



**MAHARAJA SURAJMAL BRIJ UNIVERSITY,
BHARATPUR**

M.A. -Economics

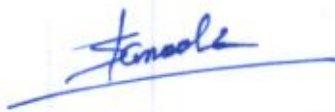
SYLLABUS

(SEMESTER SCHEME)

I & II Semester 2024-2025

III & IV Semester 2025-2026


Dr. Farbat Singh
Asstt. Registrar
Acad.I


Sanid Kumar Baisra

MAHARAJA SURAJMAL BRIJ UNIVERSITY

M.A. -Economics

Scheme of Examination

Courses for Semester – I

Compulsory Core Courses (CCC)

Paper I (MAE101) – Micro Economics Theory-I

Paper II (MAE102)- Macro Economic Theory-I

Paper III (MAE103)- Mathematical Methods for Economics

Paper IV (MAE104)- History of Economic thought

Paper V (MAE105)- Public Economics - I

Elective Core Courses (ECC)

The candidates are required to select any one elective courses from the following

Paper (MAE A01) – Agricultural Economics

Paper (MAE A02) – Demography


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Courses for Semester – II

Compulsory Core Courses (CCC)

Paper VI (MAE201) – Microeconomics Theory-II

Paper VII (MAE202)- Microeconomic Theory-II

Paper VIII(MAE203)- Statistical Methods

Paper IX (MAE204)- Economy Research Methodology and Data Base of the Indian

Paper X (MAE205)- Public Economics-II

Elective Core Courses (ECC)

The candidates is requires to select any one elective courses from the following

Paper (MAE B01)- Indian banking System

Paper (MAE B02) -Agriculture Economics


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Session 2024-2025

Curriculum Structure

Name of programme: Master of Economics

Semester : Ist

year:First

First semester

Course Code	Course Title	Contact Hrs per week			Credits	Semester : 1st Weightage(%)		
		L	T	P		CWS	MTE	ETE
Compulsory Core Courses (CCC)								
Paper I (MAE101)	Microeconomics Theory-I	4	0	0	4	10	20	70
Paper II (MAE102)	Macroeconomics Theory-I	4	0	0	4	10	20	70
Paper III (MAE103)	Mathematical Methods for Economics	4	0	0	4	10	20	70
Paper IV (MAE104)	History of Economics Thought	4	0	0	4	10	20	70
Paper V (MAE105)	Public Economics - I	4	0	0	4	10	20	70
Elective Core Courses (ECC)								
Paper (MAE A01)	Agriculture Economics	4	0	0	4	10	20	70
Paper (MAE A02)	Demography	4	0	0	4	10	20	70
Value Added Courses(VAC)								
---	---	2	0	0	2	15	35	50
Seminar/Internship/Apprenticeship/project/community outreach(S/I/A/P/C)								
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					26			
	TOTAL							

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Summary: Ist Semester		Credits
S.N.	Particulars	
1.	Compulsory Core Courses (CCC)	20
2.	Elective Core Courses (ECC)	04
3.	Value Added Courses(VAC)	02
4.	Seminar/Internship/Apprenticeship/project/community outreach(S/I/A/P/C)	00
TOTAL		26
\$CW (Class work) it would include attendance , class test/quiz/assignment/ppt/learn by fun activities etc.		


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Session 2024-2025

Curriculum Structure

Name of programme: Master of Economics

Semester : IIInd

year:First

Second semester

Course Code	Course Title	Contact Hrs per week			Credits	Weightage (%)		
		L	T	P		CWS	MTE	ETE
Compulsory Core Courses (CCC)								
Paper VI (MAE201)	Microeconomics Theory-II	4	0	0	4	10	20	70
Paper VII (MAE202)	Macroeconomics Theory-II	4	0	0	4	10	20	70
Paper VIII (MAE203)	Statistical Methods	4	0	0	4	10	20	70
Paper IX (MAE204)	Economy Research Methodology and Data Base of the Indian	4	0	0	4	10	20	70
Paper X (MAE205)	Public Economics -II	4	0	0	4	10	20	70
Elective Core Courses (ECC)								
Paper (MAE B01)	Indian banking System	4	0	0	4	10	20	70
Paper (MAE B02)	Industrial Economics	4	0	0	4	10	20	70
Value Added Courses(VAC)								
---	---	2	0	0	2	15	35	50
Seminar/Internship/Apprenticeship/project/community outreach(S/I/A/P/C)								
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TOTAL					26			

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Summary: IInd Semester		Credits
S.N.	Particulars	
1.	Compulsory Core Courses (CCC)	20
2.	Elective Core Courses (ECC)	04
3.	Value Added Courses(VAC)	02
4.	Seminar/Internship/Apprenticeship/project/community outreach(S/I/A/P/C)	00
TOTAL		26
SCW (Class work) it would include attendance, class test/quiz/assignment/ppt/learn by fun activities etc.		


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DETAILED SYLLABUS FOR EACH COURSE

SEMESTER I

Paper I

(MAE 101): Microeconomics Theory -1

UNIT-I

(15Hrs)

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

UNIT-II

(15Hrs)

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

UNIT-III

(15Hrs)

Cost Concepts: Cost Curves- Short Run & Long Run Curves, L-Shaped Long Run Cost Curves, Concept of Revenue, Revenue Curves-TR, AR, MR and their Relationship, Break-Even Analysis. Theory of Supply- Law of Supply and Elasticity of Supply.

UNIT IV

(15Hrs)

Market Structures: Price and Output Determination under Perfect Competition- Short run & long Run Analysis Price & output Determination, under Monopoly- Short run & long Run Analysis, Price Discrimination under Monopoly, Regulation and Control. Monopolistic Competition- General and Chamberlin Approach to Equilibrium, Selling Costs, Excess Capacity


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Books Recommended: -

- Ahuja, H.L. (Latest Addition), Advanced Economic Theory, Sultan Chand and Company, New Delhi (Hindi and English Versions)
 - Misra and Puri. (Latest Addition), Advanced Economic Theory, Himalaya Publishing Company, Bombay (Hindi and English Versions).
 - Barla, C.S. (Latest Addition), Advanced Micro Economics, National Publishing House, Jaipur, New Delhi (Hindi and English Versions).
 - Jhingan, M.L. (Latest Addition), Advance Economic Theory, Vrinda Publication, New Delhi (Hindi and English Versions).
 - Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
 - Mankiw, G. (2010), Principles of Microeconomics, 6th ed., South-Western College Publication, USA.
 - Salvatore D. (2006), Microeconomics-Theory and Applications, Oxford University Press
 - Salvatore D, (2002) Theory and Problems of Microeconomic Theory, Schaum's Outline Series, McGraw-Hill Book Company, Singapore.
- Reference Books

Reference Books

- Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton
- Varian, H. (2003), Intermediate Microeconomics, East-West Press. Additional
- 1 ➤ Karl E. Case and Ray C. Fair, (2007), Principles of Economics, 8th Ed., Pearson Education Inc.


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Paper-II

(MAE 102): Macroeconomic Theory -1

UNIT - I

(12Hrs)

National Income – Concepts, Measurement and problem in measurement of National Income. Circular flow of Income in two, three and four sector Economy, Different forms of National Income Accounting – Social Accounting, Green Accounting.

UNIT – II

(12Hrs)

Determination of Output and Employment- The Classical and Keynesian theory of Income and Employment. Introduction to AS-AD model- Classical and Keynesian view on AS-AD model. Shift in AD and AS curve, short run and long run AD and AS curve. Macroeconomic Equilibrium with AS-AD model (short run and long run).

UNIT-III

(14Hrs)

Consumption: Consumption Function- Meaning and basic concepts, Keynes' Psychological Law of Consumption. Theories of consumption- Absolute Income Hypothesis, Relative Income Hypothesis, Life Cycle Hypothesis and Permanent Income Hypothesis.

Multiplier: Keynes Investment Multiplier, Concept of Dynamic Multiplier, Classical, Keynesian, and Post Keynesian Theories of Demand for Balanced Budget Multiplier.

UNIT-IV

(10Hrs)

Investment – Meaning, types of investment, Marginal Efficiency of Capital.


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Theories of Investment- The Accelerator theory of Investment, Dusenberry Financial theory of Investment, Jorgenson Neo-Classical theory of Investment. Tobin's Q Theory of Investment.

UNIT-V

(12Hrs)

Supply side economics- Basic Proposition

New Classical Macroeconomics: Efficient market hypothesis; Rational Expectation Model- Anticipated and Unanticipated shocks, Policy irrelevance. New Keynesian Economics: The Mankiw model; Policy Implications of New Keynesian Economics.

Text Books

- Ackley, G. (1978) – Macroeconomics: Theory and Policy, McMillan, New York.
- Branson, W.A. (1989) Macroeconomic Theory and Policy, (3rd Edition) Harper and Row, New Delhi.
- Dornbusch, Fischer, Startz-Macroeconomics, The McGraw Hill Company Ltd., New York.
- H.L. Ahuja –Advanced Macro Economic Theory, S Chand and Co. New Delhi
- Shapiro, E. (1996) – Macroeconomic Analysis, Galgotia Publications, New Delhi.
- M.L. Jhingan- Macro Economic Theory, Vrinda publication, New Delhi ➤ Romar, D. L. (1996) – Advanced Macroeconomics, McGraw Hill Company, Ltd., New York.
- Mithani, D.M. – Macroeconomics, Himalaya Publishing Company, New Delhi.


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Reference Books

- Bernhard Felderer and Stefan Homburg, "Macroeconomics and New Macroeconomics", 1992, Springer Verlag.
- Brian Snowdon and Howard R. Vane, Modern Macroeconomics-Its origins, Development and Current State. Edward Elgar Publishing.
- Patinkin, D. (1965) – Money, Interest and Prices. Haper and Row, New York.
- Culbertson, J. M. (1968) – Macroeconomic Theory and Stabilization Policy, McGraw Hill, Kogenkoshi, Tokyo.
- Friedman, M. (1957) – The Theory of Consumption Function, Princeton University Press, Princeton


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Paper III

(MAE 103): Mathematical Methods for Economics

UNIT-I

(20Hrs)

Concept of a Function: Limit, Continuity and Differentiability of a Real

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

UNIT -II

(20Hrs)

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

UNIT-III

(20Hrs)

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

Books Recommended:

1. R.G, D. Allen: Mathematical Analysis for Economics, Macmillan, London.
2. Edward T. Dowling: Mathematics for Economics, Schanum's Outline series, McGraw- hill Book Co., New Delhi.
3. Laxmi Narain Nathuramka: Arthshastra Mein GanitkePrayog (Hindi) Ramesh Book Depot. Jaipur
4. B.C Mehta and G.M.K Madnani: Mathematics for Economists, Sultan Chand & sons, New Delhi.


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Paper IV

(MAE104): History of Economic Thought

UNIT-I

(12Hrs)

Introduction- Subject Matter and Importance, Ancient Economic Thought, Medieval Economic Thought, Mercantilism and Physiocracy.

UNIT -II

(12Hrs)

Classical Economic Thought- Adam Smith, David Ricardo Socialist Economic Thought- Karl Marx.

UNIT- -III

(12Hrs)

Neo-Classical Thought- Alfred Marshall, John Maynard Keynes

Modern Economic Thought- Schumpeter, Leonal Robbins & J. R. Hicks.

UNIT-IV

(12Hrs)

Ancient Indian Economic Thought- Economic Ideas in Ancient India before Kautilya, Kautilya's Arthashastra

UNIT-V

(12Hrs)

Modern Indian Economic Thought- Mahadev Govind Ranade, Gopal Krishna Gokhle, Mahatma Gandhi, Pt. Deen Dayal Upadhyay, Dattopant Thengadi.

- H. Haney: A History of Economic Thought.
- Eric Roll: A History of Economic Thought.
- Lionel Robbins: A History of Economic Thought.
- S.K. Srivastava: A History of Economic Thought
- H.L. Bhatia: A History of Economic Thought.
- V. C. Sinha: आर्थिक विचारों का इतिहास।


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(MAE105): Public Economics-I

UNIT-I

(20 Hrs)

Nature and Scope of Public Finance. Public Finance and Private Finance, Economic, Analysis of Public policy, Role of Government in the Economic Activity- Allocation, Distribution and Stabilization Functions, Private, Public and Merit Goods. Theory of Externalities External Benefits and Cost Correction of Externalities, Principle of Maximum Social Advantage, Public Budgets-Kinds of Budgets, Optimal Budgeting, Balanced and Unbalanced Budgets - Deficit Financing, Performance and Programming Budgeting, Zero Base Budgeting.

UNIT-II

(20 Hrs)

Public Expenditure Hypothesis and evaluation, Effects of Public Expenditure on Production and Distribution, Bowen, Lindhal and Samuelson's Models, Wagner's Law of Increasing State Activities, Weisman Peacock Hypothesis. Public Revenue-Canons of Taxation, Different Approaches to the Division of Tax Burden, Incidence and Effects of Taxation, Taxable Capacity, Justice in Taxation, Benefit & Ability to Pay Approaches. Theory of Optimal Taxation Equal Absolute, Equal Proportional, Equal-Marginal and least Aggregate Sacrifice Principles, Buoyancy and Elasticity of a Tax.

UNIT-III

(20 Hrs)

Direct and Indirect taxes Effects of Direct Tax on Production (viz. Labour Supply and Saving Rate) and Distribution, Effects of Indirect Tax on Production, Progressiveness of a Tax System and its Measurement, Shifting and Incidence of taxes under Monopoly and Perfect Competition.


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Books recommended:

- R.A. Musgrave and P.B. Musgrave Public Finance in Theory and practice, New York: McGrac-Hill.
- R.A. Musgrave: Theory of Public Finance, McGraw-Hill.
- S. Ganguli: Public Finance. The World Press Private Limited.
- John Callis and Phillip Jones, Public Finance and Public Choice, Oxford University Press.
- Harvey Rosen, Public Finance, McGraw Hill Publications.
- David N. Hyman, Public Finance A Contemporary Applications of Theory to Policy, Thomoson South Western.
- R.K. Lekhi, Public Finance, Kalyani Publishers.


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Elective Paper

(MAE A01) Agricultural economics

UNIT-I

(20Hrs)

Agriculture in growing economy, changing importance of agriculture; Subsistence/ traditional agriculture and its modernization; Interdependence between agriculture and industry Some empirical evidence: Institutional change and technological changes, Farming Systems traditional commercial, cooperative, collective and state farming; Production functions in agriculture, resource use efficiency

Farm Size and Production, relationship in Indian agriculture; farm Budgeting; Concept of cost; Supply of individual crops and aggregate supply; Supply price relationship

UNIT - II

(20Hrs)

Factors of production, Characteristics of factor markets; Inter-linkages between land, labour and capital markets; Traditional agriculture; Tenancy and crop sharing; Mobility of land and segmentation in labour markets; Role of capital and agricultural credit; Organized and Unorganized capital markets; Uncertainty and crop insurance; Agricultural markets and marketing efficiency

UNIT III

(20Hrs)

Behaviour of agricultural prices; Demand and supply of agricultural products and cobweb cycles; Prices and income stability; Market and Marketable surpluses; Role of Public, price and distribution policies; Stabilization and support policies; Terms of trade between agriculture and non-agriculture; Agricultural price policy in India Agricultural growth in India; Inter-regional variation in growth of output and productivity; Agricultural growth in Rajasthan; Cropping pattern changes in India Institutional changes Land Reforms, credit structure and marketing; Supply of inputs- Irrigation, power, seed fertilizer; Pricing of inputs; Problem of mobilization of resources from agriculture


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Books Recommended:

- E.D. Heady and J.L. Dillon: Agricultural Production Functions
- T.W. Shultz: Transforming Traditional Agriculture
- Pranab K. Bardhan; Land, Labour and Rural Poverty in India (Columbia University Press).
- Krishna Bhardwaj: Production and Conditions in Indian Agriculture (Cambridge University Press).
- C.H.H. Rao: Agricultural Production, Costs and Returns in India (Asia Publishing House)
- D.S. Tyagi and G.S. Bhalla: Agricultural Development in Indian


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Paper

(MAE A02): DEMOGRAPHY

UNIT- I

(20Hr)

Mortality Measures- Grade and Specific rates; Life tables; Factors affecting mortality; Mortality changes and population growth; Fertility measures - Crude and specific rates, gross and non-reproductive rates; Factors affecting fertility, study of fertility attitudes by special survey, mortality rate, fertility rate, reproductive rate and population growth in India. Composition of Population- Social economic composition; relationship of age, sex and Other compositional traits to economic and special organization; Composition of Population in India; Effect of birth death and migration rates upon population.

UNIT-II

(20Hrs)

Basic Principles of measurement of population growth- Estimates, Census, Vital registers and records of migration; Continuous Population registration; Methods of population presentation; Projection of population in India Economically active population- Basic concepts and definitions; Impact of demographic process on the composition and size of the labour force, occupation and industrial composition of work force in relation to regional and international differences in economic development; Female participation in workforce; A study of occupation, Composition and female participation in India; Concept of Human Development.

UNIT-III

(20Hrs)

Theories of demographic transition; Employment and Manpower planning its significance and problems; Measurement, Incidence and implications of unemployment and under employment with special reference to India Implication of population change for capital formation and employment in developing countries; Indian Census, family planning; NFH surveys (objectives and finding)

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Books Recommended:

- G.W. Barclay: Techniques of Population Analysis (John Wiley & Sons)
- D.K. Bogue: Principles of Demography
- Ccale and Hoover: Population Growth and Economic Development in Low Income Countries (Literary Licensing LLC)
- O.S. Srivastava: Arthik Evam Samajik Jananki shastra (Hindi) (Vivek Prakashan)
- Jeevan Chandra Pant: Jananki (Hindi)
- Mahboob-ul-Haq: Reflections in Human Development
- Human Development Report (Latest) (UNDP)
- National Family Health Survey 1 and 2


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SEMESTER -II

Paper VI

(MAE 201): Microeconomics Theory -II

UNIT -I

(20Hrs)

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

UNIT-II

(20Hrs)

Theory of Distribution: Neo-Classical Approach, Marginal Productivity Theory, Euler's Theorem. Technical Progress and Factor Shares.

Factor Pricing under Perfect and Imperfect Competition: Determination of Wages, Rent, Interest and profit, Macro Theories of Distribution- Ricardo, Marx, Kalecki and Kaldor's Models.

UNIT-III

(20Hrs)

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

Books Recommended:

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


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Paper VII

(MAE 202): Macroeconomic Theory-II

UNIT- I

(10Hrs)

Supply of Money: Measures and Determinants of money supply, High Powered Money and Money Multiplier. Monetary policy – Meaning, Objectives, Targets and Instrument. Latest Monetary policy. Budget Deficit and Money Supply.

UNIT -II

(14Hrs)

Quantity Theory of Money – Fisher's equation and Cambridge approach, Keynesian Restatement Quantity Theory of Money, Its superiority over Traditional Theory and its criticism. Post Keynesian approaches to Demand for Money – Patinkin Real Balance Effect, Approaches of Baumol and Tobin, Friedman Modern Quantity Theory.

UNIT-III

(12Hrs)

Neo-classical, Keynesian and Modern view of Interest, The IS-LM model – Derivation of LM curve and IS curve, Dynamic Disequilibrium: Explaining Fluctuations with the IS – LM Model; Extension of IS-LM model with government sectors, Relative Effectiveness of Monetary and fiscal policies.

UNIT-IV

(12Hrs)

Business Cycle Theories – Schumpeter, Kaldor, Samuelson, Goodwin and Hick's Theories. Real Business cycle theory. Measures to Control of Business Cycles. Indicators of Price Index- Wholesale Price Index, Industrial Price Index, Consumer Price Index.

UNIT-V

(12Hrs)

Inflation – Meaning, Types and Causes of Inflation; Classical, Keynesian and Monetarist approaches to inflation, Structuralist theory of inflation; Philips Curve Analysis - Short run and long run Philips curve; Tobin's modified Philips curve. Samuelson and Solow - the natural rate of unemployment hypothesis.; Non-Accelerating Inflation rate of Unemployment (NAIRU).

Books recommended:

- Chandeller, L.V. and Goldfeld, S. H.: The Economics of Money and Banking
- G. Crowther: An Outline of Money

Gurley and Shaw: Money in a Theory of Finance

- H.L. Ahuja –Advanced Macro Economic Theory, S Chand and Co. New Delhi.
- Sayers, R.S.: Modern Banking

- Gupta, S.B.: Monetary Economics: Institutions, Theory and Policy
- Gupta, S.B.: Monetary Planning for India

- M.L. Jhingan- Macro Economic Theory, Vrinda publication, New Delhi.

- Mitthani, D.M. – Money and Banking, Himalaya Publishing Company, New Delhi.

- Sethi, T.T. – Monetary Economics, Laxmi Narayan Agarwal, Agra.

- Sethi, M. L. – Money and Banking, Lakshmi Narayan Agrawal, Agra.

- Ojha, B.L. – Money Banking and Public Finance, Ramesh Book Depo, Jaipur.

Reference Books

- Melvin: International Money and Finance

- Ackley, G. (1978) – Macroeconomics: Theory and Policy, McMillan, New York.

- Patinkin, D. (1965) – Money, Interest and Prices, Harper and Row, New York.
- Tarapore S.S.: Issues in Financial Sector Reforms

- Stonier and Shapiro: Money and Banking


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Paper VIII

(MAE 203): Statistical Methods

UNIT – I

(22Hrs)

Measures of Central Tendency, Dispersion, Skewness, and Kurtosis, Measurement of Inequality Lorenz Curve and Gini Coefficient.

Correlation, Simple Regression and Interpretation of Multiple linear Regression Equation.

UNIT – II

(18Hrs)

Analysis of Time Series and Curve Fitting, Index Numbers.

Probability, Mathematical Expectation, Probability Distributions (Binomial, Poisson, and Normal)

UNIT – III

(20Hrs)

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

Book recommended:

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


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PAPER IX

(MAE204): Economy Research Methodology and Data Base of the Indian Data base of Indian Economy

UNIT-I

(15Hrs)

Meaning of research in economics: Types of research, Introduction to research philosophy. Research methodology, methods and techniques- differences among them, the logical framework of investigation, the nature of problem and appropriate methodology, macro-level vs. micro level research, problems in aggregation, methodology leading to methods and then techniques, analysis of historical records, participant or non-participant observation, mass observation, questionnaires: reliability and validity, personal interviews, group interviews, Triangulation, case studies, Data collection & Sampling, types of Sampling, Sampling Procedure, Choice of Sampling technique.

UNIT -II

(15Hrs)

Objectivity and Biases in research- Francis Bacon's ideals, ideological bias, wam-glow effect, embedding effect and strategic bias, information bias, *non-causa pro causa*, illegitimate generalization, unwarranted conclusion; Myrdal and objectivity in social research.

UNIT-III

(15Hrs)

Formulation of research problem- identification and operationalization of the problem, survey of literature, development of working hypotheses, preparation of research design, investigation in availability of information, sampling design, error minimization, evaluation of time and cost, collection of information, processing of collected information, hypothesis testing, interpretation and generalization, systematization of findings, writing of report, references and bibliography.


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UNIT- IV

(15Hrs)

Important Data Sources- National and International; Familiarity with different data base such as: Capital online, RBI-Hand Book of Statistics on Indian Economy, National Sample Survey Organization reports, Annual Survey of Industries, Census data – National Family and Health Survey (NFHS) reports. indiastat.com, NSSO, RBI Bulletin, Economic Survey etc. Accessing and using UNIT RECORDED DATA of the NSSO.

Compulsory Reading

- Don Ethridge, “Research Methodology in Applied Economics: Organizing, Planning and Conducting”
- Second Edition, Blackwell Publishing 2004.

Other References

- Johnson, Glenn Leroy Research methodology for economists: philosophy and practice, Macmillan; 1986. xx, 252 p.
- Greenlaw, S., Doing Economics: A Guide to Understanding and Carrying Out Economics Research, Houghton Mifflin
- Kagel, JH and Roth, AE (1995) The Handbook of Experimental Economics, Princeton University Press, Princeton.
- Kothari, CR (1995) Research Methodology: Methods and Techniques, Wishwa Prakashan (Wiley Eastern Ltd), New Delhi.


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Paper X

(MAE 205) : Public Economics - II

UNIT-I

(20 Hrs)

Public Debt-Sources, Effects, Burden and its Management, Loans and Saving as Sources of Finance for Development. Fiscal Policy, Neutral and Compensatory Fiscal Policy, Functional Finance; Fiscal Policy in Developing Countries, Fiscal Policy for Stabilization - Automatic and Discretionary Stabilizers. Built in Flexibility, Interdependence of Fiscal and Monetary Policies, Balanced Budget Multiplier, Anti-Inflationary Policy.

UNIT-II

(20 Hrs)

Indian Tax System Salient features, Major Taxes, Main Trends in the Revenue of the Central and State Governments in India, Non-Tax Revenue, Union Budget of India, Major Trends in Public Expenditure in India (growth and composition), Problem of Budget Deficit and FRBM Act. Pricing Policy in Public Enterprises, Disinvestment and Privatization of Public Enterprises in India, Internal and External Public Debt of India.

UNIT-III

(20 Hrs)

Fiscal Federalism - Theory and Problems, Problems of Centre State Financial Relations in India, Criteria for Resource Transfer from the Centre to States, Finance Commissions and Devolution of Resources to States, Recent Tax Reforms in India, recommendation of Raja J. Chelliah Committee and Kelkar Committee. Direct Tax Code and GST. State Finances of Rajasthan - Trend and Composition of Revenue and Expenditure.


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Books Recommended:

- R.A. Musgrave and P.B. Public Finance in Theory and practice, New York: McGraw- Hill.
- R.A. Musgrave: Theory of Public Finance McGraw-Hill
- S. Ganguli: Public Finance, The World Press Private Limited.
- John Callis and Phillip Jones, Public Finance and Public Choice, Oxford University Press,
- Harvey Rosen, Public Finance, McGraw Hill Publications.
- David N. Hyman, Public Finance A Contemporary Applications of Theory to Policy, Thomson South Western.
- R.K. Lekhi, Public Finance, Kalyani Publishers.
- Chellich and Kelkar Committee Reports.


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Elective Paper

(MAE B01): Indian Banking System

UNIT-I

(20Hrs)

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

Financial Sector Reforms- Context, need and objectives. Implementations of the Narsimha Committee recommendations. Issues in financial reforms

UNIT-II

(20Hrs)

Rural Banking Overall Structure and review of the contribution of major credit cooperatives, commercial banks and Regional Rural banks including NABARD.

Human Resource Development - Present and future HRD needs for bank employees in India, Recruitment, training and appraisal of bank employees. Khandelwal Committee Recommendations on Human resource in public sectors Bank.

UNIT-III

(20Hrs)

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


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Books Recommended:

- S.B. Gupta: Monetary Planning for India (Latest Ed.)
- K. Rao: Management of Commercial Banks.
- L.M. Bhole: Impacts of Monetary Policy.
- Harendra Badhav (ed.) Challenges to Indian Banking Competition. Globalization and Financial Markets. McMillan.
- N.S. Yher: Non-Performing Advances in Banks. Skylark, New Delhi.
- Report of the committee (Narsimham) on the Financial System Nov., 1991.
- Raghuram Rajan Committee Report on Financial Sector reforms, Planning Commission.
- LB.A Bulletin Annual Special Issues.
- RBI Report on trend and progress of Banking in Banking in India (latest edn.)
- Hanson and Kathuria (ed): A financial Secor for the 2.1" Century. press. Oxford. University
- Y.V Reddy Monetary and Financial Sector Reforms in India. UBSPD. New Delhi


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Paper

(MAE B02): INDUSTRIAL ECONOMICS

UNIT – I

(20Hrs)

Concept of Plant, firm, business house, industry and market; Business Organization in private and public corporate sectors; Strength and structure of Indian corporate sector; Public sector in India: rationale and performance

Industrialization and development; Backward and forward linkages; Independence of industrial sectors

Industrial sector in India; Alternative strategies for Industrialization; Capital goods v/s Consumer goods; Import substitution v/s Export promotion in newly industrial countries and their experience.

UNIT- II

(20Hrs)

Location of Industries: Theories and measures of location, Location of Industries in India; Industrial project, selection criterion; Industrial finance money and capital- markets, development banks. Industrial finance in India.

UNIT- III

(20Hrs)

Industrial growth in India, inter- regional variations in industrial Development; Industrial Policy in India; Small Scale Industries; Industrial Concentration and MRTTP

Act; Foreign Collaboration in technology imports; Industrial sickness; Policy making for Industrial growth, Effective study of the steel, cement, electronics and textiles industries; Industrial development in Rajasthan.


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Books Recommended:

- R.R. Barthwal: Industrial Economics: An Introductory Textbook (New Age International Pvt Ltd)
- S.C. Kuchchhal: Financial Management (Sultan Chand & Sons, New Delhi).
- Hay and Morris: Industrial Economics: Theory and Evidence (Oxford University Press).
- Isher J. Ahluwalia: Industrial growth in India: Stagnation since the mid-sixties (Oxford University Press).
- K.V. Sivayya and V.B.K. Das: Indian Industrial Economy
- Reference Books:
- W. Isard: Methods of Regional Analysis- An Introduction to Regional Science (Cambridge University Press).
- Chenery and Clark: Inter- Industry Economics (Willey Publication).
- M.A. Utton: Industrial Concentration (Penguin Books Ltd)
- J.S. Bain: Industrial Organization (John Wiley & Sons)
- J. Bhagwati and P. Desai: Indian Planning for Industrialization (Oxford University Press).
- Productivity trends in Cement industry in India, National Productivity Co.


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