



K.T.S.P.Mandal's

HutatmaRajguruMahavidyalaya, Rajgurunagar

Department of Economics

Academic Year 2022-2023

Syllabus Completion Report

M.A.Part I

SemI/II

Sr.No	Class	Subject Name	Subject Prof.
1	M.A.Sem I M.A.Sem II	Agricultural Economics Labour Economics	Dr.R.S.Shirasi
2	M.A.Sem I M.A.Sem II	Micro Economic Analysis –I&II	Prof.S.V.Dhanapune
3	M.A.Sem I M.A.Sem II	Public Economics – I&II	Dr.U.C.Bhokse
4	M.A.Sem I M.A.Sem II	International Trade International Finance	Prof.A.D.Khurpe

M.A.Sem I/II

Agricultural Economics

Labour Economics

Number of Students-10

Dr.R.S.Shirasi

Month	Unit/Chapter	Sub-Units
Sem I		
Sep 2022	1. Introduction (8 Lectures)	1.1 Role of Agriculture in Indian Economy 1.2 Agrarian Structure in India in a Liberalizing and Globalizing Economy, 1.3 Barriers to Agricultural Growth in India 1.4 Need for Policy Intervention – Productivity, Equity and Sustainability
Oct/Nov 2022	2. Agriculture Productivity and Agricultural Labour (10 Lectures)	2.1 Trends in Agricultural Productivity in India since 1991 2.2 Challenges to Agricultural Productivity– Crop Insurance, Irrigation, Exports 2.3 Agricultural Labour- Trends in Agricultural Employment and Efficiency 2.3 Technology Inputs in Agriculture and Impact on Agriculture Labour 2.4 Review of the National Employment Guarantee Scheme
Dec/Jan 2022	3. Agriculture and Credit (10	3.1 Financial Sector Reforms and Rural

	Lectures)	Credit 3.2 Role of NABARD, Commercial Banks and Cooperative Institutions 3.4 Micro Finance in Rural Finance – Emergence, Role and Challenges 3.5 Challenges to Rural and Agricultural Credit in India
	4. Agriculture and Markets (10 Lectures)	4.1 Characteristics of Agricultural Markets in India 4.2 Agriculture and Price System in India 4.3 Role of Farmers’ Marketing Cooperatives 4.4 Agro Processing- Need and Challenges 4.5 Agriculture in India and WTO Agreements
	5. Agricultural Growth and Rural Development (10 Lectures)	5. Agricultural Growth and Rural Development (10 Lectures) 5.1 Food Security in India 5.2 Gender and Rural Poverty. 5.3 Agriculture and Industry- Interrelations and Management 5.4 Sustainable Agriculture- Concept, Need and Issues
Sem II		
March 2023	1. Introduction (8 Lectures)	1.1 Concept of Labour Force, Determinants of Labour Force Participation 1.2 Historical Emergence and Relevance of Labour Economics 1.3 Indian Labour Market- Changing Structure and Impact of Globalization 1.4 Unemployment in India and Policies for Employment Generation
March 2023	2. Labour Markets and Wage Determination (12 Lectures)	2.1 Labour Markets- Rural & Urban, Formal and Informal, Organized and Unorganized, Contract Labour 2.2 Growth and Trends in Labour Market,- New Legislation, Unionization, Labour Dynamics, Labour Market Flexibility 2.3 Theories of Wages- Marginal Productivity Theory, Theory of Collective Bargaining, Modern Theory of Wages- Demand and Supply Theory 2.4 Wage Structure, Minimum Wage, Fair Wage, Wage Differentials- Inequality, Inter-sectoral Differences, Gender Differences 2.5 Evolution and Features of Wage Policy in India
April 2023	3. Migration and Absenteeism (8 Lectures)	3.1 Approaches to Labour Migration, Inter-sectoral and International Migration, Trends, Causes and Effects of Migration 3.2 Labour Turnover and Absenteeism in Labour Markets in India- Causes, Effects and Policy Measures
May 2023	4 Industrial Relations (10 Lectures)	4.1 Labour Unions in India- Growth, Structure and Development; 4.2 Employers’ Organization in India- History, Emergence and Role 4.2 Globalization and Labour Markets-

		International Division of Labour, Impact on Developing Economies 4.3 Current trends in Collective Bargaining 4.4 Social Security Measures.
	5 Labour Market reforms (10 Lectures)	5.1 Exit Policy since 1991, Need for an Effective Policy 5.2 Child Labour in India- Cause for Concern and Policy Measures 5.3 Women Workforce- Need for equal Opportunity, Skill and Earnings 5.4 Contract Labour- Increasing Use and Need for Regulation

M.A.Sem I/II
Micro Economic Analysis –I&II
Number of Students-10

Prof.S.V.Dhanapune

Month	Unit/Chapter	Sub-Units
Sem I		
Sep 2022	1. Introduction (8 Lectures)	1.1 The Basic Principles of Microeconomics.
Oct/Nov 2022	2. Consumer Theory (14 Lectures)	2.1 The Market forces of Demand and Supply 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. 2.3 Theory of Revealed Preference 2.4 Concept of Total Revenue, Average Revenue and Marginal Revenue- Mathematical Applications; Concept of Elasticity: Price, Income and Cross Elasticity-Mathematical Applications 2.5 The Concept of Consumers' Surplus. 2.6 Modern Demand Theory – Introduction to Choice under Uncertainty (Von Newman-Morgenstern Expected Utility Theory); Pragmatic Approach to Demand Analysis
Dec/Jan 2022	3. Production Theory (14 Lectures)	3.1 Production Function – One Input, Two Inputs: Isoquants. 3.2 Law of Variable Proportions, Returns to the

		Variable Factor, Returns to Scale, Cobb-Douglas Production Function. 3.3 Producer's Equilibrium with one and two inputs. 3.4 Cost Curves, Total, Average and Marginal Cost, Short Run and Long Run Costs, Concept of Economic Cost, Mathematical Applications 3.5 Derivation of Supply curve, Firm and Industry, Short and Long Run. 3.6 Concept of Producers' Surplus
	4. Introduction to Welfare Economics (12 Lectures)	4.1 Concept of Social Welfare 4.2 Pigou's Contribution to Welfare Economics 4.3 Pareto Optimality; Product Exhaustion Theorem (Euler's Theorem) 4.4 Social Welfare Function, Compensation Criteria 4.5 AmartyaSen-Social Choice and Welfare
Sem II		
March 2023	1. Market Structures	1.1 Perfect Competition - Short Run and Long Run Equilibrium 1.2 Equilibrium of a Firm and Industry
March 2023	2. Monopoly (6 Lectures)	(12 Lectures) 2.1 Short Run & Long Run Equilibrium of a Firm under Monopoly 2.2 Price Discrimination under Monopoly, Degrees of Price Discrimination. 2.3 Comparison of Monopoly and Perfectly Competitive Market outcomes. 2.4 Regulation of Monopoly Power.
April 2023	3. Monopolistic Competition (10 Lectures)	3.1 Monopolistic Competition, Price and Non-price competition, Equilibrium. 3.2 Product Differentiation, Selling Costs and Excess Capacity.
May 2023	4. Oligopoly (10 Lectures)	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, Carte
	5. Introduction to Game Theory (10 Lectures)	5.1 Game Theory, Basic Concepts, Dominant Strategy Equilibrium, 5.2 Nash Equilibrium, Repeated and Sequential Games

M.A.Sem I/II
Public Economics – I&II
Number of Students-10

Dr.U.C.Bhokse

Month	Unit/Chapter	Sub-Units
Sem I		
Sep 2022	1. Introduction (10 Lectures)	1.1 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) 1.2 Private Goods, Public Goods, Social Goods, Merit Goods, Club Goods
Oct/Nov 2022	2. Rationale for Public Policy	2.1 Allocation of Resources- Provision of Public Goods. (14 Lectures) 2.2 Voluntary Exchange Models- Lindahl, Johansen and Samuelson 2.3 Impossibility of Decentralized Provision of Public Goods 2.4 Contributions of Paul Samuelson, Robert Musgrave, Hugh Dalton- Demand Revealing Schemes for Public goods 2.5 The Clarke Tax, The Tiebout Hypothesis
Dec/Jan 2022	3. Taxation (12 Lectures)	3.1 Principles of Taxation- Benefit and Ability to Pay Approaches 3.2 Theory of Incidence; Alternative concepts of Incidence 3.3 Allocative and equity aspects of Individual Taxes; 3.4 Theory of Optimal Taxation; Excess Burden of Taxes; 3.5 The problem of Double Taxation. 3.6 Shifting of Tax Burden 3.7 Incidence under Market Structures
	4. Public Expenditure	4.1 Wagner’s Law of Increasing State Activities (12 Lectures) 4.2 Pattern of Public Expenditure- Wiseman-Peacock Hypothesis; Pure Theory of Public Expenditure- Samuelson (Collective Consumption Goods); Crowding-out Hypothesis 4.3 Structure and Growth of Public Expenditure 4.4 Criteria for Public Investment; Social Cost-Benefit Analysis, Project Evaluation, Estimation of Costs, Discount Rate,
Sem II		
March 2023	1. Public Finance in India	1.1 Indian Tax System- Tax and Non-tax Revenue 1.2 Taxes in India - Direct and Indirect Taxes 1.3 Reforms in Direct and Indirect Taxes, Introduction of GST (12 Lectures) 1.4 Budget-

		Meaning and Components, Economic Classification of Budget, Balanced Budget Multiplier, Gender Budget-Concept, Objectives & Purpose 1.5 Budget Deficits and Their Implications.
March 2023	2. Public Debt	2. Public Debt 2.1 Sources of Public Debt w.r.t India; 2.2 Burden of Public Debt on Indian Economy 2.3 Deficit financing, Public Borrowings and Level of Prices 2.4 Principles of Debt Management and Repayment
April 2023	3. Fiscal Policy (12 Lectures)	(10 Lectures) 3.1 Objectives of Fiscal Policy in Countries like India, Interdependence between Fiscal and Monetary Policies 3.2 Fiscal Policy for Stabilization - Automatic v/s. Discretionary Stabilization 3.3 Fiscal Sector Reforms in India-Budget Management, Objectives of Fiscal Responsibility and Budget Management Act
May 2023	4 Indian Fiscal Federalism	4.1 Fiscal Federalism in India- Meaning and Relevance; 4.2 Vertical and Horizontal Imbalance 4.3 Assignment of Function and Sources of Revenue (14 Lectures) 4.4 Constitutional provisions; Finance Commission and Planning Commission 4.5 Devolution of Resources and Grants 4.6 Theory of Grants; Resource transfer from Union to States — Criteria for Transfer of Resources 4.7 Centre-State Financial Relations in India

**M.A.Sem I/II
International Trade
International Finance
Number of Students-10**

Prof.A.D.Khurpe

Month	Unit/Chapter	Sub-Units
Sem I		
Sep 2022	1. Overview of Classical and Modern Trade Theories	1.1 The Theory of Comparative Cost-David Ricardo (20 lectures) 1.2 The Heckscher-Ohlin Theorem- The Opportunity Cost Approach 1.3 Verification of Physical Criterion and Price Criterion, 1.4 Leontief Paradox – Factor Price Equalization [Edgeworth Box Diagram] 1.5 New Theories of Trade, Product Life Cycle and Technology Gap Models, 1.6 Preference

		Similarity and Intra-Industry Trade, 1.7 Economies of Scale and Monopolistic Competition 1.8 Krugman- Theory of Economic Geography 1.9 Neo-Heckscher Ohlin Theorem
Oct/Nov 2022	2. Terms of Trade (4 lectures)	2.1 Concepts of Terms of Trade, Factors affecting Terms of Trade 2.2 Gross & Net Barter Terms of Trade 2.3 Terms of Trade and Economic Development
Dec/Jan 2022	3. Trade Policy (12 lectures)	3.1 Free Trade vs. Controlled Trade, 3.2 Tariffs and Non-Tariff Barriers on Trade, 3.3 Effects of Tariffs under Partial Equilibrium. (Price Effect, Terms of Trade Effect, Competitive Effect, Income Effect, Revenue Effect) 3.4 Effects under General Equilibrium, Stolper-Samuelson Theorem
	4. Trade Agreements and Organization (12 lectures)	4.1 Introduction to International Trade Agreements- Dunkel Proposal and WTO, Important Agreements, 4.2 Major developments since 1995, Effects on the Indian Economy. 4.3 Composition of the Global Trade Growth, Developing Countries and participation in Global Trade, Growth of Trade in Services,
Sem II		
March 2023	1. Balance of Payment 1.1 Balance of Trade- Concept, Structure & Components (10 Lectures)	1.2 Balance of Payments- Concept, Disequilibrium, Causes of Disequilibrium; 1.3 Correction of Disequilibrium-Automatic Correction, Deliberate Correction, 1.4 Foreign Trade Multiplier- Meaning, Working, Implications & Limitations 1.5 Policies for Internal and External Balance-Fiscal and Monetary Policy Under Fixed and Floating Exchange Rates 1.6 Devaluation of Indian Rupee- Effect on Balance of Payment in 1991.
March 2023	2. Foreign Exchange (12 lectures)	2.1 Components of Foreign Exchange Market- Transfer of Purchasing Power, Provision of Credit, Provision of Hedging Facilities 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 2.3 Determination of Rate of Exchange-Purchasing Power Parity Theory, Balance of Payments Theory, Monetary Models. 2.4 Exchange Control-Scope of Exchange Control, Objectives and Methods of Exchange Control. 2.5 Exchange Rate Systems- Fixed and Flexible Exchange Rates-Case for and against Fixed and Flexible Exchange Rates

<p>April 2023</p>	<p>3. International Capital Flows (10 lectures)</p>	<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 3.3 Importance and Role of Foreign Capital-Trade and Investment, Theories of International Investment, Factors Affecting International Capital Movements 3.4 Current and Capital Account Convertibility- Concept and Prerequisites, Developments on Convertibility in the Indian Context 3.5 Foreign Exchange Management Act-Objectives and Features</p>
<p>May 2023</p>	<p>4. International Banking (16 lectures)</p>	<p>4.1 International Banking- Concept, Classification - Offshore Banking Unit, Foreign Banks, Foreign Subsidiaries/ Affiliates, Correspondent Banks 4.2 International Banking Laws- Choice of Law, Proper Law, Use of Language and Nature of Legal Disputes; 4.3 International Banking Agreements- Basel Norms; Introduction to LIBOR 4.4 Changing Role of International Economic Organizations- IMF and IBRD (World Bank)- Global Crisis and Development, Introduction to BRICS Bank</p>

M.A.Part II
SemIII/IV

Sr.No	Class	Subject Name	Subject Prof.
1	M.A.Sem III M.A.Sem IV	Industrial Economics Economics of Environment	Dr.R.S.Shirasi
2	M.A.Sem III M.A.Sem IV	Research Methodology-I Research Methodology-II Economics of Environment	Dr.U.C.Bhokse
3	M.A.Sem III M.A.Sem IV	Growth & Development –I & II	Prof.S.V.Dhanapune
4	M.A.Sem III M.A.Sem IV	Macro Economics Analysis – I & II	Prof.R.H.Mundhe

M.A.Sem III/IV
Industrial Economics
Number of Students-10

Dr.R.S.Shirasi

Month	Unit/Chapter	Sub-Units
Sem III		
Sep 2022	1 Introduction	1.1 Industrial Economics – Emergence, Meaning and Definition 1.2 Scope and Importance of Industrial Economics 1.3 Classification of Industries 1.4 New Empirical Industrial Organization Approach
Oct/Nov 2022	2 Theories of Industrial Location	2.1 General Determinants of Industrial Location 2.2 Theories of Industrial Location 2.2.1 Alfred Weber’s Theory of Industrial Location 2.2.2 Sergeant Florence’s Theory of Industrial Location 2.3 Policy of Industrial Location in India 2.4 Need for Balanced Regional Development
Dec/Jan 2022	3 Industrial Productivity and Growth	3 Industrial Productivity and Growth 3.1 Industrial Productivity - Norms and Measurement 3.2 Factors affecting Productivity and measures to improve Productivity, 3.3 Public Enterprises- Efficiency, Productivity and Performance (Case for/against India) 3.4 Skill Development and Industrial Productivity 3.5 Industrial Growth in India: Cause for Concern, Challenges to

		Private Sector 3.6 Policy Measures to enhance Industrial Growth
	4 Industrial Policies in India	4 Industrial Policies in India 4.1 Industrial Policy in India – Progress since 1991 4.2 Developments in Industrial Policy – Special Economic Zones, ‘Make in India’, Public Private Partnership 4.3 Changing Role and Performance of Public and Private Sector in India 4.4 Developments in Policy for MSMEs since 1991 4.5 Development in FDI Policy, Emergence of Indian Multinational Companies 4.6 Globalization of Labour Markets and Impact of Emerging Economies
Sem IV		
March 2023	1 Introduction	1 Introduction 12 1.1 Economics of Environment – Meaning, Nature, Scope and Significance 1.2 Environment as an Economic and a Social Good – Exhaustive and Renewable Common Property Resources 1.3 Economic Development and Environment – Trade-off, Environmental Kuznets Curve & Limits to Growth 1.4 Sustainable Development
March 2023	2.1 Environment and Agricultural Development	– Technological Change – Use of Water, Fertilizers, Pesticides – Groundwater and Forest Depletion 2.2 Environment and Industrial Development – Pollution, Urbanization 2.3 Global Environmental Issues – Depletion of Ozone Layer, Green House Effect, Global Warming, Climate Change, Loss of Bio-diversity
April 2023	3 Environmental Regulation – Theories and Analytical Tools	3 Environmental Regulation – Theories and Analytical Tools 12 3.1 The Economic Theory of Efficient Pollution Control – Marginal Abatement Cost (MAC) & Marginal Environmental Damage (MED) 3.2 Externalities and Market Failures – Coase Theorem 40 3.3 Environmental Regulation – Command and Control Regulation versus Market Based Instruments – Emission Taxes and Charges, Environmental Taxes and Subsidies, Resolutions through Direct Negotiations, Emissions Trading 3.4 Environmental Value Assessment – Environmental Value, Revealed Preference Method, Stated Preference Method, Cost-Benefit Analysis
May 2023	4 Climate Change, Environmental Agreements and Policies	4 Climate Change, Environmental Agreements and Policies 12 4.1 Climate Change – Greenhouse Gases, Accumulation of Emissions and Process

		of Global Warming, 4.2 Kyoto Protocol – Emission Reduction Targets, Kyoto Mechanisms, Limitations of Kyoto Protocol, Carbon Credits 4.3 Paris Agreement – Aims, Nationally Determined Contributions, Effects on Global Temperature, Mechanisms and Criticism 4.4 India’s Environmental Policy, Environment Protection Laws, National Green Tribunal
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M.A.Sem III/IV
Research Methodology-I Research Methodology-II
Economics of Environment
Number of Students-10

Dr.U.C.Bhokse

Month	Unit/Chapter	Sub-Units
Sem III		
Sep 2022	1 Introduction	1.1 Research : Meaning ,Nature , Scoup. And Importance 1.2 Scientific Research : Methods - Stages /Steps 1.3 Social Science Research - Meaning ,Nature , Scoup. And Importance 1.4 Review of Literature- Need, Scope, Use and Precautions
Oct/Nov 2022	2 Research Problem And Design	2.1 Research Problem- Meaning, Identification and Selection of Research Problems 2.2 Research design ; Meaning , Objective , 2.3 Need , Characteristics of Research design 2.4 Types of research Design – Descriptive, Diagnostic ,Exploratory, Experimental
Dec/Jan 2022	3 Data Collection And Data Analysis	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 Computer Use Of Data Analysis
	4 Testing of Hypothesis	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
	5 Report Writing	5 Report Writing 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.
Sem IV		
March 2023	1.Sources of Data- Primary, Secondary	1.1 Sources of Data- Primary, Secondary. 1.2 Surveys and Interviews Methods 1.3 Observation Method 1.4 Secondary Sources of Data
March 2023	2 Sampling And Data Analysis	2.1 Basic Concepts: Population, Sample, Sample Size 12 12 2.2 Sampling Methods: Probability and Non-probability Sampling Methods 2.3 Analysis of Data: Classification, Tabulation, Graph, Diagram and 2.4 Overview of Statistics in Data Analysis
April 2023	3 Testing Hypothesis	3.1 Hypothesis: Meaning, Types, Formulation, Criteria for a Good Hypothesis 3.2 Basic Concepts: Level of Significance, Critical error, Type I and Type II Error 3.3 Procedure of Testing Hypothesis 3.4 Parametric and Non Parametric Tests
May 2023	4 Report Writing	4.1 Goals of Report Writing 4.2 Report writing for Quantitative Research and Qualitative Research 4.3 Layout of Research Project 4.4 Report Writing: Considerations and Precautions 12 4.5 Computer Use in Research -Internet Source of Data Collection- Use and Precautions

M.A.Sem III/IV
Growth & Development –I & II
Number of Students-10

Prof.S.V.Dhanapune

Month	Unit/Chapter	Sub-Units
Sem III		
Sep 2022	1 Principles and Concepts of Growth and Development	1.1 Concepts of growth and Development 1.2 Measuring Economic Development: Income and Alternative Measures 1.3 International Comparison of Incomes: PPP and Exchange Rate Approaches 1.4 Developing / Emerging Economies – Concept 1.5 Barriers to Economic Development
Oct/Nov 2022	2 Theories of Economic Development and Growth	2.1 Classical Theory of Economic Development: Adam Smith 2.2 The Harrod-Domar Model 2.3 Solow model of economic growth 2.4 The Cobb-Douglas Production Function 2.5 The Big push theory 2.6 The New (Endogenous) Growth Theory
Dec/Jan 2022	3 Poverty, Inequality and Unemployment	3.1 Measurement of Poverty- Uni-dimensional & Multi-dimensional, AmartyaSen’s Approach to Poverty measurement, Rural and Urban Poverty, Participatory Approach to Poverty, Women and Poverty 3.2 Measuring Inequality, Lorenz Curve, Gini Coefficient, Functional Distribution, 3.3 Challenge of Unemployment, Disguised Unemployment and Economic Development, Concept of Jobless Growth 3.4 Employment and Migration
	3 Poverty, Inequality and Unemployment	4.1 Theory of Demographic Transition 4.2 Human Capital Approach of Development 4.3 Demographic Dividends 4.3 Education, Skill and Wages, Health and Efficiency to Work 4.5 Optimum Population.
Sem IV		
March 2023	1. Sectoral Development: An Overview	1.1 International agreements and Agriculture in India 1.2 Agriculture Productivity, Agriculture Price Policy, Land Holding and Cropping Pattern 1.3 Industrial Production Trends at National and International Level, Role Of MSMEs, Government Policies for Industrial Development 1.4 Growth of Services Sector in India, ICT and Services sector, International Comparison.

March 2023	2. Technology and Development	2.1 Role of Technology and Development 2.2 Capital Formation and Technical Progress as Sources of Growth 2.3 Technological Strategy of Development 2.5 Economics of R&D, Invention and Innovation, Relation to Development 2.6 Technology Centered Development
April 2023	3. Environment and Development	3.1 Sustainable Development, Sustainability Performance and Reporting 3.3 Environment and Rural-Urban Development 3.4 Industrialization and Environment Protection 3.5 Climate change and Agriculture
May 2023	4. Development Strategies	12 4.1The Role of the Government in the Developmental process 4.2 The Market versus Detailed Centralized Planning 4.3 Approaches to Poverty Alleviation and Employment Generation 4.4 Policy of Export Promotion & Import Substitution 4.5 Policy of Infrastructure Development

M.A.Sem III/IV
Macro Economics Analysis – I & II
Number of Students-10

Prof.R.H.Mundhe

Month	Unit/Chapter	Sub-Units
Sem III		
Sep 2022	1. Traditional Approaches to Macroeconomics	1.1 Classical Approach-Introduction and main features 1.2 Keynesian Approach-Introduction and main features 1.3 Neoclassical Approach-Introduction and main features
Oct/Nov 2022	2. National Income and Social Accounting	2.1 Circular Flow Income in two-three and four sector economy 2.2 Different forms of national income accounting 2.2.1 Social accounting 2.2.2 Input-output accounting 2.2.3 Flow of funds Accounting 2.2.4 Balance of payments Accounting 2.2.5 Matrix presentation of Social Accounting
Dec/Jan 2022	3. Demand and Supply of Money	3.1 Definition of Money, Debates relating to definition of Money 3.2 The Liquidity Theory, Gurley and Shaw Hypothesis, Demand for Money-Classical and Keynesian 3.3 Cash Balance Approach- Post Keynesian Theories of Demand for Money, Tobins Approach, Baumol's Inventory Theoretic Approach, Friedman's Theory

		of Demand for Money.
	4. Supply of Money	4.1 Financial Intermediation 4.2 A Mechanistic Model of Bank Deposit Determination. 4.3 A Behavior Model of Money Supply Determination, 4.4 A Demand-determined Money Supply process, 4.5 RBI approach to Money Supply-High Powered Money and Money Multiplier; Budget Deficit and Money Supply, Money Supply and Open Economy. 4.76Control of Money Supply.
Sem IV		
March 2023	1.1 Aggregate Demand Curve (with price flexibility)- Derivation of aggregate demand curve shift in aggregate demand curve and multiplier effect	1.1 Aggregate Demand Curve (with price flexibility)-Derivation of aggregate demand curve shift in aggregate demand curve and multiplier effect 1.2 Aggregate Supply curve (with variable prices)-shift in aggregate supply curve-long-run aggregate supply curve – Derivation of Aggregate supply curve-1.3 Macroeconomic equilibrium: AS-AD Model-Friedman’s Natural Rate Hypothesis- Economic Fluctuations 1.4 Three Models of the Upward Sloping SRAS (short-run aggregate supply curve) –The Sticky Wage Theory, The Sticky Price Theory and The Misperceptions (Fooling) Theory
March 2023	2. The IS-LM Curves Model	2.1 Introduction-The Structure of the Model 2.2 Derivation of IS Curve and LM Curve –Shifts in IS Curve and LM curve, causes in shifts in IS and LM Curve. 2.3 Simultaneous Equilibrium in Goods Market and Money Market-Extension IS-LM model with government sector Fiscal policies. 2.4 Extension of IS-LM model with Labor Market and flexible prices.
April 2023	3. Inflation-Unemployment Trade-Off: Phillips Curve and Rational Expectations Theory	3.1 Inflation and Unemployment-Phillips curve-Explanation of Phillips curve. 3.2 Causes of shifts in Phillips Curve- Long-run Phillips curve and adaptive expectations – Long-run Phillips curve: Rational expectations. 3.3 Relation between short-run Phillips curve and long-run Phillips curve. 26 3.4 Stagflation and Supply-side Economics-stagflation in India-1991-04, causes of stagflation 3.5 Supply-side economics-basic propositions of supply-side economics-Taxation and labour supply, Incentive to save and investment, the tax wedge-tax revenue and Laffer curve, a critical appraisal of supply side economics.

May 2023	4. The New Classical Macro Economics & the Open Economy Issues	4.1 Introduction -Meaning of Rational Expectations- Barrow's view 4.2 The New Classical Model 4.3 The Role of the Monetary and Fiscal policy 4.4 Rational Expectations and the Real Business Cycles 4.5 Criticism of the Rational Expectations Hypothesis. 12 4.6 Open Economy-Balance of Trade-Balance of Payments-Mundel-Fleming Model, Exchange Rate Regimes.
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Diwari
विभाग प्रमुख
अर्थशास्त्र
दुतात्मा राजगुरु महाविद्यालय
राजगुरुनगर, जि.पुणे