



**M. C. E. Society's**

**ABEDA INAMDAR SENIOR COLLEGE**

**Of Arts, Science and Commerce ( Autonomous ), Camp, Pune - 1**

**Affiliated to Savitribai Phule Pune University, NAAC accredited 'A' Grade**

**DEPARTMENT OF ECONOMICS**

**PROPOSED FOR NEP - 2020**

SEMESTER - I		SEMESTER - II	
Course Code	Subjects	Course Code	Subjects
<b>Major Mandatory - 1</b>	Micro Economic Analysis - I	<b>Major Mandatory - 5</b>	Micro Economic Analysis - II
<b>Major Mandatory - 2</b>	Public Economics – I	<b>Major Mandatory - 6</b>	Public Economics – II
<b>Major Mandatory - 3</b>	International Trade	<b>Major Mandatory - 7</b>	International Finance
<b>Major Mandatory - 4</b>	Quantitative Techniques for Economics	<b>Major Mandatory - 8</b>	History of Economic Thought
<b>Elective - 1</b>	Indian Financial System	<b>Elective - 2</b>	Industrial Economics
	Money Market		Economics of Environment
<b>RM</b>	Research Methodology	<b>OJT / FP</b>	On Job Training / Field Project

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> Micro Economic Analysis - I	<b>Semester :</b> I
<b>Course Code :</b> 23AMEC11MM	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> MM ( Major Mandatory – 1 )	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To provide a thorough understanding of the principles of economics
<b>2.</b>	To enable students to apply micro economic concepts in various contexts.
<b>3.</b>	To enable understanding the basic theories in microeconomics such as demand theory, production theory, market structures.
<b>4.</b>	To discuss the modern developments in micro economics such as Modern Demand theories.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to apply the concepts of micro economics such as demand, supply, revenue, cost, elasticity, etc.
<b>2.</b>	Ability to analyze and demonstrate the knowledge of the basic theories / laws in economics - law of demand, law of supply, etc.
<b>3.</b>	Understanding the concept of demand & Supply and its application in analyzing consumer behavior
<b>4.</b>	Ability to apply the concepts of micro economics such as Cost Curves, etc & Mathematical Applications.
<b>5.</b>	Understand production and theories of production to handle business decisions.
<b>6.</b>	Ability to analyze and demonstrate the views of various economists about Welfare Economics

➤ SYLLABUS :

Unit No.	SYLLABUS	No. of Lectures
<b>Unit - I</b>	<b>Introduction and basic concepts</b>	<b>08</b>
	<p>1.1 The Basic Principles of Microeconomics.</p> <p>1.1 Meaning and basic concepts in Micro economics - Exogenous and endogenous variable, Optimization and equilibrium</p> <p>1.2 The Basic Principles of Microeconomics.</p>	
<b>Unit - II</b>	<b>Consumer Theory</b>	<b>15</b>
	<p>2.1 The Market forces of Demand and Supply</p> <p>2.2 The Theory of Consumer Choice: Preference Ordering, Marginal Utility Theory, Indifference Curve Approach, Income and Price Expansion Paths, Income and Substitution Effects: Slutsky and Hicksian Approach.</p> <p>2.3 Theory of Revealed Preference</p> <p>2.4 Concept of Total Revenue, Average Revenue and Marginal Revenue - Mathematical Applications;</p> <p>2.5 Concept of Elasticity : Price, Income and Cross Elasticity - Mathematical Applications</p> <p>2.6 Marshall's and Hick's Concept of Consumers' Surplus.</p>	
<b>Unit - III</b>	<b>Production Theory</b>	<b>15</b>
	<p>3.1 Production Function – One Input, Two Inputs: Isoquants. short run &amp; long run</p> <p>3.2 Law of Variable Proportions, Returns to the Variable Factor, Returns to Scale, Cobb- Douglas Production Function.</p> <p>3.3 Producer's Equilibrium with one and two inputs.</p> <p>3.4 Cost Curves, Total, Average and Marginal Cost, Short Run and Long Run Costs, U shaped and L shaped curve, Concept of Economic Cost, Mathematical Applications</p> <p>3.5 Derivation of Supply curve, Firm and Industry, Short and Long Run.</p> <p>3.6 Concept of Producers' Surplus</p>	
<b>Unit - IV</b>	<b>Introduction To Welfare Economics</b>	<b>12</b>
	<p>4.1 Concept of Social Welfare</p> <p>4.2 Pigou's Contribution to Welfare Economics</p> <p>4.3 Pareto Optimality; Product Exhaustion Theorem ( Euler's Theorem )</p> <p>4.4 Social Welfare Function, Compensation Criteria</p> <p>4.5 Amartya Sen- Social Choice and Welfare</p>	
<b>Unit - V</b>	<b>General Equilibrium</b>	<b>10</b>
	<p>5.1 Partial Equilibrium versus General Equilibrium analysis</p> <p>5.2 Absolute versus relative prices, perfectly competitive price and general equilibrium models.</p> <p>5.3 Edgeworth box - contract curve, Pareto improvement and efficiency</p> <p>5.4 General equilibrium of consumption and production</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	D. N. Dwivedi, 'Micro Economics' ( Latest Edition ), Pearson Publication, New Delhi.
<b>2.</b>	S.K. Misra and V.K. Puri, 'Advanced Microeconomic Theory', Himalaya Publishing House, New Delhi.
<b>3.</b>	D. Salvatore, 'Micro Economics', Oxford University Press.
<b>4.</b>	N.G. Mankiw, 'Principles of Economics', Thomson Asia Pvt. Ltd., Singapore.
<b>5.</b>	Arthur O'Sullivan, 'Micro Economics: Principles, Applications and Tools'( Latest Edition ), Pearson Publication.
<b>6.</b>	James Gerber, 'Microeconomics'( Latest Edition ), Pearson Publication New Delhi
<b>7.</b>	Pindyck, Robert S Rubinfeld, Daniel L, Mehta, Prem, 'Microeconomics' ( Latest Edition ), Pearson Publication New Delhi.
<b>8.</b>	A. Sen, 'Micro Economics: Theory and Applications'( Latest Edition ), Oxford University Press, New Delhi.
<b>9.</b>	G Stigler, 'Theory of Price' ( Latest Edition ), Prentice Hall of India, New Delhi.
<b>10.</b>	E. Mansfield, 'Micro Economics', W. W. Norton and Company, New York.

**RECOMMENDED JOURNALS :**

- 1) Studies in Micro Economics - Sage Journal
- 2) The Indian Economic Journal - Sage Journal
- 3) Applied Economics - Taylor & Francis Online

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title : Public Economics – I</b>	<b>Semester : I</b>
<b>Course Code : 23AMEC12MM</b>	<b>No. of Credits : 04</b>
<b>Nature of Course : MM ( Major Mandatory – 2 )</b>	<b>Total Teaching Hours : 60 Hrs</b>

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the changing role of the government and the fiscal functions of the modern governments.
<b>2.</b>	To discuss and deliberate on the concepts and theories in public economies like public policy, principles of taxation, theories of public expenditure, etc.
<b>3.</b>	To develop an understanding of various policies in public economics like fiscal policy, taxation policy, public debt policy, public expenditure policy etc.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to understand the changing role of the government and the fiscal functions of the modern governments.
<b>2.</b>	Ability to appraise and assess the theory of public economics in real life situations
<b>3.</b>	Ability to recognize, apply and analyze concepts and theories of taxation
<b>4.</b>	Ability to understand various factors of Public Expenditure

<b>Unit No.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Introduction</b>	<b>12</b>
	<p><b>1.1</b> Nature and scope of Public Economics, Changing Role of Government – Fiscal Functions of Modern Governments - The Allocation Function, The Distribution Function, The Stabilization Function, ( Case Study : The Great Depression - From Police to Welfare State )</p> <p><b>1.2</b> Private Goods, Public Goods, Social Goods, Merit Goods, Club Goods</p>	
<b>Unit - II</b>	<b>Rationale For Public Policy</b>	<b>16</b>
	<p><b>2.1</b> Allocation of Resources- Provision of Public Goods.  <b>2.2</b> Voluntary Exchange Models- Lindahl, Johansen and Samuelson  <b>2.3</b> Contributions of Paul Samuelson, Robert Musgrave, Hugh Dalton -Demand Revealing Schemes for Public goods  <b>2.4</b> The Clarke Tax, The Tiebout Hypothesis  <b>2.5</b> Normative social choice theory – Arrow’s theorem – majority voting – The median voter model – representative democracy</p>	
<b>Unit - III</b>	<b>Taxation</b>	<b>16</b>
	<p><b>3.1</b> Principles of Taxation- Benefit and Ability to Pay Approaches  <b>3.2</b> Dalton’s Theory of Incidence; Alternative concepts of Incidence  <b>3.3</b> Allocative and equity aspects of Individual Taxes;  <b>3.4</b> Theory of Optimal Taxation; Excess Burden of Taxes;  <b>3.5</b> The problem of Double Taxation.  <b>3.6</b> Shifting of Tax Burden  <b>3.7</b> Incidence under Market Structures</p>	
<b>Unit - IV</b>	<b>Public Expenditure</b>	<b>16</b>
	<p><b>4.1</b> Wagner’s Law of Increasing State Activities  <b>4.2</b> Pattern of Public Expenditure- Wiseman-Peacock Hypothesis; Pure Theory of Public Expenditure- Samuelson (Collective Consumption Goods); Crowding-out Hypothesis  <b>4.3</b> Structure, Growth &amp; recent trends in Public Expenditure of Central and state governments.  <b>4.4</b> Criteria for Public Investment ; Social Cost-Benefit Analysis, Project Evaluation, Estimation of Costs, Discount Rate</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	R. Goode, 'Government Finance in Developing Countries', Tata McGraw Hill, New Delhi.
<b>2.</b>	Rajesh K.Jha, 'Public Finance'( Latest Editions ), Pearson Publication New Delhi.
<b>3.</b>	Musgrave, Richard A and Musgrave, Peggy B, 'Public Finance in Theory and Practice', Tata McGraw Hill ( Latest Editions ).
<b>4.</b>	Joseph E Stiglitz, 'Economics of the Public Sector', W. W. Norton and Company.
<b>5.</b>	Houghton, J.M., 'The Public Finance'( Latest Editions ), Penguin, Harmondsworth.
<b>6.</b>	L. Duff, 'Government and Market', Orient Longman, New Delhi. Herber.
<b>7.</b>	Mueller, D.C., 'Public Choice', Cambridge University Press, Cambridge.
<b>8.</b>	Spulber, N., 'Redefining the State', Cambridge University Press, Cambridge.
<b>9.</b>	J.E. Stiglitz, 'Economics of Public Sector', Norton, New York.

**RECOMMENDED JOURNALS :**

- Journal of Public Economics - Science Direct
- South Asian Journal of Macroeconomics and Public Economics - Sage Journals
- Journal of Public Economics - Elsevier

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> International Trade	<b>Semester :</b> I
<b>Course Code :</b> 23AMEC13MM	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> MM ( Major Mandatory – 3 )	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the theoretical concept in international trade.
<b>2.</b>	To analyze international economics with reference to terms of trade, trade policy, trade agreements etc.
<b>3.</b>	To provide knowledge to students regarding recent developments and changes in international banking, international banking agreements etc.
<b>4.</b>	To make the students understand role of international economic organization and global crisis development.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to understand the concepts & theories of international economics.
<b>2.</b>	Ability to interpret and apply theory relating to international trade.
<b>3.</b>	Ability to understand the various concepts of Terms Of Trade.
<b>4.</b>	Ability to understand the Policies related to international trade.
<b>5.</b>	Ability to understand the developments in International Trade Agreements & its effects.

<b>Unit No.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Overview Of Classical &amp; Modern Trade Theories</b>	<b>16</b>
	<p>1.1 The Theory of Comparative Cost - David Ricardo</p> <p>1.2 The Heckscher-Ohlin Theorem - The Opportunity Cost Approach</p> <p>1.3 Verification of Physical Criterion and Price Criterion</p> <p>1.4 Leontief Paradox – Factor Price Equalization [ Edgeworth Box Diagram ]</p> <p>1.5 New Theories of Trade, Product Life Cycle and Technology Gap Models,</p> <p>1.6 Preference Similarity and Intra-Industry Trade</p> <p>1.7 Economies of Scale and Monopolistic Competition</p> <p>1.8 Neo-Heckscher Ohlin Theorem</p>	
<b>Unit - II</b>	<b>Terms Of Trade</b>	<b>14</b>
	<p>2.1 Concept of Terms of Trade, their uses and limitations, hypothesis of secular deterioration of term of trade</p> <p>2.2 Factors affecting Terms of Trade</p> <p>2.3 Gross &amp; Net Barter Terms of Trade</p> <p>2.4 Terms of Trade and Economic Development</p>	
<b>Unit - III</b>	<b>Trade Policy</b>	<b>15</b>
	<p>3.1 Free Trade vs. Controlled Trade</p> <p>3.2 Tariffs and Non-Tariff Barriers on Trade</p> <p>3.3 Effects of Tariffs under Partial Equilibrium. (Price Effect, Terms of Trade Effect, Competitive Effect, Income Effect, Revenue Effect)</p> <p>3.4 Effects under General Equilibrium, Stolper-Samuelson Theorem</p>	
<b>Unit - IV</b>	<b>Trade Agreements And Organization</b>	<b>15</b>
	<p>4.1 Introduction to International Trade Agreements - Dunkel Proposal and WTO, Important Agreements</p> <p>4.2 Major developments since 2005, Effects on the Indian Economy.</p> <p>4.3 Composition of the Global Trade Growth, Developing Countries and participation in Global Trade, Growth of Trade in Services</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Gupta, K.R, 'International Economics', AtmaRam & Sons, New Delhi.
<b>2.</b>	Salvatore, D., 'International Economics' ( Latest Editions ), Prentice Hall, New York.
<b>3.</b>	Bo Soderston, 'International Economics' The Macmillan Press Ltd., London.
<b>4.</b>	O.S.Srivastava, 'International Economics'( Latest Editions ), Kalyani Publishers.
<b>5.</b>	Chacholiades, M., 'International Trade: Theory and Policy' ( Latest Editions ), McGraw HillPublishers.
<b>6.</b>	Paul R. Krugman & Maurice Obstfeld, 'International Economics Theory and Policy', PearsonEducation Publication, NewDelhi.
<b>7.</b>	Justin Paul, 'International Economics' ( Latest Editions ), Prentice-Hall India Pvt. Ltd.
<b>8.</b>	D Salvatore, 'Theory and Problems of International Economics' ( Latest Editions ), Schaum'sOutline Series, Tata McGraw Hill Publishing Co. Ltd., New Delhi.
<b>9.</b>	Williamson, J & Milner, C, 'The World Economy' - A Textbook of International Economics,New York University Press, N. York.

**RECOMMENDED JOURNALS :**

- Journal of International Economics - Elsevier
- The Journal of International Trade and Economic Development - Taylor and Francis Online
- Foreign Trade Review - Sage Journals

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> Quantitative Techniques for Economics	<b>Semester :</b> I
<b>Course Code :</b> 23AMEC14MM	<b>No. of Credits :</b> 02
<b>Nature of Course :</b> Major Mandatory 4	<b>Total Teaching Hours :</b> 30 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	The Introduces students to mathematical and statistical techniques that are used in Economics.
<b>2.</b>	To collect and tabulate data from primary and secondary sources. And analyse data using some of frequently used statistical measures.
<b>3.</b>	Students will understand the techniques of correlation and regression.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Students should be able to understand the mathematical and statistical methods that are most widely used in economics.
<b>2.</b>	Students would know how to read and understand mathematical proofs and appreciate their role in the derivation of economic theories.
<b>3.</b>	They will be equipped with the skills in describing, analyzing and interpreting economic data using statistical methods.
<b>4.</b>	They will be able to relate and apply statistical methodology like correlation, regression to economic analysis.

<b>Unit No.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Sets, Relations and Functions</b>	<b>10</b>
	1.1 Concept of a set – Types of sets – Elementary operations on sets – Ordered pairs – Cartesian product – Relations 1.2 Functions – Value of a function at a point – Algebraic functions – Logarithmic and exponential functions 1.3 Economic illustration (Production, demand, supply and cost functions)	
<b>Unit - II</b>	<b>Data Presentation and Descriptive Statistics</b>	<b>10</b>
	2.1 Measures of central tendency – Mean, Median , Mode, Geometric Mean and Harmonic Mean – 2.2 Measures of Dispersion – Range, Variance and standard deviation 2.3 Measures of Skewness and Kurtosis	
<b>Unit - III</b>	<b>Correlation and Regression Analysis</b>	<b>10</b>

	<p>3.1 Simple Correlation Analysis - Meaning, Nature, Assumptions and Limitations, Bivariate data and its presentation,</p> <p>3.2 Measures of Correlation - Scatter Diagram, Karl Pearson's Correlation Coefficient, Coefficient of Rank Correlation</p> <p>3.2 Simple Regression Analysis - Meaning and Nature, Ordinary Least Square Method of Estimation.</p>	<b>10</b>
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<b>SUGGESTED READINGS</b>	
<b>1.</b>	S.P. Gupta, Statistical Methods, Sultan Chand & Sons 2021, 46th edition
<b>2.</b>	A. C. Chiang, Fundamental Methods of Mathematical Economics, McGraw– Hill, 2017, fourth edition.
<b>3.</b>	B.L. Agarwal, Basic Statistics, New Age International Private Limited, 2013, sixth edition.
<b>4.</b>	David S. Moore, William I Notz and Michael A Flinger, The Basic Practice of Statistics, W.H. Freeman and Co., 2015, Seventh Edition

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> Indian Financial System	<b>Semester :</b> I
<b>Course Code :</b> 23AMEC15MEA	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> Elective - 1	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the financial system with the help of theoretical contours.
<b>2.</b>	To interpret the developments in the financial and banking system in the backdrop of current developments in the Indian Economy.
<b>3.</b>	To examine the changing structures, growth and development in banking and financial systems.
<b>4.</b>	To understand the subject in the context of developments and changes in the Indian Financial system.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to relate to the on-going changes in the banking and financial system in India.
<b>2.</b>	Students will understand the changing structure and the developments taking place in Banking System in India.
<b>3.</b>	Ability to differentiate between bank and NBFI's and the challenges faced by them.
<b>4.</b>	Ability to discuss and debate on the changing structures and developments in the banking and financial system in India.

<b>Unit No.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Introduction to Indian Financial System</b>	<b>14</b>
	<p><b>1.1</b> Structure of Financial System, Role of Financial System in Economic Development</p> <p><b>1.2</b> Functions of financial system - Aspects of Risk Sharing, Transaction Costs, Information Costs, Diversification and Conflict of Interests</p> <p><b>1.3</b> Theories of financial development- The Credit Creation Theory, The Financial Regulation Theory, The Financial Liberalization Theory</p>	
<b>Unit - II</b>	<b>Banking System In India</b>	<b>15</b>
	<p><b>2.1</b> Structure of Banking System in India</p> <p><b>2.2</b> Changing Structure of Banking System- New Private Banks, Small Banks, Payment Banks</p> <p><b>2.3</b> Role of Central Bank- Banking Supervision (Basel Norms), Liquidity Management, Central Bank Independence</p> <p><b>2.4</b> Reforms and Developments in Banking Sector in India- NPA Management, E-Banking, Banking Regulations</p> <p><b>2.5</b> Challenges and Changes in Banking Sector in India- Mergers, Consolidations and Amalgamations.</p>	
<b>Unit - III</b>	<b>Non-Banking Financial Institutions In India</b>	<b>15</b>
	<p><b>3.1</b> Meaning and Features of NBFIs, Difference between Banks and Non-Banks, RBI Classification of NBFIs in India.</p> <p><b>3.2</b> RBI Guidelines for NBFIs in India</p> <p><b>3.3</b> Reforms in the Non-Banking Sector in India- Insurance, Mutual Funds, Pension Funds</p> <p><b>3.4</b> Recent challenges concerning NBFIs</p>	
<b>Unit - IV</b>	<b>Developments In Indian Financial System</b>	<b>16</b>
	<p><b>4.1</b> Financial Services in India- Meaning, Features and Type-Fund- Non-Fund</p> <p><b>4.2</b> Financial Instruments - Bonds- floating rate, deep-discount, zero coupon, Masala bonds; Convertible-Non-convertible debentures, Equity Warrants</p> <p><b>4.3</b> Financial Institutions- Venture Capital, Credit Rating, Angel Finance, Crowd Funding</p> <p><b>4.4</b> Financial Regulation - RBI, SEBI, IRDA, PFRDA- Need and Objectives ( Recent Policies of RBI )</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Bhole, L. M., Jitendra Mahakud, 'Financial Institutions and Markets'( Latest Edition ), TataMcGraw Hill, New Delhi.
<b>2.</b>	Das S. C., 'The Indian Financial System: Markets, Instruments, Institutions, Services and Regulations', PHI Learning.
<b>3.</b>	Bharati Pathak, 'The Indian Financial System', Pearson Education.
<b>4.</b>	Frederic Mishkin and Stanley Eakins, 'Financial Markets and Institutions'( Latest Edition ), Pearson Education.
<b>5.</b>	Machiraju H.R., 'Indian Financial System'( Latest Edition ), Vikas Publications, New Delhi.
<b>6.</b>	Khan M.Y., 'Indian Financial System', Tata McGraw-Hill Pub. Co, New Delhi.
<b>7.</b>	Niti Bhasin, 'Indian Financial System : Evolution and Present Structure', New Century Publications.
<b>8.</b>	D. Muralidharan, 'Modern Banking Theory and Practice', PHI Learning Pvt. Ltd. New Delhi.
<b>9.</b>	Saha Siddhartha, 'Indian Financial Systems and Markets' ( Latest Edition ), McGraw Hill Education.
<b>10.</b>	Sharma, K.C., 'Modern Banking in India', Deep and Deep Publications New Delhi.

**Reports :**

- RBI Annual Reports, Monthly Reviews, Occasional Papers ([www.rbi.org.in](http://www.rbi.org.in))
- Reports on Currency and Finance
- Economic and Political Weekly

**Recommended Journals :**

- Prajnan [ NIBM ]
- Journal of Banking and Finance - Elsevier
- Journal of Money, Credit and Banking - Wiley Online
- Journal of Banking and Financial Technology - Springer

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title : Money Market</b>	<b>Semester : I</b>
<b>Course Code : 23AMEC15MEB</b>	<b>No. of Credits : 04</b>
<b>Nature of Course : Elective - 1</b>	<b>Total Teaching Hours : 60 Hrs</b>

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the financial system in the theoretical context
<b>2.</b>	To interpret the developments in the money markets w.r.t. institutions and instruments.
<b>3.</b>	To compare and contrast the developments in the Indian Money Market vis-à-vis International Money Markets.
<b>4.</b>	To understand the changing backdrop of financial markets with focus on international flows and international regulation.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to relate to the on-going changes in the financial markets in Indian Money Markets as well as global markets.
<b>2.</b>	Ability to understand the Constituents & Instruments In Money Markets in India.
<b>3.</b>	Will understand the role of various institutions in Money Market.
<b>4.</b>	Working of International Inter-bank & Instruments in Global Markets.
<b>5.</b>	Ability to discuss and debate on the changing scenario in global market

<b>Unit no.</b>	<b>Title with Contents</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Introduction</b>	<b>12</b>
	<p><b>1.1</b> Structure of Financial Markets – Money and Capital Markets, Primary and Secondary Markets, Exchanges and Over-the-Counter Markets</p> <p><b>1.2</b> Features &amp; Role of Money Market</p>	
<b>Unit - II</b>	<b>Constituents &amp; Instruments In Money Markets</b>	<b>16</b>
	<p><b>2.1</b> Call Money Market</p> <p><b>2.2</b> Treasury Bills Market</p> <p><b>2.3</b> Repo and Reverse Repo Market</p> <p><b>2.4</b> Commercial Bill Market</p> <p><b>2.5</b> Certificate of Deposit Market (CD)</p> <p><b>2.6</b> Commercial Paper (CP) Market</p> <p><b>2.7</b> Money Market Mutual Funds ( MMMFs)</p>	
<b>Unit - III</b>	<b>Institutions In Money Markets</b>	<b>16</b>
	<p><b>3.1</b> Discount and Finance House of India (DFHI) - Role, Functions and performance</p> <p><b>3.2</b> Securities Trading Corporation of India (STCI) – Role and Functions and performance</p> <p><b>3.3</b> Primary Dealers (PDs)</p> <p><b>3.4</b> Satellite Dealers (SDs)</p>	
<b>Unit - IV</b>	<b>Global Money Markets</b>	<b>16</b>
	<p><b>4.1</b> Money Market Comparisons - Cost of Funding, Liquidity and Interest Rate Risk</p> <p><b>4.2</b> International Inter-bank Market, London Interbank Market, Euro Dollar Market - Emergence &amp; Features</p> <p><b>4.3</b> Instruments in Global Markets- Short-term Securities- Asset Based &amp; Mortgage-Backed, Floating-Rate Notes, Market Derivatives – Its Features</p> <p><b>4.4</b> Bank Regulatory Capital Requirements and Capital Adequacy Requirements</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Bhole, L. M, 'Indian Financial System' (Latest Editions), Chugh Publications, Allahabad.
<b>2.</b>	Pathak, Bharati , 'The Indian Financial System', ( Latest Editions ), Pearson Education.
<b>3.</b>	Fabozzi Frank J., Steven V. Mann, Moorad Choudhry, 'The Global Money Markets' (Latest Editions), John Wiley & Sons.
<b>4.</b>	Bhole, L. M., Jitendra Mahakud , 'Financial Institutions and Markets' (2017), Tata McGrawHill, ND
<b>5.</b>	Batra G.S., 'Financial Services and Markets', New Delhi: Deep and Deep Publications Pvt.Ltd.
<b>6.</b>	Khan M.Y., 'Indian Financial System', New Delhi: Tata McGraw-Hill Pub. Co.
<b>7.</b>	Kothari Rajesh., 'Financial Services in India Concept and Application', (2010), New Delhi, Sage Publications.
<b>8.</b>	Frederic Mishkin and Stanley Eakins, 'Financial Markets and Institutions', (Latest Editions), Pearson Education.
<b>9.</b>	Machiraju H.R., 'Indian Financial System', (Latest Editions), Vikas Publications, New Delhi.
<b>10.</b>	Saunders Anthony and Cornett Marica Millon , 'Financial Markets and Institutions - An Introduction to the Risk Management Approach', (Latest Editions), McGraw Hill Education .

#### **RECOMMENDED JOURNALS :**

- 1) Journal of Banking and Finance- Elsevier
- 2) Journal of Money, Credit and Banking- Wiley Online
- 3) Journal of East West Business – Francis & Taylor Online
- 4) Prajnan- Journal of Social and Management Sciences (NIBM)
- 5) The Journal of Business Perspective- Sage

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title : Research Methodology</b>	<b>Semester : I</b>
<b>Course Code : 23AMEC16RM</b>	<b>No. of Credits : 04</b>
<b>Nature of Course : RM</b>	<b>Total Teaching Hours : 60 Hrs</b>

**Aims & Objectives of the Course :**

<b>Sr. No.</b>	<b>Aims &amp; Objectives</b>
<b>1.</b>	To enable an understanding of Research and its methods under various areas of economics.
<b>2.</b>	To demonstrate the practical and the applied aspects of research in relation to Economics.
<b>3.</b>	Students should be able to identify the overall process of designing a research study.
<b>4.</b>	Students should know the primary characteristics of quantitative research and qualitative research

**Expected Course Specific Learning Outcome :**

<b>Sr. No.</b>	<b>Learning Outcome</b>
<b>1.</b>	To introduce and discuss various approaches, strategies, and data collection methods relating to research in social sciences.
<b>2.</b>	To equip and aid the learners to select the appropriate methodology, to collect data based on different data collection methods and to select and use the appropriate tests.
<b>3.</b>	To familiarize the student with the nature of research tools and writing skills.
<b>4.</b>	To enable the student to present a good research proposal.
<b>5.</b>	To empower the student with the knowledge and skills they need to undertake research projects, to present research papers and to write quality articles.

➤ **SYLLABUS :**

<b>Unit No.</b>	<b>Contents</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Introduction</b>	<b>10</b>
	<b>1.1</b> Research : Meaning, Nature, Scope and Importance <b>1.2</b> Scientific Research : Methods - Stages /Steps <b>1.3</b> Social Science Research - Meaning, Nature, Scope and Importance	

	1.4 Review of Literature- Need, Scope, Use and Precautions	
<b>Unit - II</b>	<b>Research Problem And Design</b>	<b>14</b>
	2.1 Research Problem- Meaning, Identification and Selection of Research Problems 2.2 Research design : Meaning & Objectives 2.3 Need & Characteristics of Research design 2.4 Types of research Design – Descriptive, Diagnostic, Exploratory, Experimental	
<b>Unit - III</b>	<b>Data Collection And Data Analysis</b>	<b>14</b>
	3.1 Collection of Data – Meaning, Importance 3.2 Sources of data – Primary Data And secondary data 3.3 Methods of Primary Data Collection- Questionnaire and Interview method, Schedule, Observation Method. 3.4 Secondary Data Sources 3.5 Sampling Method –Meaning and Types—( Probability and Non-probability ) 3.6 Analysis of Data- Classification and Tabulation of Data 3.7 Data Analysis- Use of Software-Excel and Introduction to E-views	
<b>Unit - IV</b>	<b>Testing of Hypothesis</b>	<b>12</b>
	4.1 Hypothesis: Definitions, Characteristics and Importance 4.2 Types Of Hypothesis 4.3 Procedure of Hypothesis Testing 4.4 Basic Concepts: Level of Significance, Statistical Errors ( Type -I and Type II Error ) 4.3 Procedure of Testing of Hypothesis- Parametric and Non-Parametric tests	
<b>Unit - V</b>	<b>Report Writing</b>	<b>10</b>
	5.1 Objective of Report Writing 5.2 Importance of Research Report 5.3 Features of Research Report 5.4 Steps/ Element of Research Report 5.5 Report Writing : Considerations and Precautions, Ordering References, Bibliography and Appendix in Research	

**Basic Reading List :**

1. Banamati Mohanty (2015) ‘Statistics for Behavioral and Social Sciences’ Sage Texts
2. Bryman Alan (2018) ‘Social research methods’ OUP
3. Cooper Donald R. & Pamela S. Schindler (1999), “Business Research Methods”, Tata McGraw-Hill Edition, New Delhi
4. Flick Uwe (2011) ‘Introducing Research Methodology’ Sage Publications

5. Kothari C. R, Gaurau Garg (2019) ‘Research Methodology, Methods and Techniques’, New Age International Publications, 4<sup>th</sup> Edition
6. Kumar Ranjit, (2012), “Research Methodology” 2<sup>nd</sup> Ed, Pearson Education
7. Wilkinson and Bhandarkar (2016) ‘Methodology and Techniques of Social Science Research; HPH
8. Willson Jonathan (2017) ‘Essentials of Business Research: A Guide to Doing Your Research Project’ Sage Publications

➤ **Recommended Journals :**

- Journal of Mixed Methods Research- Sage
- Journal of Applied Social Sciences- Sage
- Research in Economics- Elsevier
- Social Science Research- Elsevier
- The Social Science Journal – Elsevier / Science Direct

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> Micro Economic Analysis - II	<b>Semester :</b> II
<b>Course Code :</b> 23AMEC21MM	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> MM ( Major Mandatory – 5 )	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To provide a thorough understanding of the principles of economics
<b>2.</b>	To enable students to apply micro economic concepts in various contexts.
<b>3.</b>	To enable understanding the basic theories in microeconomics such as demand theory, production theory, market structures.
<b>4.</b>	To discuss the modern developments in micro economics such as Game Theory

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Students can understand the market types
<b>2.</b>	Ability to apply the concepts of micro economics such as demand, supply, revenue, cost, elasticity, etc.
<b>3.</b>	Ability to understand and analyze the working of monopoly market.
<b>4.</b>	Ability to compare and contrast various market structures and understand concept of equilibrium, price determination
<b>5.</b>	Students can understand the situations under Oligopolistically Competitive Market.
<b>6.</b>	At the end of the course, the student should be able to evaluate microeconomic concepts, models and its use in real life situations.

<b>Unit no.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>MARKET STRUCTURES</b>	<b>10</b>
	1.1 Meaning & Classifications of Market Structure 1.2 Perfect Competition - Short Run and Long Run Equilibrium 1.3 Equilibrium of a Firm and Industry	
<b>Unit – II</b>	<b>MONOPOLY</b>	<b>14</b>
	2.1 Short Run & Long Run Equilibrium of a Firm under Monopoly 2.2 Price Discrimination under Monopoly, Degrees of Price Discrimination. Welfare aspects of monopoly 2.3 Comparison of Monopoly and Perfectly Competitive Market outcomes. 2.4 Regulation of Monopoly Power.	
<b>Unit - III</b>	<b>MONOPOLISTIC COMPETITION</b>	<b>10</b>
	3.1 Monopolistic Competition, Price and Non-price competition, Equilibrium. 3.2 Product Differentiation, Selling Costs and Excess Capacity.	
<b>Unit – IV</b>	<b>OLIGOPOLY</b>	<b>16</b>
	4.1 Oligopoly, Basic market structure, Kinky Demand Curve, Price and Output Determination 4.2 Non-collusive oligopoly, Cournot- Bertrand Solution 4.3 Collusive Oligopoly, Price Leadership, Cartels 4.4 Game Theory, Basic Concepts, Dominant Strategy Equilibrium 4.5 Nash Equilibrium, Repeated and Sequential Games	
<b>Unit – V</b>	<b>INTRODUCTION TO INFORMATION ECONOMICS</b>	<b>10</b>
	5.1 The elements of the problem 5.2 Types of Asymmetric information problems – moral hazard, adverse selection, signaling.	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Misra S.K. and V.K. Puri,, ‘Advanced Microeconomic Theory’ (latest edition ) HimalayaPublishing House, New Delhi.
<b>2.</b>	Salvatore, D., ‘Micro Economics’ Oxford University Press.
<b>3.</b>	Mansfield, E., ‘Micro Economics’, W. W. Norton and Company, New York.
<b>4.</b>	Mankiw, N.G., ‘Principles of Economics’, (latest edition) Thomson Asia Pvt. Ltd., Singapore.
<b>5.</b>	Hirschleifer J and A. Glazer, ‘Price Theory and Applications’ (Latest Edition)
<b>6.</b>	Prentice Hall of India, New Delhi.
<b>7.</b>	James Gerber, ‘Microeconomics’, (Latest Edition), Pearson Publication New Delhi.
<b>8.</b>	Pindyck, Robert S Rubinfeld, Daniel L, Mehta, Prem , ‘Microeconomics’, ( Latest Edition ),Pearson India .
<b>9.</b>	Stigler, G, ‘Theory of Price’, (Latest Edition ) , Prentice Hall of India, New Delhi.
<b>10.</b>	Sen, A., ‘Micro Economics: Theory and Applications’, Oxford University Press, New Delhi.
<b>11.</b>	Arthur O’Sullivan, ‘Micro Economics: Principles, Applications and Tools’, (Latest Edition)Pearson Publication.
<b>12.</b>	Varian, H., ‘Microeconomics Analysis’ (2000), W.W. Norton Publisher, New York.

**RECOMMENDED JOURNALS :**

1. Studies in Micro Economics- Sage Journal
2. The Indian Economic Journal- Sage Journal
3. Applied Economics- Taylor & Francis Online

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> Public Economics – II	<b>Semester :</b> II
<b>Course Code :</b> 23AMEC22MM	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> MM ( Major Mandatory – 6 )	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of various policies in public economics like fiscal policy, public debt policy, fiscal finances, etc.
<b>2.</b>	To help the students to understand the normative policies and compare it with the policies framed and followed by Indian economy.
<b>3.</b>	To impart information to the students about the reforms like taxation reforms in India.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to understand, apply and analyze concepts-public debt, budget, fiscal policy in public economics.
<b>2.</b>	Ability to interpret the theories relating to public economics in real life situations.
<b>3.</b>	Ability to discuss and analyze the policies of public finance w.r.t. India
<b>4.</b>	Will be able to understand the Recommendations of Latest Finance Commission

<b>Unit No</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Public Finance In India</b>	<b>18</b>
	<p>1.1 Indian Tax System - Tax and Non - tax Revenue</p> <p>1.2 Taxes in India - Direct and Indirect Taxes</p> <p>1.3 Reforms in Direct and Indirect Taxes,</p> <p>1.4 Introduction of GST in India's Tax System</p> <p>1.5 Budget- Meaning and Components, Economic Classification of Budget, Balanced Budget Multiplier, Gender Budget- Concept, Objectives &amp; Purpose</p> <p>1.6 Zero base budgeting</p> <p>1.7 Concept of Budget Deficits and Their Implications.</p>	
<b>Unit - II</b>	<b>Public Debt</b>	<b>12</b>
	<p>2.1 Meaning and Sources of Public Debt w.r.t India, effects of public debt</p> <p>2.2 Burden of Public Debt on Indian Economy</p> <p>2.3 Deficit financing, Public Borrowings and Level of Prices</p> <p>2.4 Principles of Debt Repayment and Management.</p>	
<b>Unit - III</b>	<b>Fiscal Policy</b>	<b>14</b>
	<p>3.1 Objectives of Fiscal Policy - full employment, anti-inflation, economic growth, redistribution of income and wealth etc in Countries like India, Interdependence between Fiscal and Monetary Policies.</p> <p>3.2 Fiscal Policy for Stabilization - Automatic v/s. Discretionary Stabilization</p> <p>3.3 Fiscal Sector Reforms in India-Budget Management, Objectives of Fiscal Responsibility and Budget Management Act</p>	
<b>Unit - IV</b>	<b>Indian Fiscal Federalism</b>	<b>16</b>
	<p>4.1 Fiscal Federalism in India - Meaning and Relevance</p> <p>4.2 Vertical and Horizontal Imbalance</p> <p>4.3 Assignment of Function and Sources of Revenue</p> <p>4.4 Recommendations of Latest Finance Commission and Niti Ayog</p> <p>4.5 Devolution of Resources and Grants</p> <p>4.6 Theory of Grants; Resource transfer from Union to States — Criteria for Transfer of Resources</p> <p>4.7 Centre-State Financial Relations in India</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Bhatia H.L, 'Public Finance', (Latest Edition), Vikas Publishing House.
<b>2.</b>	Rajesh K.Jha, 'Public Finance' (Latest Edition), Pearson Publication New Delhi
<b>3.</b>	Mankar & Sharma, 'Public Finance Theory & Practice' (Latest Edition), Himalaya Publishing.
<b>4.</b>	Stiglitz, Joseph E, 'Economics of the Public Sector', W. W. Norton and Company.
<b>5.</b>	Tyagi B.P., 'Public Finance' Jai Prakash Nath Publisher, Meerat(UP).
<b>6.</b>	Tripathy R.N., 'Public Finance in Underdeveloped Countries', (Latest Edition), IndusPublishing Company.
<b>7.</b>	Gopalan Swapna , 'Gender Budgeting in India: Towards achieving Gender Equity', (Latest Edition )
<b>8.</b>	ICFAI University Press.
<b>9.</b>	Mundle Sudipto, 'Public Finance: Policy Issues for India', Oxford University Press
<b>10.</b>	Musgrave, Richard A and Musgrave, Peggy B, 'Public Finance in Theory and Practice, (Latest Edition) Tata McGraw Hill.

**RECOMMENDED JOURNALS :**

- Journal of Public Economics- Science Direct
- South Asian Journal of Macroeconomics and Public Economics- Sage Journals
- Indian Journal of Finance
- The Indian Economic Journal- Sage Journals

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> International Finance	<b>Semester :</b> II
<b>Course Code :</b> 23AMEC23MM	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> MM ( Major Mandatory – 7 )	<b>Total Teaching Hours :</b> 60 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the theoretical concept in international finance- Balance of Payments, exchange rate policies, capital flows, etc.
<b>2.</b>	To compare and contrast the scenarios on international trade in India vis-à-vis the world economy.
<b>3.</b>	To provide knowledge to students regarding recent developments and changes in international banking, international banking agreements etc.
<b>4.</b>	To make the students understand role of international economic organization and global crisis development.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	To understand the concepts, policies & trends of Balance of Payments.
<b>2.</b>	To understand the different facets of Foreign Exchange Market.
<b>3.</b>	Ability to understand the importance & role of foreign capital on the world economy / trade.
<b>4.</b>	Students will be able to understand the Concepts, laws & Agreements of International Banking.
<b>5.</b>	Ability to discuss and debate on subjects related to international trade and finance w.r.t the Indian Economy



Unit No.	SYLLABUS	No. of Lectures
<b>Unit I</b>	<b>BALANCE OF PAYMENT</b>	<b>15</b>
	<p>1.1 Balance of Trade - Concept, Structure &amp; Components</p> <p>1.2 Balance of Payments – Concept, Components, disequilibrium in balance of payments, Causes of Disequilibrium</p> <p>1.3 Correction of Disequilibrium -Automatic Correction, Deliberate Correction</p> <p>1.4 Foreign Trade Multiplier- Meaning, Implications &amp; Limitations</p> <p>1.5 Policies for Internal and External Balance - Fiscal and Monetary Policy</p> <p>1.6 Recent Trends in Balance Of Trade &amp; Balance Of Payments.</p>	
<b>Unit II</b>	<b>FOREIGN EXCHANGE</b>	<b>15</b>
	<p>2.1 Components of Foreign Exchange Market - Transfer of Purchasing Power, Provision of Credit, Provision of Hedging Facilities</p> <p>2.2 Transactions in the Foreign Exchange Market - Options, Forwards, Futures, and Swap, Concept of Arbitrage, Hedging and Speculation; Types of Risk in International Markets</p> <p>2.3 Determination of Rate of Exchange - Purchasing Power Parity Theory, Balance of Payments Theory, Monetary Models.</p> <p>2.4 Exchange Control - Scope, Objectives and Methods of Exchange Control.</p> <p>2.5 Exchange Rate Systems - Fixed and Flexible Exchange Rates - Case for and against.</p>	
<b>Unit III</b>	<b>INTERNATIONAL CAPITAL FLOWS</b>	<b>15</b>
	<p>3.1 Classification of International Capital Flows - Direct and Portfolio Investment, Government, Institutional and Private Capital, Short term and Long term Capital, Home and Foreign Capital, Foreign Aid.</p> <p>3.2 Importance and Role of Foreign Capital - Trade and Investment, Factors Affecting International Capital Movements.</p> <p>3.3 Current and Capital Account Convertibility - Concept and Prerequisites, Developments on Convertibility in the Indian Context.</p> <p>3.4 Foreign Exchange Management Act - Objectives and Features.</p>	
<b>Unit IV</b>	<b>INTERNATIONAL BANKING</b>	<b>15</b>
	<p>4.1 International Banking - Concept, Classification - Offshore Banking Unit, Foreign Banks, Foreign Subsidiaries / Affiliates, Correspondent Banks.</p> <p>4.2 International Banking Laws - Choice of Law, Proper Law, Use of Language and Nature of Legal Disputes.</p> <p>4.3 International Banking Agreements - Basel Norms; Introduction to LIBOR.</p> <p>4.4 Changing Role of International Economic Organizations - IMF and IBRD (World Bank) – Global Crisis and Development, Introduction to BRICS Bank</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Salvatore, D., 'International Economics' (Latest Edition), Prentice Hall, Upper Saddle River, N.J., New York..
<b>2.</b>	Srivastava O.S., 'International Economics', Kalyani Publishers.
<b>3.</b>	Ellsworth P.T, 'The International Economy', (Latest Edition) New York Macmillan Publishing Co.
<b>4.</b>	Frederic Mishkin and Stanley Eakins, 'Financial Markets and Institutions', (Latest Edition), Pearson Education Publication NewDelhi Pearson.
<b>5.</b>	Heller, Robert H, 'International Trade', (Latest Edition) Prentice Hall, Englewood Cliffs.
<b>6.</b>	Joyce Joseph, 'IMF and the Global Economic Crisis', (2013), Cambridge University Press.
<b>7.</b>	Verghese, S.K., 'Foreign Exchange and Financing of Foreign Trade' Latest Edition) ,Vikas Publishing House, New Delhi.
<b>8.</b>	Gupta, K.R., 'International Economics' (Latest Edition) Atma Ram & Sons, Delhi.

#### **RECOMMENDED JOURNALS :**

- Journal of International Economics- Elsevier
- Journal of Finance- Wiley Online
- Journal of Emerging Market Finance- Sage Journals
- Journal of Financial Economics-Elsevier / Science Direct

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> History of Economic Thought	<b>Semester :</b> 2
<b>Course Code :</b> 23AMEC24MM	<b>No. of Credits :</b> 02
<b>Nature of Course :</b> Major Mandatory 8	<b>Total Teaching Hours :</b> 30 Hrs

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	This course will introduce the students to economic thought by tracing its history.
<b>2.</b>	It will introduce them to the various concepts & theories of pre classical, Classical and Neo Classical Economic thought
<b>3.</b>	To impart students the knowledge about the Ancient, Mediaval & Modern Economic thought in India
<b>4.</b>	The course will enable the students to understand the development of economics from the beginning of economic thinking.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Work with information: to find, evaluate and use information from various sources, necessary to solve scientific and professional problems.
<b>2.</b>	Critically evaluate the main trends of modern economics, competently lead a discussion about the arguments in favor of each of them.
<b>3.</b>	Based on the description of economic processes and phenomena, students should be able to build theoretical models, analyze and meaningfully interpret the results obtained;

<b>Unit No.</b>	<b>SYLLABUS</b>	<b>No. of Lectures</b>
<b>Unit - I</b>	<b>Introduction to Economic Thought- Pre-Classical, Classical &amp; Neoclassical Economic Thought</b>	<b>10</b>
	1.1 Introduction: Nature - Approaches - Significance of History of Economic Thought. 1.2 Pre-Classical Economic Thought – Introduction to Mercantalism, Physiocracy. 1.3 Classical Economic Thought – Adam Smith, Bentham, Malthus main idea. 1.4 Neo-Classical Economic Thought – Introduction to Mathematical school, The Austrian School, Cambridge school & Stockholm School.	
<b>Unit - II</b>	<b>Economic Thought in India: Ancient and Mediaval Economic Thought</b>	<b>10</b>

	2.1 Introduction- Development of Indian Economic Thought 2.2 Economic Thought in ancient India- Economic Ideas of Kautilya and Valluvar 2.3 Economic Thought in Mediaval India	
<b>Unit - III</b>	<b>Modern Economic Thought in India</b>	<b>10</b>
	3.1 Factors influencing the Nineteenth Century Economic Thought; Dada Bhai Naoroji; Mahadeo Govind Ranade, D.E. Wacha 3.2 Critical estimate of Gandhian Economic Thought 3.2 Economic Ideas of Visvesvaraya, J.K.Mehta, C.N. Vakil and V.K.R.V Rao	<b>10</b>

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Backhouse, A. History of Modern Economic Analysis, Oxford University Press
<b>2.</b>	Bhatia, H. L. History of Economic thought., Vikas Publishing House Pvt. Ltd.
<b>3.</b>	Ganguli, B.N. Indian Economic Thought: A Nineteenth Century Perspective, Tata McGraw-Hill Publishing Co., New Delhi.
<b>4.</b>	Eric Roll, A History of Economic Thought, Faber& Faber Publisher
<b>5.</b>	Hunt, E.K. and Lautzenheiser, M. (2011). History of Economic Thought: A Critical Perspective, M.E. Sharpe.
<b>6.</b>	Hajela, T.N. History of Economic Thought, Konark Publishers Pvt. Ltd. Delhi

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title : INDUSTRIAL ECONOMICS</b>	<b>Semester : II</b>
<b>Course Code : 23AMEC25MEA</b>	<b>No. of Credits : 04</b>
<b>Nature of Course : ELECTIVE - 2</b>	<b>Total Teaching Hours : 60 Hrs</b>

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To provide an understanding of Industry, Industrial sector and growth and its relation to various economic issues and challenges.
<b>2.</b>	To demonstrate the practical and the applied aspects of Industrial economics and the study of Industry and its relation to Economics.
<b>3.</b>	To impart students the knowledge about the different theories of industrial location, industrial productivity, efficiency and profitability.
<b>4.</b>	To study the important issue of regional industrial imbalance in India

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to develop, demonstrate and examine various topics under Industrial Economics.
<b>2.</b>	Ability to evaluate and examine subject areas in economics bringing out the relation to industry and industrial development.

<b>Unit No.</b>	<b>CONTENTS</b>	<b>No. of Lectures</b>
<b>Unit - 1</b>	<b>INTRODUCTION</b>	<b>12</b>
	<b>1.1</b> Industrial Economics – Emergence, Meaning and Definition <b>1.2</b> Scope and Importance of Industrial Economics <b>1.3</b> Classification of Industries <b>1.4</b> New Empirical Industrial Organization Approach	
<b>Unit - 2</b>	<b>THEORIES OF INDUSTRIAL LOCATION</b>	<b>14</b>
	<b>2.1</b> General Determinants of Industrial Location <b>2.2</b> Theories of Industrial Location -Alfred Weber, Sergeant Florence andAugust Losch. <b>2.3</b> Policy of Industrial Location in India <b>2.4</b> Need for Balanced Regional Development	
<b>Unit - 3</b>	<b>INDUSTRIAL PRODUCTIVITY AND GROWTH</b>	<b>16</b>
	<b>3.1</b> Industrial Productivity - Norms and Measurement <b>3.2</b> Factors affecting Productivity and measures to improve Productivity, <b>3.3</b> Public Enterprises - Efficiency, Productivity and Performance ( Case for / against India ) <b>3.4</b> Skill Development and Industrial Productivity <b>3.5</b> Industrial Pattern and Growth in India: Cause for Concern, Challenges to Private Sector <b>3.6</b> Policy Measures to enhance Industrial Growth	
<b>Unit - 4</b>	<b>INDUSTRIAL POLICIES IN INDIA</b>	<b>18</b>
	<b>4.1</b> Recent Industrial Policies in India <b>4.2</b> Developments in Industrial Policy – Special Economic Zones, ‘Makein India’, Public Private Partnership <b>4.3</b> Changing Role and Performance of Public and Private Sector in India <b>4.4</b> New definition of MSME- change and its implications <b>4.5</b> Developments in Policy for MSMEs since 1991, <b>4.6</b> Development in FDI Policy, Emergence of Indian Multinational Companies <b>4.7</b> Globalization of Labour Markets and Impact of Emerging Economies <b>4.8</b> Future ready workforce : issues and challenges	

<b>SUGGESTED READINGS</b>	
<b>7.</b>	Barthwal, R. R. (latest edition). Industrial economics: An introductory text book. New Age International.
<b>8.</b>	Das, K. (2011). Micro and small enterprises in India: The era of reforms. Routledge.
<b>9.</b>	Flanagan, R. J. (latest edition). Globalization and labor conditions: Working conditions and worker rights in a global economy. Oxford University Press.
<b>10.</b>	Hajela, P. D. (latest edition). Labour restructuring in India: A critique of the new economic policies. Commonwealth Publishers (India).
<b>11.</b>	Kar, S., & Datta, D. (latest edition). Industrial and labor economics: Issues in developing and transition countries. Springer.
<b>12.</b>	Martin, S. (latest edition). Industrial economics: Economic analysis and public policy. Macmillan College.
<b>13.</b>	Mohan, S. (latest edition). Indian policy and development. McGraw-Hill Education.
<b>14.</b>	Sauvant, K. P., Pradhan, J. P., Chatterjee, A., & Harley, B. (latest edition). The rise of Indian multinationals: Perspectives on Indian outward foreign direct investment. Palgrave MacMillan.
<b>15.</b>	S.C., S. (n.d.). Industrial relations and labour laws (7th ed.). Vikas Publishing House.
<b>16.</b>	Seth, R. (latest edition). Industrial economics. Ane Books Pvt

### **Recommended Journals, Reports and Websites:**

- 1) Economic Survey of India (latest)
- 2) Economic and Political Weekly (EPW)
- 3) Applied Economics- Taylor & Francis Online
- 4) International Journal of Economics and Business research- Inderscience
- 5) The Journal of Industrial Economics- Wiley
- 6) The Journal of Industrial Economics- Scimago
- 7) Ministry of Commerce and Industry: <https://commerce.gov.in/>
- 8) Ministry of Micro, Small and Medium Enterprises: <https://msme.gov.in/>

**M.A. ECONOMICS (CBCS – Autonomy 2023 Pattern)**

<b>Course Title : ECONOMICS OF ENVIRONMENT</b>	<b>Semester : II</b>
<b>Course Code : 23AMEC25MEB</b>	<b>No. of Credits : 04</b>
<b>Nature of Course : ELECTIVE - 2</b>	<b>Total Teaching Hours : 60 Hrs</b>

<b>Sr. No.</b>	<b>Course Objectives</b>
<b>1.</b>	To develop an understanding of the economics of environment in the theoretical as well as practical context.
<b>2.</b>	To discuss various analytical tools to comprehend various environmental issues.
<b>3.</b>	To understand different techniques of valuation and cost benefit analysis that goes into decision making in environmental Economics
<b>4.</b>	To understand important phenomenon in the context of environmental resource management
<b>5.</b>	To review environmental issues in India.

<b>Sr. No.</b>	<b>Course Outcome</b>
<b>1.</b>	Ability to analyze and evaluate the subject with reference to various aspects of the Economics of environment.
<b>2.</b>	Ability to develop an understanding of the economics of environment and various analytical tools to comprehend environmental issues
<b>3.</b>	To understand the key issues regarding sustainability, environmental degradation and economic growth.
<b>4.</b>	To understand the analytical framework adapted by the discipline of Economics to include the environmental concerns in its analysis.
<b>5.</b>	To understand different techniques of valuation and cost benefit analysis that goes into decision making in environmental Economics

<b>Unit No.</b>	<b>Contents</b>	<b>No. of Lectures</b>
<b>Unit - 1</b>	<b>Introduction</b>	<b>15</b>
	<p><b>1.1</b> Economics of Environment – Meaning, Nature, Scope and Significance</p> <p><b>1.2</b> Environment as an Economic and a Social Good – Exhaustive and Renewable Common Property Resources</p> <p><b>1.3</b> Economic Development and Environment – Trade-off, Environmental Kuznets Curve &amp; Limits to Growth</p> <p><b>1.4</b> Sustainable Development</p>	
<b>Unit - 2</b>	<b>Environmental Challenges</b>	<b>15</b>
	<p><b>2.1</b> Environment and Agricultural Development – Technological Change – Use of Water, Fertilizers, Pesticides – Groundwater and Forest Depletion</p> <p><b>2.2</b> Environment and Industrial Development – Pollution, Urbanization</p> <p><b>2.3</b> Global Environmental Issues – Depletion of Ozone Layer, Green House Effect, Global Warming, Climate Change, Loss of Bio-diversity</p>	
<b>Unit - 3</b>	<b>Environmental Regulation – Theories and Analytical Tools</b>	<b>15</b>
	<p><b>3.1</b> The Economic Theory of Efficient Pollution Control – Marginal Abatement Cost (MAC) &amp; Marginal Environmental Damage (MED)</p> <p><b>3.2</b> Externalities and Market Failures – Coase Theorem</p> <p><b>3.3</b> Environmental Regulation – Command and Control Regulation versus Market Based Instruments – Emission Taxes and Charges, Environmental Taxes and Subsidies, Resolutions through Direct Negotiations, Emissions Trading</p> <p><b>3.4</b> Environmental Value Assessment – Environmental Value, Revealed Preference Method, Stated Preference Method, Cost-Benefit Analysis</p>	
<b>Unit - 4</b>	<b>Climate Change, Environmental Agreements and Policies</b>	<b>15</b>
	<p><b>4.1</b> Climate Change – Greenhouse Gases, Accumulation of Emissions and Process of Global Warming,</p> <p><b>4.2</b> Kyoto Protocol – Emission Reduction Targets, Kyoto Mechanisms, Limitations of Kyoto Protocol, Carbon Credits</p> <p><b>4.3</b> Paris Agreement – Aims, Nationally Determined Contributions, Effects on Global Temperature, Mechanisms and Criticism</p> <p><b>4.4</b> India's Environmental Policy, Environment Protection Laws, National Green Tribunal</p>	

<b>SUGGESTED READINGS</b>	
<b>1.</b>	Baumol, W. J., Oates, W. E., Bawa, V. S., & Bradford, D. (latest edition). <i>The theory of environmental policy: Externalities, public outlays, and the quality of life.</i> Prentice Hall.
<b>2.</b>	Bhattacharya, R. (latest edition). <i>Environmental economics: An Indian perspective.</i> Oxford University Press, USA.
<b>3.</b>	FIELD, B. F., Field, B. C., & Field, M. K. (latest edition). <i>ISE environmental economics.</i>
<b>4.</b>	Managi, S., & Kuriyama, K. (latest edition). <i>Environmental economics.</i> Routledge.
<b>5.</b>	Singh, K.,
<b>6.</b>	Smith, S. (latest edition). <i>Environmental economics: A very short introduction.</i> OUP Oxford.
<b>7.</b>	Sankar, U., & Sankar, U. (latest edition). <i>Environmental economics.</i> Readers in Economics.

### **Recommended Journals, Reports and Websites :**

- 1) Journal of Environmental Economics and Management
- 2) Review of Environmental Economics and Policy
- 3) Environmental and Resource Economics
- 4) Ecological Economics
- 5) Annual Review of Resource Economics
- 6) Land Economics
- 7) World Economic Forum Reports (latest)
- 8) Ministry of Environment, Forest and Climate Change <https://moef.gov.in/en/>
- 9) Multilateral Treaties :  
<https://treaties.un.org/pages/Treaties.aspx?id=27&subid=A&clang=en>

**M.A. ECONOMICS ( CBCS – Autonomy 2023 Pattern )**

<b>Course Title :</b> On Job Training / Field Project	<b>Semester :</b> II
<b>Course Code :</b> 23AMEC26OJ	<b>No. of Credits :</b> 04
<b>Nature of Course :</b> On Job Training / Field Project	<b>Total Teaching Hours :</b> 60 Hrs