

M.A. SEM.I (YEAR I)

Economics

Core Paper-I

History of Economic Analysis

- Module-1 Ancient and Modern Indian Economic Thoughts: Kautilya, Thiruvalluvar, Somdev Suri, G.K.Gokhale, M.Visesvaraya, C.N.Vakil, V.K.R.V. Rao, Vinoba Bhave.
- Module-2 The socialist- St. Simon. Association- Robert Owen, Charles Fourier, F. Lassalle. The Historical School. The Nationalist-Friedrick List.
- Module-3 Neo classical Thought- Alfred Marshall: Utility Analysis, J.S.Mill, J.M. Keynes- Theory of money, Trade cycle. Henry Sidgewick, J.S.Nicholson.
- Module-4 Modern Economists- J.B.Clark, R.G.Hawtrey, D.H.Robertson, L.Robbins, Smt. Joan Robinson.

Basic Reading List:-

- 1- Dobb, Maurice- Theories of Value and Distribution since Adam Smith
- 2- Gide and Rist- History of Economic Doctrines
- 3- Grey, A.- History of Economic Doctrine.
- 4- Hazela- A History of Economic Thought.
- 5- Schumpeter, J.A.- History of Economic Analysis.
- 6- चतुर्वेदी, महेशचन्द्र एवं चतुर्वेदी, मिथलेश चन्द्र; आर्थिक चिन्तन का इतिहास, साहित्य भवन पब्लिकेशन, आगरा
- 7- पन्त, जे.सी. एवं सेठ, एम.एल.; आर्थिक विचारों का इतिहास, लक्ष्मी नारायण अग्रवाल, आगरा
- 8- सिन्हा, वी.सी.; आर्थिक विचारों का इतिहास, मयूर पेपरबैक्स, गाजियाबाद



M.A. SEM.I (YEAR I)

Economics

Core Paper-II

Micro Economic Analysis

- Module-1 Consumer's Behaviour: Cardinal Utility Analysis; Marginal and Total Utility; Gossen's First & Second Law; Derivation of Demand curve from Utility Function. Indifference Curve Analysis: Consumer's Equilibrium; Income, Substitution and Price Effects; Derivation of Demand Curve from PCC; Application of Indifference Curve. Revealed Preference Theory. The concept of consumer's Surplus- Marshall and Hicks.
- Module-2 Elasticity of Demand: Types, measurement and factors affecting demand elasticity. Engel Curve and Income Elasticity. Demand Elasticity of Substitution. Relation among various Types of elasticities. Elasticity of Supply.
- Module:3- Theory of Production: Production Function; Short-run and long-run Production Function, Linear and Homogenous Production Function. Cobb-Douglas Production Function; Producer's Equilibrium with help of Iso-product Curve. Returns to Scale. Ridge Lines.
- Module: 4- Market: Theories and Models Related to- Perfect Competition; Monopoly; Monopolistic Competition; Oligopoly and Duopoly.

Basic Reading List:

1. Ahuja, H.L.; Advanced Economic Theory, S. Chand & Company, New Delhi
- 2- Das, S.P.: Microeconomics for Business, Sage Publication, New Delhi.
- 3- Koutsoyiannis, A.; Modern Microeconomics, Macmillan press, London.
- 4- Stonier and Hague: A text book of Economic Theory, Long Man Higher Education.
- 5- बंसल-अग्रवाल: व्यष्टि अर्थिक विश्लेषण, साहित्य भवन पब्लिकेशन्स, आगरा
- 6- लाल, एस.एन.: व्यष्टि अर्थशास्त्र, शिवम पब्लिशर्स, प्रयागराज
- 7- सेठ, एम.एल.: माइक्रो अर्थशास्त्र, लक्ष्मी नारायण पब्लिकेशन, आगरा



M.A. SEM.I (YEAR I)

Economics

Core Paper-III

Problems of Indian Economy: Basic Issues

- Module:1- Basic Features of Indian Economy, Basic Economic Indicators and their Importance. Changes in Economy in Planning Period, NITI Ayog and Post-Plan Development. Demographic Structure, Features and Population Policy. Occupational Distribution.
- Module:2- National Income: Concept, Trends, Compositions and Structural Changes; Income Distribution and Income Inequality, Regional Disparities.
- Module:3- Poverty in India: Concepts, incidence & extent of poverty in India. Absolute and Relative Poverty, Poverty Ratio, Multidimensional Poverty Index, Poverty Alleviation Programme, Poverty and Unemployment.
- Module:4- Agriculture Sector: Role of Agriculture, Growth of Indian Agriculture. Institutional Aspects - Land Reform, Technological changes in Agriculture, Agriculture price Policy in India, Agriculture Finance, Agriculture Marketing.

Basic Reading list :-

- 1- Agrawal, A.N.: Indian Economy, New Edge Publications, New Delhi.
- 2- Dandekar, V.M. and Rath, N. : Poverty in India, Indian School of Political Economy, Bombay
- 3- Dutt R. and Sundaram, KPM: Indian Economy, S. Chand & Co. Ltd, New Delhi
- 4- Kapila, Uma: Indian Economy Since Independence, Academic Foundation, New Delhi.
- 5- Mishra, S.K. and Puri, V.K. : Indian Economy, Himalayan Pub., Mumbai.
- 6- Parikh, K.S., Indian Development Report- 1999-2000, Oxford University Press.



M.A. SEM.I (YEAR I)

Economics

First Elective Paper Statistical Methods

- Module-1 Correlation Analysis: Concept and Types of correlation, Degree of correlation, Karl Pearson's correlation and Spearman's rank method of correlation coefficient. Regression Analysis: Regression lines, Regression Equations, Regression coefficients, Regression Equation by Least Squares Method.
- Module-2 Interpolation and Extrapolation: Concept, use and assumptions of interpolation and extrapolation, Direct Binomial Expansion method, Newton's method of advancing differences, Lagrange's method of interpolation and extrapolation.
- Module-3 Probability Theory: Concept, Origin and Development of Probability, Permutation and Combination Rules of Probability, Addition & Multiplication Theorem, Conditional Probability, Bernoulli's theorem, Inverse Probability.
- Module-4 Theoretical Frequency Distribution- Binomial, Poisson and Normal Distribution. Test of Significance- Large and Small Samples Tests, Chi-Square Test and Goodness of Fit. Basic idea of test of significance based on t, z and F distribution.

Basic Reading list :-

- 1- Elhans, D.N: Fundamentals of Statistics, Kitab Mahal, New Delhi.
- 2- Gupta, S.C.: Fundamental of Mathematical Statistics, Himalaya Publishing House, New Delhi.
- 3- गुप्ता, के.एल.: प्रारम्भिक सांख्यिकी, नवयुग साहित्य सदन, आगरा।
- 4- गुप्ता, वी.एन.: सांख्यिकी, साहित्य भवन, आगरा।
- 5- नागर, कैलाशनाथ: सांख्यिकी के मूल तत्व, मिनाक्षी प्रकाशन, मेरठ
- 6- सिंह, एस.पी.: सांख्यिकी:सिद्धांत एवं व्यवहार, एस. चन्द एण्ड कं. नई दिल्ली



M.A. SEM.I (YEAR I)

Economics

First Elective Paper

Infrastructure Development of India

- Module-1 Infrastructure: Meaning and Types, Infrastructure. and Economic Development; Challenges of Infrastructure Development, Infrastructure as a public Good, Social and Physical Infrastructure, Special Characteristics of Public Utilities.
- Module-2 Transport: Role of Transport in Economic Development, Growth of Road Network in India; Transport Policy of India, The Structure of Transport Cost and Location of Economic Activities, Need for Privatisation in Transport Infrastructure, Public-Private-Partnership, Limitations of Privatisation Policy.
- Module-3 Social Infrastructure: Significance of Education to Economic Development; Expenditure on Education, Structure of Higher Education and Problems of its financing in India. Human Resource and Human Capital Development, Health Dimensions of Development, Determinants of Health- Poverty, Malnutrition, Illiteracy and Lack of Information, Financing of Health Care; Inequalities in Health.
- Module-4 Energy:- A Brief Introduction and Development of Energy Sector, Factors Determining Demand For Energy; Energy Conservation; Importance of non-conventional Energy Sources; Energy Crisis in India, Energy Modelling; Problems of Infrastructure Development in India.

Basic Reading list :-

- 1- Agrawal, A.N. and Agrawal, M.K. : Indian Economy, New Age International Pvt. Ltd. N. Delhi.
- 2- Crew, M.A. and Kleindorfer, P.R.: Public Utility Economics, Macmillan, London.
- 3- Government of India, Economic Survey (for different years).
- 4- Kapila,Uma: Indian Economy Since Independence, Academic Foundation, New Delhi.
- 5- Misra, S.K. and Puri, V. K. : Indian Economy, Himalaya Publishing House, N. Delhi
- 6- Parikh, K.S.: India Infrastructure Report 2012, Oxford University Press, N. Delhi.



M.A. SEM.I (YEAR I)

Economics

Second Elective Paper

Project Presentation

The M.A. Students in the First Semester (Second Elective) would be required to do project Work which is to be related to the elective area chosen by the students. The Project work would be evaluated by an internal and external examiner appointed by the university.



M.A. SEM.II (YEAR I)

Economics

Core Paper-I

Advanced Economic Theory

- Module-1 Equilibrium Analysis: Types of Equilibrium; General and Partial Equilibrium; Cobweb Theorem. Hicksian Logical Ordering Theory of Demand. Alternative Theory of firm-Baumol; Williamson; Marris Model and Bain's Limit Pricing Theory.
- Module-2 Theory of Distribution: Marginal Productivity Theory of distribution, Modern Theory of Distribution, Euler's Theorem. Macro Theory of Income Distribution: Classical-Ricardo & Marx; Neo-Classical – Kalecki and Kaldor.
- Module-3 Theory of Factor Pricing: Classical and Modern Theory of Rent; Quasi Rent. Theory of Interest: Liquidity Preference and Modern Theory of Interest (IS-LM). Theory of Profit-Knight and Shackle.
- Module-4 Welfare Economics: Positive and Normative Welfare Economics. Neo-Classical Welfare Economic: Marshall, Pigou, Pareto. New Welfare Economics: Kaldor-Hick's Criterion; Scitovsky's Double Criterion; Social Welfare Function; Arrow's Social Choice and individual Values.

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Basic Reading List –

1. Ahuja, H.L.: Advanced Economic Theory, S.Chand & Company, New Delhi
- 2- Das, S.P.: Microeconomics for Business, Sage Publication, New Delhi.
- 3- Koutsoyiannis, A.: Modern Microeconomics, Macmillan press, London.
- 4- Lipsey, R.G. and Chrystal, K.A.: Principles of Economics, Oxford Univ. Press.
- 5- Stonier and Hague: A text book of Economic Theory, Long Man Higher Education.
- 7- बंसल-अग्रवाल: व्यष्टि अर्थिक विश्लेषण, साहित्य भवन पब्लिकेशन्स, आगरा
- 8- सेठ, एम.एल.: माइक्रो अर्थशास्त्र, लक्ष्मी नारायण पब्लिकेशन, आगरा



M.A. SEM.II (YEAR I)

Economics

Core Paper-II

Indian Economy: Industrial & External Sector

- Module-1 Industrial Sector: Growth and Structure of Indian Industries, Industrial Policy. Industrial Productivity- measurement and Trends. Public sector: Role, Performance and Reforms. Privatisation & Disinvestment.
- Module-2 Micro, Small and Medium Enterprises (MSMEs): Definition, Role and Policies towards MSMEs, Small Sector Industrial policy, Industrial Sickness, Problem of underutilization of capacity.
- Module-3 Trends and performance in Services; Compositions and Direction of foreign Trade of India; Inflow and outflow of foreign capital and MNC's in India.
- Module-4 Economic Reforms: Fiscal and Financial Sector Reform; Globalisation of Indian Economy; WTO and its Impact on Indian Economy; Issues in competition and Safety Nets in Indian Economy.

Basic Reading List:-

1. Agrawal, A.N.: Indian Economy, New Edge Publications, New Delhi.
2. Dandekar, V.M. and Rath, N.: Poverty in India, Indian School of Political Economy, Bombay
3. Dutt R. and Sundaram, KPM: Indian Economy, S. Chand & Co. Ltd, New Delhi
4. Kapila, Uma: Indian Economy Since Independence, Academic Foundation, New Delhi.
5. Mishra, S.K. and Puri, V.K.: Indian Economy, Himalayan Pub., Mumbai.
6. Parikh, K.S., Indian Development Report- 1999-2000, Oxford University Press.



M.A. SEM.II (YEAR I)

Economics

Core Paper-III

Research Methodology

- Module-1 Introduction of Research: Meaning, nature, scope and objectives of social research; Identification of Research problem: objectives, hypothesis, stages of scientific research; Motivating Factors of social research.
- Module 2 Research Design: Meaning and need of research design; Types of research design (Only introduction)- descriptive, exploratory, diagnostic and experimental.
- Module 3 Data Collection: Facts & features, Primary data collection methods- Direct observation, questionnaire, schedule, interview. Secondary data collection methods- Personal documents, Public documents and Limitation.
- Module 4 Data Presentation, Analysis and Report Writing: One dimensional diagrams; Two-dimensional diagrams; Graphs of time series; Graphs of frequency distribution, Types of Report, Research Report format- Documentation; Footnotes and Bibliography. Writing the Report-Presentation.

Basic Reading List:-

- 1- Gupta, S.C. (1993): Fundamentals of Applied Statistics, S.Chand & Sons, N.Delhi
- 2- Hans Raj: Theory and Practice inn Social Research, Surjeet Publication, New Delhi, 1979
- 3- Kothari, C.R, (1998): Research Methodology Method and Techniques, Wiley Eastern Limited, New Delhi
- 4- Sadhu, A.N. and Singh, Amarjit: Research Methodology in Social Sciences, Himalaya Publishing House, Bombay, 1980.
- 5- Tandon, B.C.: Research Methodology in Social Science, Chaitanya Publishing House, Allahabad, 1979.



M.A. SEM.II (YEAR I)

Economics

Third Elective Paper

Industrial Economics

- Module-1 Introduction: Meaning, Need, Scope and Significance of Industrial Economics. Large and Small Scale Industries, Public Sector- Importance and Problems. Sources of Industrial Finance in India, Development of Financial Institutions and capital Market in India.
- Module-2 Industrial location: Factors Affecting Location of Industries. Theories of Location: Weber, Florence. Industrial Imbalance: Causes and Measures. Determinants of Location. Project valuation method.
- Module-3 Scientific Management, Present Management Pattern in India. Worker Participation in Management. Rationalisation.
- Module-4 Industrial Efficiency, Productivity and its measurement, Factors Affecting productivity, Size of Firm and Productivity, Capacity Efficiency.

Basic Reading List:-

- 1- Ahluwalia, I.J. (1985): Industrial Growth in India, Oxford University Press, New Delhi.
- 2- Barthwal, R.R. (1985): Industrial Economics, Wiley Eastern Ltd., New Delhi.
- 3- Desai, B. (1999): Industrial Economics in India (3rd Edition), Himalaya Publishing House, Mumbai.
- 4- Devine, P.J. & Jones, R.M. (1976): An Introduction to Industrial Economics, George, Allen and Unwin Ltd., London.
- 5- F., Cherunilam (1994): Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
- 6- Government of India, Economic Survey (Annual).



M.A. SEM.II (YEAR I)

Economics

Third Elective Paper

Environmental Economics

- Module-1 Environmental Economics - Meaning and scope. Environment and Economy: Neo-Classical and Ecological Economic Perspective, Interlinkages, Environment and Development Trade-off. Function of Environment.
- Module-2 Deviation from Economic Efficiency, Pollution and Externality, Environmental Quality as a Public Good, Case of Market Failure, Social Optimum Level of Pollution and changes it.
- Module-3 Economics of Environmental Regulations: Liabilities Laws, Allocation of Property Rights, Emission Standards, Pollution Tax and Transferable Pollution Permit.
- Module-4 Limits of Growth: Malthusian, Neo-Classical and Ecological Economic Perspectives. Sustainable Development : Concept, Rules, Approaches to Sustain ability and Indicators. Common Property Resources : Problem of Management, Issue of Climate Change & Lose of Biodiversity.

Basic Reading List:-

- 1- Ahmad, M. Hussen: Principle of Environmental Economics, Routledge Publisher
- 2- Bharucha, Erach: Environmental Studies, Orient Longman.
- 3- Bhattacharya, R.N.: Environmental Economics-An Indian Perspective, Oxford University Press.
- 4- Ehrlich, P.R. and Ehrlich, A.H.: Population, Resources Environment, W. H. Freeman & Co. LTD, Sanfranciso.
- 5- Thomas & Callan: Environmental Economics & Management, South-Western Pub.
- 6- मामा महेश्वरी : पर्यावरण अर्थशास्त्र- एक भारतीय परिप्रेक्ष्य, आनन्द पब्लिकेशन, नई दिल्ली



M.A. SEM.II (YEAR I)

Economics

Fourth Elective Paper

Project Presentation/ Field Visit

The M.A. Students in the Second Semester (Fourth Elective) would be required to do project Work/ Field work which is to be related to the elective area chosen by the students. The Project work/ Field work would be evaluated by an internal and external examiner appointed by the university.



M.A. SEM.III (YEAR II)

Economics

Core Paper-I

Monetary Economics

- Module-1 Concept and functions of money, Significance of money, Money in Closed and open Economy, Paper Currency Standard and Principles of Note issue.
- Module-2. Value of money and its measurement. Quantity theory of money- Fisher and Cambridge approach, Fundamental equation of keynes. Saving and Investment theory of money.
- Module-3 Concept of money supply, RBI Approaches to money supply, Determinants of money Supply, High Powered money and money multiplier, Deficit Financing and money supply, Money Supply and Open economy, Control of money supply.
- Module-4 Objectives and tools of Monetary Policy. Monetary Policy and economic growth, Central Banking: Meaning, Functions and Credit Control. International Monetary institutions, Role of SDR& Problem of International Liquidity, Monetary theory of Trade cycle.

Basic Reading List:-

- 1- Gupta, Suraj Bhan: Monetary Economics, S. Chand & Company, New Delhi.
- 2- Singhai, G.C: मौद्रिक अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा.
- 3- Jhingan, M.L. मौद्रिक अर्थशास्त्र, वृंदा पब्लिकेशन प्रा. लिमिटेड, दिल्ली.
- 4- Sinha, V.C.: मौद्रिक अर्थशास्त्र, लोक भारती प्रकाशन, इलाहाबाद.
- 5- Srivastava, Narendra Nath: मौद्रिक अर्थशास्त्र, उत्तर प्रदेश हिन्दी संस्थान, लखनऊ.
- 6- Sethi, T.T: मौद्रिक अर्थशास्त्र, लक्ष्मी नारायण अग्रवाल, आगरा.



M.A. SEM.III (YEAR II)

Economics

Core Paper-II

International Economics

- Module-1 Theories of International Trade: Adam Smith, Ricardo, J.S. Mill, Haberler. Derivations of offer curve, Offer curve and Trade Equilibrium.
- Module-2 General Equilibrium Theory (Ohlin), Derivation of Commodity Indifference Curve and Trade Indifference Curve, Equilibrium through Box Diagram.
- Module-3 Terms of Trade: Concepts, Measurements and Trends in Terms of Trade; Gains from Trade; Trade as Engine of Economic Growth. Alternative Views-Singer-Prebisch's Hypothesis of Secular Deterioration of Terms of Trade.
- Module-4 Commercial Policy: Free Trade Vs Protection; Argument for and against the policy of Free Trade & Protection. Theory of Interventions: Tariff and Quotas; Effects of Tariff under Partial and General Equilibrium, Dumping. Most favoured Nations Clause.

Basic Reading List:-

- 1- Jhingan, M.L.: International Economics; Vrinda Publication, Agra.
- 2- Kindleberger, C.P. (1973): International Economic Order, R.D.MIT Press.
- 3- Mannuar, H.G.: International Economics, Vikas Pub. House, New Delhi.
- 4- Vaish, M.C., & Sudama Singh: International Economics, Oxford and IBH Pub. N. Delhi.
- 5- Soderson, B.: International Economics, Mac Millan Press Ltd. London.
- 6- के.सी. राना एवं के.एन. वर्मा: अन्तर्राष्ट्रीय अर्थशास्त्र- विशाल पब्लिकेशन हाउस, जालन्धर, पंजाब.



M.A. SEM.III (YEAR II)

Economics

Core Paper-III

Economics of Growth & Development

- Module-1 **Basic Issue-** Economic Growth and Economic Development : Meaning, Concept, Measurement and Development; Economic Growth and Social Justice: Kuznets hypothesis, Growth Distribution Trade off. Basic needs approach, Hunger, Entitlement. and Capability. Human Development - HDI, HPI, Prosperity Index, Gender Index.
- Module-2 **General Growth Theories-** Classical Theories: Adam Smith, Ricardo, Marx's theory of development, Theories of Schumpeter, Rostow & Harrod-Domar Growth Models. Neo -C.lassical Growth Models of Solow, Mead & Joan Robinson,
- Module-3 **Partial Growth Theories:** Theory of Big Push, Balance and Unbalanced Growth, Social and Technological Dualism, Lewis Model, Liebenstien's Critical Minimum Effort Thesis, Nelson's Theory of Low-level Equilibrium Trap, Myrdal Thesis, Dual Gap Analyses.
- Module-4 **Problem and Policy:** Population & Development, Poverty & Development, Capital formation & development, Globalization and Development of less developed countries. Investment Criteria. WTO and developing Countries.

Basic Reading List:-

- 1- Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
- 2- Higgins, B. (1959), Economic Development, W.W. Norton, New York.
- 3- Hogendorn, J. (1996), Economic Development, Addison, Wesley, New York.
- 4- Jhingan, M.L.: The Economic of Development and Planning, Vrinda Publication Pvt. Ltd., Delhi
- 5- Kahkonen, S. and Olson, M. (2001): A New Institutional Approach to Economic Development, Vistaar Publication.
- 6- Kindleberger, C.P. (1977): Economic Development, McGraw Hill, New York.



M.A. SEM.III (YEAR II)

Economics

Fifth Elective Paper

Agriculture Economics

- Module-1 Nature and scope of Agricultural Economics; Role of Agriculture in a Developing Economy; Interdependence between Agriculture and Industry, Structural Problems in Agriculture.
- Module-2 Theories of Agriculture Development: Lewis, T.W. Schultz, Fei-Ranis. and Millor's Theory. Farm size and Productivity Relationship; W.T.O. and Indian Agriculture.
- Module-3 Land Reforms: Concepts, Progress. Co-operative and Collective farming, Technological change in Agriculture, Agriculture Marketing, Agriculture Price Policy in India, Production Function in Agriculture, Capital formation in Agriculture.
- Module-4 Indian Agriculture : Agriculture Finance, Land Utilization, New Agriculture Strategy, Cropping Pattern and Crop Insurance, Food Security, Food Policy. Public Distribution System.

Basic Reading List:-

- 1- Bhalla, G.S.: Indian Agriculture Since Independence, NBT, N.Delhi.
- 2- Black, J.D.: Introduction to Economics for Agriculture, Macmillan.
- 3- Dantwala, M.L.: Indian Agricultural Development Since Independence, South Asia Books Publisher.
- 4- Dash, Mrutyunjay: Agricultural Economics, Anmol Publications Pvt. Ltd.
- 5- Mishra, Jai Prakash: Agriculture Economics, Sahitya Bhavan Publication, Agra.
- 6- Sony, R.N. & Malhotra, Sangeeta: Leading Issues in Agriculture Economics, Vishal Publishing Co., Jalandhar, Punjab.



M.A. SEM.III (YEAR II)

Economics

Fifth Elective Paper LABOUR ECONOMICS

- Module-1 Definition, Nature, scope and importance of Labour Economics, Characteristics of Labour & Problems of Labour Market, Labour Productivity, Labour Migration, Demand and supply of Labour.
- Module-2 Concept and measurement of Unemployment, Employment and Unemployment situation in India, Methods of recruitment and placement, Employment service organization in India, Lay offs, Retrenchment and exit policy, Employment Policies in India.
- Module-3 Women Labour: Gender Biasness in Labour Market, Child Labour, India and I.L.O., Profit-sharing and Co-partnership, labour and Rationalization.
- Module-4 Trade Union Movement in India. Concept of Living, Fair and Minimum wage, Real and Nominal Wages.Theories of Wage Determination, Social Security of Labour:Concept of Social Security, Social Insurance and Social Assistance.

Basic Reading list :-

- 1- Bloom & F., Gordon: Economics of Labour Relations, Irwin Professional Publishing.
- 2- Giri, V.V.: Labour Problems in Indian Industry, Asia Publishing House.
- 3- Saxena S.C.: Labour Problems and Social Welfare, Jai Prakash Nath & co.
- 4- Singh, S.D.: Labour Economics, Centrum Press Publisher.
- 5- गुप्ता, पी.के.: श्रम अर्थशास्त्र, वृंदा पब्लिकेशन प्रा.लि., दिल्ली
- 6- सिन्हा, वी.सी.: श्रम अर्थशास्त्र, मयूर पेपरबैक्स, गाजियाबाद
- 7- सिंह, धर्मेन्द्रा: श्रम अर्थशास्त्र, विशाल पब्लिशिंग कं., पंजाब



M.A. SEM.III (YEAR II)

Economics

Sixth Elective Paper

Project Presentation

The M.A. Students in the Third Semester (Six Elective) would be required to do project work which is to be related to the elective area chosen by the students. The Project work would be evaluated by an internal and external examiner appointed by the university.



M.A. SEM.IV (YEAR II)

Economics

Core Paper-I

Macro Economic Analysis

- Module-1 Nature and scope of Macro Economics, Concept and measurement of National Income, Circular flow of income in two, three and four sector economy, Social accounting. Theory of output, income and employment - classical and Keynesian approach.
- Module-2 Consumption function: Keyne's Psychological law of consumption, Short run and long-run consumption function; Investment function; multiplier and acceleration, The marginal efficiency of Capital.
- Module-3 Demand for Money: Classical and Keynesian approach. Post Keynesian demand for money : Friedman & Patinkon Approach. Keynesianism & Monetarism, Derivation of LM Curve.
- Module 4 Inflation and deflation : Concept, Causes and Types of inflation, Theories of Inflation: Monetarist, keynesian and sturctural theories of inflation, Phillips and modified Phillips curve. Deflation- Concept and causes of Deflation, Effects of inflation and deflation, Control of inflation deflation.

Basic Reading List:-

- 1- Dornbusch, R. and F., Stanley: Macroeconomic, McGraw Hill Edu, Noida,U.P.
- 2- Gupta, Suraj Bhan: Monetary Economics, S. Chand & Co., New Delhi.
- 3- Sinha V.C.: Monetary Economics, S.B.P.D. Publication, Agra.
- 4- झिंगन, एम.एल.: समष्टि अर्थशास्त्र, वृंदा प्रकाशन, आगरा.
- 5- लाल, एस.एन.; समष्टिभावी आर्थिक विश्लेषण, शुभम पब्लिशर्स, प्रयागराज
- 6- सिंघई, जी.सी. एवं मिश्रा, जे.पी: समष्टि अर्थशास्त्र, वृंदा प्रकाशन, आगरा.
- 7- सेठी, टी.टी.; समष्टि आर्थिक विश्लेषण, लक्ष्मी नारायण अग्रवाल, आगरा



M.A. SEM.IV (YEAR II)

Economics

Core Paper-II

Public Economics

- Module-1 Introduction: Nature and Scope of Public Finance, Role of Government in organized society, Role in mixed economy, Public and Private Sector. Principle of Maximum Social Advantage.
- Module-2 Public Expenditure: Pure theory of Public Expenditure, Structure and Growth of Public expenditure, Wagner's law of increasing state activities, Wiseman-Peacock hypothesis, Zero base budgetary classification of Public Expenditure.
- Module-3 Taxation: Sources of Public revenue, Canons of taxation, Direct and Indirect tax, Theories of incidence: Benefit and Ability to pay. Goods and service tax.
- Module-4 Public Debt: Classical view. Sources of Public Debt. Types and Burden of Public debt, Types of Budget deficits, Fiscal deficits. Deficits Financing: Concept, need, effects on economy. Fiscal Policy: Objectives, importance, and tools of fiscal policy. Fiscal policy in India.

Basic Reading List:-

1. Bhargva, P.K.: Centre-state Resources Transfers in India, The Academic Press, Gurgaon.
2. Buchanan, J.M.: The Public Finance in Democratic Process, Liberty Fund Inc.
3. Goode, R.: Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
4. Jha, R.: Modern Public Economics, Routledge Publishers.
5. Musgrave, R.A. and P.B. Musgrave: Public Finance in Theory and Practice, McGraw Hill, Tokyo.
6. भाटिया, एच.एल.: लोक वित्त, विकास पब्लिशिंग हाऊस



M.A. SEM.IV (YEAR II)

Economics

Seventh Elective Paper

Modern International Economics

- Module-1 Factor Proportion Theory: H-O Theorem, Factor Price Equalisation, Leontief Paradox, Stolper-Samuelson Theorem, Rybezynski Theorem.
- Module-2 Economic Integration: The Theory of Customs Union, Effects of Customs Union- Static and Dynamic effects, Lipsey & Vanek Model.
- Module-3 Foreign Exchange Rate: Determination under Gold Standard, Purchasing power Parity Theory and Balance of Payment Theory, Fixed and Flexible Exchange Rates, Exchange Control and Exchange Management. Foreign Trade Multiplier.
- Module-4 Balance of Payment: Meaning, Structure, Equilibrium and Disequilibrium. Adjustment Mechanism of Balance of payments. Devaluation and Absorption Approach for Adjustment in B.O.P.

Basic Reading List:-

- 1- Krugman, P.R. and M. Obstfeld: International Economics, Pearson Education Publisher.
- 2- Mannuar, H.G.: International Economics, Vikas Pub. House N. Delhi.
- 3- Mithani, D.M.: International Economics, Himalaya Publishing House, New Delhi.
- 4- Salvatore, D.: International Economics, Prentice Hall N. Delhi.
- 5- Sodersten, Bo: International Economics, Palgrave Macmillan Publisher.
- 6- राना,के.सी. एवं वर्मा,के.एन.: अन्तर्राष्ट्रीय अर्थशास्त्र- विशाल पब्लिशिंग हाउस, जालंधर, पंजाब.



M.A. SEM.IV (YEAR II)

Economics

Seventh Elective Paper

Demography

- Module-1 Demographic Analysis: Definition, concept, subject matter, importance and tools. Demographic Data: Nature, Scope and Sources. Census: Measurement of Population Growth, Structure of Population, Population Projection.
- Module-2 Population Theories: Malthus and Neo-Malthusian, Optimum Theory, Logistic Curve Theory, Theory of Demographic Transition.
- Module-3 Demographic Measurements: Fertility- Total Fertility Rate (TFR), Gross Reproduction Rate(GRR), Net Reproduction Rate (NRR). Factors Affecting Fertility Socio-Economic Factors: Economic Status, Health, Education, Nutrition. Fertility Measurement, Fertility Trends in India.
- Module-4 Mortality and Morbidity- Concepts and Measurement. Life Table: Construction, Types and Uses. Demographic Trends in Developed and Developing countries. Population Policy in India.

Basic Reading List:-

- 1- Agrawal, S.N.: India's Population Problem, Tata McGraw-Hill Co. Bombay.
- 2- Bose, A.: India's Basic Demographic Statistics, B.R. Pub. Corp., N. Delhi.
- 3- Bogue, D.J. (1971): Principal of Demography, John Welly, New York.
- 4- Gulati, S.C. (1988): Fertility in India: An Econometric Analysis of a Metropolis, Sage Publications Ltd., New Delhi.
- 5- Sinha, V.C.: Demography, SBPD Publishing House, Agra.
- 6- Srinivasan, K: Basic Demographic Techniques and Application, Sage Pub., N. Delhi.



M.A. SEM.IV (YEAR II)

Economics

Research Project/ Dissertation

The M.A student in the fourth semester (Year-II) would be required to write a Project work/dissertation which is to be related to the field work submitted by the student. The Project work/dissertation would be evaluated by an internal and external examiner appointed by the university.

