DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, AYODHYA

Structure of Syllabus for the

Program: M.A., Subject: ECONOMICS

Structure of Syllabus Developed by			
Name of BoS Convener/ BoS Member	**Designation**	**Department**	**College/ University**
Dr. Abhai Kumar Srivastava (Convenor)	Professor	Economics	Shri L.B.S. Degree College Gonda
Dr. Jitendra Bahadur Pal (Member)	Professor	Economics	Shri L.B.S. Degree College Gonda

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
SEMESTER I (YEAR I)						
	CORE	Micro Economic Analysis	5	T	25	75
	CORE	Problems of Indian Economy : Basic Issues	5	T	25	75
	CORE	Statistical Methods	5	T	25	75
	FIRST ELECTIVE (Select any one)	Labour Economics	5	T	25	75
		Infrastructure Development of India	5	T	25	75
	SECOND ELECTIVE (Select any one)	Project Presentation on the Problem of Indian Economy	5	P	50	50
		Project Presentation on Unemployment Problem of Labour	5	P	50	50
SEMESTER II (YEAR I)						
	CORE	Advanced Economic Theory	5	T	25	75
	CORE	Indian Economy : Industrial and External Sector	5	T	25	75
	CORE	Quantitative Methods	5	T	25	75
	THIRD ELECTIVE (Select any one)	Industrial Economics	5	T	25	75
		Environmental Economics	5	T	25	75
	FOURTH ELECTIVE (Select any one)	Project Presentation on Indian M.S.M.E.	5	P	50	50
		Field visit	5	P	50	50
SEMESTER III (YEAR II)						
	CORE	Monetary Economics	5	T	25	75
	CORE	International Economics	5	T	25	75
	CORE	Economics of Growth & Development	5	T	25	75

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	FIFTH ELECTIVE (Select any one)	Agriculture Economics	5	T	25	75
		History of Economic Thoughts	5	T	25	75
	SIXTH ELECTIVE (Select any one)	Project Presentation on Indian Foreign Trade and It's challenges	5	P	50	50
		Project Presentation on Economic Policy of Rural Development	5	P	50	50
SEMESTER IV (YEAR II)						
	CORE	Macro Economic Analysis	5	T	25	75
	CORE	Public Economics	5	T	25	75
	SEVENTH ELECTIVE (Select any one)	Modern International Economics	5	T	25	75
		Demography	5	T	25	75
	RESEARCH PROJECT/ DISSERTATION	Dissertation	10	P	50	50

NOTE:

1. **Do not mark any Code/Information in Column-A, it will be indorsed by the University.**
2. **T/P**in Column-Estands for **Theory/Practical**.
3. **CIE**in Column-Fstands for **'Continuous Internal Evaluation'** and depicts the maximum internal marks. Respective examination will be conducted by subject teacher.
4. **ETE**in Column-Gstands for **'External Evaluation'** and depicts the maximum external marks. Respective Examination will be conducted by the University.
5. Column-B defines the nature of course/paper. The word **CORE** herein stands for **Compulsory Subject Paper**.
6. Column-D depicts the credits assigned for the corresponding course/paper.
7. **First Elective:** It will be a Subject Elective. Students may select one of the two subject papers under this category.
8. **Second Elective:**It willdesignate a Practical Paper or equivalently a Field Visit orProject Presentation. In case of Field Visit, student is required to submit a detailed report of the visit for the purpose of evaluation. The report should include the observational features and benefits of the visit.In case of Project Presentation, the student may be assigned to go for a survey/practical or theoretical project/assignment or seminar with presentation.
9. **Third Elective:**It will be a Generic Elective. The student may study or receive training of the any subject of his interest (depends on the availability in his institution of enrollment). The Generic elective paper will be evaluated in two parts, first part (50 marks) would be a continuous internal evaluation (03 tests 20+20+10 marks) whereas the examination and evaluation of the second part (50 marks) would be arranged by the college itself (01 exam).
10. **Fourth Elective:**It will accommodate a practical paper or Industrial Training orProject Presentation. In case of Industrial Training, student may be allowed for the summer training and is required to submit a detailed training report including training certificate for the evaluation.
11. **Fifth Elective:**It will be a Subject Elective. Students may select one of the two subject papers under this category.
12. **Sixth Elective:**It will be a Practical Paper or equivalently aProject Presentation based on Survey/ Seminar/ Assignment. In case of Project Presentation, student has to submit an exhaustive report on respective topic and to face an open presentation for the evaluation.
13. **Seventh Elective:**It will be either Subject Elective or Practical Elective.
14. There will be a Major Research Project or equivalently aresearch-oriented Dissertationin Semester-IV. The student straight away will be awarded 05 credits if he publishes a research paper on the topic of Research Project or Dissertation.
15. Methodology for the practical examination and examiner appointment will be governedby theClause-13 of the NEP Guideline of RMLAU dated 27-06-2022 except the marks distribution for continuous internal evaluation and external evaluation.
16. The Hon'ble conveners may take flexibility to rearrange the credits of the papers as 4/5/6 as per need, but within the limit of 25 credits assigned for each semester.

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M.A.(Economics)

Semester I (Year I)

Core Paper-I

Micro Economic Analysis

Module-1 <u>Basic Economic Problem</u> - Choice and Scarcity; Deductive and Inductive Methods of Analysis; Elasticities (Price, Income and Cross) of Demand- Theoretical Aspects and Empirical Estimation; Estimation; Elasticity of supply.

Module-2 <u>Consumer's Behaviour</u>:- Cardinal Utility Analysis; Indifference Curve Analysis; Consumer's Surplus (Marshall and Hick's View) ; Revealed Preference Theory.

Module: 3- <u>Theory of Production</u>: Production Function; Short-run and long-run Production Function, Cobb- Douglas Production Function; Iso-Product Curve, Producer's Equilibrium; Returns to Scale

Module:4- <u>Theory of Pricing</u>: Perfect Competition; Monopoly; Monopolistic competition and Oligopoly.

<u>Basic Reading List:</u>

1. Koutsoyiannis, A.; Modern Microeconomics, Macmillan press, London.
2. Das, S.P.: Microeconomics for Business, Sage Publication, New Delhi.
3. व्यष्टि अर्थशास्त्र – प्रो० एस० एन० लाल, शिवम पाब्लशर्स, इलाहाबाद।
4. व्यष्टि आर्थिक विश्लेषण– डॉ० अनुपम अग्रवाल, SBPD, Agra.
5. माइक्रो अर्थशास्त्र – डॉ० एम० एल० सेठ, laxmi Narain pub, Agra.
6. Sen, A.: Micro Economics: Theory and Application, Oxford University Press, New Delhi.

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M.A.(Economics)
Semester I (Year I)
Core Paper-II
Problems of Indian Economy : Basic Issues

Module:1- Structure and Basic factures of Indian Economy; Changes in Economy in Planning Period; Demographic structure, features and Population Policy; Occupational Distribution; Rural-Urban Migration.

Module:2- National Income: Trends, Compositions and Structural Change; Income Distribution and Income Inequality, Regional Disparities.

Module:3- Poverty in India: Concepts, Absolute and Relative Poverty, Analysis of Poverty in India, Poverty Alleviation Programmes; Poverty and Unemployment.

Module:4- Agriculture Sector: Role of Agriculture, Interrelationship between Agriculture and Industry, Growth of Indian Agriculture. Institutional Aspects - Land Reform, Technological change in Agriculture, Agriculture price Policy in India, Agriculture Finance, Agriculture Marketing.

<u>Basic Reading list</u> :-

1- Dutt R. and Sundhram, KPM: Indian Economy, S. Chand & Co. Ltd

2- Agrawal, A.N.: Indian Economy, New Edge, New Delhi.

3- Mishra, S.K. and Puri, V.K. : Indian Economy, Himalayan Pub. Mumbai.

4- Dandekar, V.M. and Rath, N. : Poverty of India.

5- Kapila, Uma., Indian Economy: Since Independence.

6- Parikh, K.S., India Development Report- 1999-2000, Oxford University Press.

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M.A.(Economics)
Semester I (Year I)
Core Paper-III
Statistical Methods

Module-1 Nature and scope of statistics. Collection of data Classification and Tabulation of data, Diagrammatic and graphic representation of data.

Module-2 Measures of Central tendency - Mean Median, Mode, Harmonic Mean and Geometric Mean relative efficacy

Module-3 Measures of Dispersion: Range, Quartile Deviation, Mean deviation, Standard deviation and its coefficient, Skewness and kurtosis Moment up to fourth order.

Module-4 Index Number: Concept and importance of index number, chain base and fixed base index number, Simple and Weighted index number, Fisher's Index number, Tests for an ideal index number, concept and Component of time series.

Basic Reading list :-

1. गुप्ता के.एल., प्रारम्भिक सांख्यिकी, नवयुग साहित्य सदन आगरा।
2. सिंह एस०पी०, सांख्यिकी : सिद्धान्त एवं व्यवहार, एस0 चन्द एण्ड क0 नई दिल्ली।

3- Elhans D.N; Elements of Statistics.

4- गुप्ता वी0एन0 सांख्यिकी ; साहित्य भवन आगरा।

5- नागर, कैलाशनाथ सांख्यिकी के मूल तत्व, मीनाक्षी प्रकाशन मेरठ।

6- Monga, G.S.: Statistics

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M.A.(Economics)
Semester I (Year I)
First 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, Northrop, Rewen, Readings in Labour Economics.

2- Brown, Phelps, Economics of Labour.

3- Giri, V.V., Labour in Indian Industry.

4- Singh, R.R., Labour Economics.

5- Saxena S.C., Labour Problems and Social Security.

6- Sinha V.C., Labour Economics.

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

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M.A.(Economics)
Semester I (Year I)
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 examiners appointed by the university.

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M.A.(Economics)
Semester II (Year I)
Core Paper-I
Advanced Economic Theory

Module-1	Equilibrium Analysis: Types of Equilibrium; General and Partial Equilibrium; Stability of Equilibrium; Cobweb Theorem.
Module-2	Criticism of Neo-classical Theory of firm. Alternative Theory of firm- Baumol, Williamson, Marris models, Bain's Limit Pricing Theory.
Module-3	Theory of Distribution: Theory of Factor Pricing; classical and Modern Theories of Rent; Quasi-Rant; Modern Theory of Interest (IS-LM Model); Adding-up Problem. Theory of Profit - Knight and Shackles.
Module-4	Welfare Economics: Pareto Optimal conditions; Kaldor- Hicks Compensation Principles; Scitovsky's Double Criteria; Bergson's Social Welfare function and Arrow's Possibility Theorem.

Basic Reading List –

1- H.L. Ahuja: Advanced Economic Theory, S. Chand & Comp. New Delhi.

2- Mishra & Puri : Advanced Economic Theory, Himalyan Publication New Delhi.

3- Koutsoyiancius, A.: Modern Micro Economics, Macmillan.

4- Stonier, A.W. and D.C. Hauge, A Textbook of Economic Theory, ELBS & Longman Group, London.

5- Lipsey, R.G. and Chrystal, K.A.: Principles of Economics Oxford Univ. Press.

6- Gould and Ferguson, Micro Economic Theory

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M.A.(Economics)
Semester II (Year I)
Core Paper-II
Indian Economy: Industrial & External Sector

Module-1	Industrial Sector: Growth and Structure of Indian Industries; Industrial Productivity-Measurement and Trends; Industrial Policy in India; Policies towards public Sector Enterprises- Privatisation and Disinvestment Issue.
Module-2	Cottage and Small Scale Industries: Policies towards Cottage and small-scale Industries: 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 Dutt, R. and Sundhram, KPM: Indian Economy, S.Chand & Co.

2 Kapila, Uma: Indian Economy (Since Independence)

3 Jalan,B: The Indian Economy: Problem and Prospects, Viking, N.Delhi.

4 Ahluwalia, I.J. and Little, I.M.D.- India's Economic Reforms & development, Dxford Uni. Press. N.Delhi.

5 Dandekar, V.M. and N. Rath, Poverty of India

6 Agarwal, A.N., Indian Economy, Himalaya Publishing House, Mumbai.

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M.A.(Economics)
Semester II (Year I)
Core Paper-III
Quantitative Methods

Module-1 Correlation Analysis: Concept and Types of Correlation, degree of Correlation. Karl Pearson's Correlation and Spearman's Rank Correlation coefficient, Partial and multiple Correlation.

Module 2 Regression Analysis: Concept and functions of Regression lines, Regression Equations, Regression coefficient, Regression equations by Repression coefficient Method, Regression equations by least square method, Standard error of the estimate, Ratio of variation.

Module 3 Interpolation & extrapolation: Concept and Assumptions of interpolation and extrapolation, Direct Binomial Expansion method, Newton's method of Advancing Differences, Lagrange's mothed of interpolation and extrapolation.

Module 4 Concept, origin and development of Probability, Permutations and Combinations Rules of Probability : Addition & multiplication Theorem, conditional probability, Bernaulli's theorem, inverse probability, Binomial, Poisson and Normal Distribution.

Basic Reading List:-

1- गुप्ता के0एल0, अग्रवाल रविकान्त एवं जैन परवीन : परिमाणात्मक विधियाँ ; नवनीत प्रकाशन गृह आगरा।

2- गुप्ता के0एल0 एवं गुप्ता हरिओम : परिमाणात्मक तकनीकें; नवयुग साहित्य सदन आगरा।

3- शुक्ल एस0एम0 एवं सहाय शिवपूजन : परिमाणात्मक पद्धतियाँ; साहित्य भवन पब्लिकेशन, आगरा।

4- नागर कैलाशनाथ एवं मित्तल एस0एन0 : सांख्यिकी के मूल तत्व, मीनाक्षी प्रकाशन, मेरठ।

5- Elhance, D.N. : Statstical Theory.

6- Monga, G.S. : Statistics.

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M.A.(Economics)

Semester II (Year I)

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.

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- Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.

4- Desai, B. (1999), Industrial Economics in India (3rd Edition), Himalaya Publishing House, Mumbai.

5- Divine, P.J. and R.M. Jones et al. (1976), An Introduction to Industrial Economics, George, Allen and Unwin Ltd., London.

6- Government of India, Economic Survey (Annual).

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M.A.(Economics)
Semester II (Year I)
Third Elective Paper
Environmental Economics

Module-1	Environmental Economics - Meaning and scope, Environment and Economy: Neo-Classical and Ecological Economic Prospective, 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 Law 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 Prospectives, Sustainable Development : Concept, Rules, Approaches to Sustain ability and Indicators. Common Property Resources : Problem of Management, Issue of Climate Change.

Basic Reading List:-

1- Ehrlich, P_2A. Ehrlich and T. Hiden. Economics, populati on, Resources, Environment, W. H. Freeman, Sam Franciso.

2- R. N. Bhattacharya: Environmental Economics, Air India Perspective, Oxford University Press.

3- मामा माहेश्वरी : पर्यावरण अर्थशास्त्र– एक भारतीय परिपेक्ष्य आनन्द पब्लिकेशन, नई दिल्ली।

4- Erach Bharucha: Environmental Studies, Orient Longman.

5- Thomas & Callan : Environmental Economics.

6- Ahmad, M. Hussen: Principl of Environmental Economics, Pouledge & Tylor & Francis Group.

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M.A.(Economics)

Semester II (Year I)

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 examiners appointed by the university.

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M.A.(Economics)
Semester III (Year II)
Core Paper-I
Monetary Economics

Module-1 Concept and function 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 keyness. 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 Concept of Trade cycle.

Basic Reading List:-

1- Gupta Suraj Bhan : Monetary Economics.

2. Jhingan M.L. मौद्रिक अर्थशास्त्र, वृन्दा पब्लिकेशन प्रा0 लिमिटेड, दिल्ली।

3- Sinha V.C. : मौद्रिक अर्थशास्त्र, लोक भारती प्रकाशन, इलाहाबाद।

4- T.T. Sethi : मौद्रिक अर्थशास्त्र, लक्ष्मी नारायण अग्रवाल, आगरा।

5- G.C. Singhai : मौद्रिक अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा।

6- Srivastava Narendra Nath : मौद्रिक अर्थशास्त्र, उत्तर प्रदेश हिन्दी संस्थान, लखनऊ।

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M.A.(Economics)
Semester III (Year II)
Core Paper-II
International Trade

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 CommModuley Indifference Curve and Trade Indifference Curve, Equilibrium through Box Diagramme.
Module-3	Terms of Trade: Concepts, Measurements and Trends in Terms of Trade; Gains from Trade; Trade as Engine of Economic Growth- Alternative View; 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 protection; Theory of Interventations: Tariff and Quotas; Effects of Tariff under partial and general Equilibrium; Dumping and most favoured Nations Clause.

<u>Basic Reading List:-</u>

1- के0सी0 राना एवं के0एन0 वर्मा : अन्तर्राष्ट्रीय अर्थशास्त्र– विशाल पब्लिकेशन हाउस, जालन्धर, पंजाब।

2- Mannur, H.G.: International Economics, Vikas Pub. House N. Delhi.

3- Jhingan, M.L. : Int. Economics; Vrinda Publication, Agra.

4- M.C. Vaish & Sudama Singh : International Economics, Oxford and IBH Pub. N. Delhi.

5- Soderson, B : International Economics, Mac Millan Press Ltd. Londan.

6- Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.

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M.A.(Economics)
Semester III (Year II)
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 classical 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- Kahkonon, S. and M. Olson (2000), A New Institutional Approach to Economic

5- Jhingan M.L., Economic Development.

6- Kindleberger, C.P. (1977), Economic Development, McGraw Hill, New York.

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M.A.(Economics)
Semester III (Year II)
Fifth Elecctive 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, NBI.

2- Black, J.D.: Introduction of Economics for Agriculture, Macmillan.

3- Dandwala, M.L.: Indian Agricultural Development Since Independence, Oxford &IBH, N. Delhi.

4- Dash, Mrityunjay: Agricultural Economics, Anmol Prakarshan.

5- Sony, R.N., Leading Issues in Agriculture Economics.

6- Mishra, Jai Prakash, Agiculture Economics, Sahitya Bhavan Publication, Agra,2006

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M.A.(Economics)
Semester III (Year II)
Fifth Elective Paper
History of Economic Thoughts

Module-1	Pre-classical Thought: Mercantilism, Physiocrats, classical Thoughts, Adam Smith, David Ricardo, Malthus, J.S. Mill.
Module-2	The Socialists: Sismondi, St. Simon, Karl Marx, Associationism – Robert Owen, The Historical School.
Module-3	Neo classical: A. Marshall, J.M. Keynes, The Nationalists: Friedrick List, The Austrian school: Vonwieser Bohm Bawerk.
Module-4	Indian Economic Thought: Kautilya, Dada Bhai Naorogi, M.G. Ranade, Gandhi, J.K. Mehta, B.R. Ambedkar.

<u>Basic Reading List:-</u>

1- Schumpeter, J.A.- History of Economic and Analysis.

2- Verma N.M.P.- Economics Thought of Ambedkar.

3- Grey, A.- History of Economic Doctrine.

4- Haney- History of Economic Thought.

5- Datta, B.- Indian Economic Thought Vol. I

6- Hazela- A History of Economic Thought.

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M.A.(Economics)
Semester III (Year II)
Six 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 examiners appointed by the university.

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M.A.(Economics)
Semester IV (Year II)
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 accelerator, 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- Srivastwa N.N.; New Dimensions in monetary theorry Print House India, Luck now.

2- सिंघई, जी0सी0 एवं मिश्रा, जे0पी0; समष्टि आर्थिक विश्लेषण, साहित्य भवन पब्लिकेशन, आगरा।

3- झिंगन, एम0एल0; समष्टि अर्थशास्त्र, वृंदा प्रकाशन, आगरा।

4- Sinha V.C.; Monetary Economics.

5- Gupta Suraj Bhan; Monetary Economics.

6- Dornbasch, R. and F. Stanley Macroeconomic, McGraw Hill. Inc. New York.

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M.A.(Economics)
Semester IV (Year II)
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 theories, Goods and service tax.
Module-4	Public debt : classical view, sources of public debt, types, 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. Buchanan, J.M., The Public Finance, Riohard D. Irwing, Homewood.
2. Goode, R. Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
3. Jha, R. Modern Public Economics, London.
4. Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill, Tokyo.
5. Government of India, Long Term Fiscal Policy.
6. Bhargva, P.K.,Centre State Resources Transfers in India, The Academic Press, Gurgaon.

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M.A.(Economics)

Semester IV (Year II)

Seventh Elective Paper

Modern International Economics

Module-1	Factor Proportion Theory: H-0 Theorem; factor Price Equalisation; Leontief Paradox; Stopler- Samuelson Theorem, Rybezynski Theorem;
Module-2	Economic Integration: The Theory of Customs Union; Effects of Customs Union-Static and Dynamic effects; Lipsey Model; 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.
Module-4	Balance payment: Meaning, Structure, Equilibrium and Disequilibrium; Adjustment Mechanism of Balance of payments; Devaluation and Absorption Approach for Adjustment in B.O.P.

<u>Basic Reading List:-</u>

1- Salvatore, D.: International Economics, Prentic Hall N. Delhi.

2- Krugman, P.R. and M. Obstfeld: International Economics: Theory and Policy

3- Sodersten, Bi International Economics.

4- Mithani, D.M.: International Economics.

5- Manner, H.G.: International Economics. Vikas Pub. House N. Delhi.

6- Rana, K. C. and Verma, K.N., अन्तर्राष्ट्रीय अर्थशास्त्र, विशाल पब्लिकेशन हाउस, जालन्धर।

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M.A.(Economics)
Semester IV (Year II)
Seventh Elective Paper
Demography

Module-1 Demographic Analysis : Definitions, concepts, Subject matter, Importance and Tools. Demographic Data Nature, Scope and Sources. Census, Measurement of Population Growth, Structure of Papulation, 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 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.M.: India's Population Problem, Tata McGraw-Hill Co. Bombay.

2- Bose, A: India's Basic Demographic statistics, B.R. Pub - Crops N. Delhi.

3- Sinha, V.C. : Principles of Demographic Mayur Paperbacks, Noida.

4- Srinivasan, K: Basic Demographic Techniques and Application, Sage Pub. N. Delhi.

5- Bogue, D.J. (1971), Principal of Demography, John Welly, New York.

6- Gulati, S.C.(1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.

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M.A.(Economics)
Semester IV (Year II)
Research Project/ Dissertation

Dissertation

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

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