - V. Competition Policy: Objectives , Difficulties & Policy In Practice
- Globalization and the Indian Industry. Periods: 10
 - a. Globalization: Meaning & Steps Towards Globalization In India

- b. Effects Of Globalization On Indian Firms & Industries
- c. Foreign Capital , Foreign Direct Investment & Multinational Corporations In India
- d. A Critical Appraisal Of MNCs Operations In India
- e. Control Over MNCs
- f. Foreign Collaborations In India
- g. Debate over Nationalism V/S Globalization.

Recommended/Reference Books

- Paper Code No: Eco: 114 (B) • Paper Title: Economics Of Industries :I
- Paper Code No: Eco: 124 (B) • Paper Title: Economics Of Industries :II

1. Indian Economy-Mishra & Puri (30th Ed) Himalaya Publishing House.
2. Indian Economy:Gaurav Datta & Ashwini Mahajan ,66th R.Edi. S.Chand .
3. Industrial Economics – Donald H. Hay, Oxford
4. Industrial Economics _ R.R.Barthwal,Wiley.
5. Industrial Economics- Francis Cherunilam,Himalaya .
6. Industrial Economics- Singh & Siddu, Himalaya.
7. Industrial Economics- Shrivastav,S Chand.
8. Safdar Hasmi Marg; New Delhi- 110001 (On Lilne www.lrhjournal.in).
9. An Introduction To Industrial Economics P.J.Divine,R.M.Jones, N.Lee,W.J.Tyson, George Allen & Unwin (1976)
10. The Indian Journal Of Industrial Relations- A Review Of Economic & Social Development, Shree Ram Center For Industrial Relation & Human Resources,



NORTH MAHARASHTRA UNIVERSITY, JALGAON

(NAAC Re-accredited "A" Grade)

Faculty of Humanities

Board Of Studies in Economics

Syllabus of Course of M.A (Economics) Part: I (w.e.f. Academic :2017-18)

Subject: Economics (Post Graduate Course in Master of Arts) Semester Pattern

Maximum Total Marks: 100 = (University Assessment) 60 + (College Assessment) 40 (Total Periods: 60)

7

SEMESTER – II

- Paper Code No: Eco: 124 (c)
- Nature: Optional Paper (Choice Based)
- Paper Title: Economics of Population
- Total Lectures Required: 60

1. Introduction Lecture : 12
 - a. Economics Of Population
 - i. Definition ,Nature & Scope
 - ii. Development Of Population Studies In The World & In India
 - iii. Interrelationship Between Population Studies & Other Science
 - b. Sources Of Population Data
 - i. Population Census
 - ii. Vital Statistics Or Registration Of Vital Events
 - iii. Sample Survey
 - iv. Dual Report System
 - v. Population Register
2. Population Structure And Characteristics Lecture : 18
 - i. Sex & Age Structure & Its Determinant Factors
 - ii. Literacy Ratio , Educational Attainment & Determinant Factors
 - iii. Mortality
 1. Concept & Measures Of Mortality
 2. Factors Affecting It
 3. Reasons Of High Mortality In Past
 4. Causes Of Decline Mortality
 - iv. Fertility
 1. Concept & Measures Of Fertility
 2. Biological Limits & Social Norms
 3. Psychological Factors Affecting Fertility
 4. Social & Cultural Factors
 5. Level & Trends In Fertility The World & In India
 - v. Migration
 1. General Terms , Concepts & Importance
 2. Methods Of Measuring Internal Migration
 3. Migration In The World & In India
3. Population Theory Lecture : 12
 - a. Early Thinking On Population Issues
 - b. Religion & Population Issues
 - c. The Mercantilist School
 - d. Malthusian Theory Of Population
 - e. Criticism Of The Malthusian Theory Of Population
 - f. The Classical & Neo-Classical School Of Thought
 - g. Optimum Population Theory
 - h. Marxist & Socialist View
 - i. The Theory Of Demographic Transition & Its Criticism

4. Population Growth ,Distribution & Population Policy

Lecture : 18

- a. World Population Growth & Distribution
 - i. History Of World Population Growth
 - ii. Population Situation In Developed & Developing Countries
 - iii. Population Distribution
 1. World Population Distribution
 2. Factors Affecting Population Distribution
 - iv. World Population Prospectus
 - v. Indian Population Projection
- b. Population Growth & Distribution In India
 - i. Population Growth Before & After Independence
 - ii. Population Distribution In India
- c. Factors Affecting Population Growth & Distribution In India
- d. Human Development Index
 - i. Meaning, Measurement And Importance
 - ii. Human Development Index For Selected Countries
 - iii. Human Development Index For India
- e. Population Policy
 - i. In Selected Developing Countries
 - ii. In India
- f. Role Of The United Nations System In The Field Of Population

RECOMMENDED & REFERENCE BOOKS FOR SEMESTER –II

Code No. : Eco: 124 (C) Paper Title: economics of population

1. Principles Of Population Studies: Asha A. Bender & Tara Thakur : Himalaya Publishing House
2. Economic Development: Michal : Todaro & Stephen C. Smith: Person Education
3. Indian Economy: Gaourav Data & Ashwani Mahajan, S.Chand
4. Indian Economy: Himalaya Publishing House
5. Census Report Of India
6. Twenty-first Century India Environment " : Population, Economy Human Development, And The Environment : Tim Dyson 2004, 2004,
7. Population Policy: Contemporary Issues : Godfrey Roberts , Praeger Publishers, 1990
8. Web site: Wikipedia

The End