

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and  
Commerce, Baramati**

**Autonomous**

**Course Structure For M.A. Economics Part I (Sem. I and II)**

<b>Semester</b>	<b>Paper Code</b>	<b>Title of the Paper</b>	<b>Credit</b>
<b>I</b>	<b>ECO-101</b>	<b>Micro Economics I</b>	<b>4</b>
	<b>ECO-102</b>	<b>Public Finance I</b>	<b>4</b>
	<b>ECO-103</b>	<b>International Economics - I</b>	<b>4</b>
	<b>ECO-104</b>	<b>Indian Economics Policy</b>	<b>4</b>
		<b>Human Rights I</b>	<b>2</b>
		<b>Certificate Course</b>	<b>2</b>
<b>II</b>	<b>ECO-201</b>	<b>Micro Economics II</b>	<b>4</b>
	<b>ECO-202</b>	<b>Public Finance II</b>	<b>4</b>
	<b>ECO-203</b>	<b>International Economics - II</b>	<b>4</b>
	<b>ECO-204</b>	<b>Introduction to Quantitative Methods</b>	<b>4</b>
		<b>Introduction to Cyber Security I</b>	<b>2</b>
		<b>Certificate Course</b>	<b>2</b>

**SYLLABUS (CBCS) FOR M.A. Economics Part I (Sem.-I and II)  
(w.e. from June, 2019)**

**Academic Year 2019-2020**

**Class : M.A. Part I (Semester- I)**

**Paper Code : ECO-101**

**Title of Paper : Micro Economics I**

**Credit : 4**

**No. of Lectures : 40**

**A) Learning Objectives :**

- 1) To understand basic concept of Micro economics.
- 2) To analysis the economic behaviour of individuals, firms and markets.

**B) Learning Outcome:**

The main outcome of this course is acquaint students with various aspects of consumer behaviour and demand analysis, production theory and behaviour of costs, the theory of traditional markets.

**TOPICS/CONTENTS:**

**1. Introduction**

**(10 Lectures)**

- 1.1 Micro Economics: Nature, Scope, Importance & Limitations.
- 1.2 Methodology of Economics: Deductive V/s Inductive.
- 1.3 Static & Dynamic Economics.
- 1.4 The Basic Micro Economic Problems of Scarcity and Choice.
- 1.5 Market and Price Mechanism.
- 1.6 Disturbances to Equilibrium, Floor Price, Ceiling Price.

**2. Consumer Theory**

**(12 Lectures)**

- 2.1 The Concept and Measurement of Utility: Cardinal and Ordinal.
- 2.2 Theory of Consumer Choice: Marginal Utility Theory, Indifference Curve Approach, Income and Price Expansion Paths, Demand Curve.
- 2.3 Income and Substitution Effects: Slutsky and Hicksian approach.
- 2.4 Theory of Revealed Preference.
- 2.5 Elasticity of Demand: Price, Income and Cross Elasticity.
- 2.6 Concept of Consumers' Surplus.
- 2.7 Preference Ordering.

### **3. Production Theory**

**(12 Lectures)**

- 3.1 Production Function – One Input, Two Inputs: Isoquants.
- 3.2 Law of Variable Proportions, Law of 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 curves, Economist concept of cost.
- 3.5 Concept of Total Revenue, Average Revenue and Marginal Revenue.
- 3.6 Elasticity of supply.
- 3.7 Concept of Producers' Surplus

### **4. Equilibrium**

**(6 Lectures)**

- 4.1 Partial and General Equilibrium.
- 4.2 Edgeworth Box Depiction of Competitive Market Equilibrium involving only Exchange.
- 4.3 Externality, Concept of Social Welfare.

### **Recommended Books:**

1. Hirschleifer J and A. Glazer (1997): Price Theory and Applications, Prentice Hall of India, New Delhi.
2. Stigler, G (1996): Theory of Price, Prentice Hall of India, New Delhi.
3. Arthur O Sullivan Micro Economics principles Applications and tools Pearson Publication. Delhi
4. D.N.Dwivedi (3011) Micro Economics - Pearson Publication new Delhi.
5. Sen, A.(1999): Micro Economics: Theory and Applications, Oxford University Press, New Delhi.
6. Misra S.K. and V.K. Puri (2001): Advanced Microeconomic Theory, Himalay Publishing House, New Delhi.
7. Kreps, David, M (1990): A Course in Microeconomic Theory, Princeton University Press.
8. Rubinfeld Pindyck: Microeconomic Theory and application, 7th edition, Pearson Education New Delh

**Class : M.A. Part I (Semester- II)**

**Paper Code : ECO-201**

**Title of Paper : Micro Economics II**

**Credit : 4**

**No. of Lectures : 40**

**A) Learning Objectives :**

- 1) To understand basic concept of various types of market.
- 2) To analysis the economic behaviour of firms, markets and theory of distribution.

**B) Learning Outcome:**

The main outcome of this course is acquaint students with various types of markets, characteristics, equilibrium of firm and industry and distribution theories.

**TOPICS/CONTENTS:**

**1. Price & output Determination (I) (4 Lectures)**

- 1.1 Classification of Markets.
- 1.2 Perfect Competition - Definitions and Features.
- 1.3 Short Run and Long Run Equilibrium of firm and industry.

**2. Price & output Determination (II) (10 Lectures)**

- 2.1 Monopoly- Definitions and features.
- 2.2 Equilibrium of a Firm under Monopoly (Short Run and Long Run).
- 2.4 Comparison of Monopoly and Perfectly Competitive Market outcomes.
- 2.5 Regulation of Monopoly Power.

**3. Price & output Determination (III) (10 Lectures)**

- 3.1 Monopolistic Competition- definitions and features.
- 3.2 Equilibrium – Short run and long run.
- 3.3 Price and Non-price competition.
- 3.4 Product Differentiation, Selling Costs and Excess Capacity.
- 3.5 Oligopoly, Basic market structure, Non-collusive oligopoly, Cournot- Bertrand Solution.
- 3.6 Collusive Oligopoly, Cartels, Price and Output Determination.
- 3.7 Game Theory, Basic Concepts, Dominant Strategy Equilibrium, Nash Equilibrium.
- 3.8 Duopoly - Price and Output Determination.

#### **4. Alternative Theories of the Firm**

**(6 Lectures)**

4.1 Goal of Profit Maximization and Alternative Theories of the Firm.

4.2 Baumol's Sales Revenue Maximization Model.

#### **5. Theory of Distribution and Welfare Economics**

**(10 Lectures)**

5.1 Marginal Productivity Theory.

5.2 Product Exhaustion Theorem. (Euler's Theorem)

5.3 Pigou's Welfare Theorem.

5.4 Pareto Optimality.

5.5 Social Welfare Function, Compensation Criteria.

5.6 Arrow's Impossibility Theorem.

#### **Recommended Books:**

1. Varian, Hal (1996): Intermediate Microeconomics, W.W. Norton and Company, New York.
2. Hirschleifer J and A. Glazer (1997): Price Theory and Applications, Prentice Hall of India, New Delhi.
3. Stigler, G (1996): Theory of Price, Prentice Hall of India, New Delhi.
4. H.Gravelle and R.Rees (2007) Microeconomics Pearson Publication New Delhi
5. James Gerber (2012) Microeconomics, Pearson Publication New Delhi
6. Robert Pindyck, (2009) Microeconomics, Pearson Publication New Delhi
7. Sen, A.(1999): Micro Economics: Theory and Applications, Oxford University Press, New Delhi.
8. Misra S.K. and V.K. Puri (2001): Advanced Microeconomic Theory, Himalay Publishing House, New Delhi.
9. Kreps, David, M (1990): A Course in Microeconomic Theory, Princeton University Press.
10. Dominick Salvatore: Principles of Microeconomics, Oxford University Press 5th edition.
11. William J. Baumol and Alan H. Blinder: Microeconomics-Principle and Policy, 9th edition.
12. Thomson Waldman Jenhen: Industrial Organization, 3rd edition Pearson education New Delhi.

**Class : M.A. Part I (Semester- I)**

**Paper Code : ECO-102**

**Title of Paper : Public Finance I**

**Credit : 4**

**No. of Lectures : 40**

**A) Learning Objectives :**

- 3) To well understand organized society and roll of government in an economy.
- 4) To analysis public revenue and expenditure of the government.

**B) Learning Outcome:**

The main outcome of this course is apprising students with various concepts of public revenue and expenditure of the government with theoretical base and its current application.

**TOPICS/CONTENTS:**

**1. Introduction**

**(10 Lectures)**

- 1.1 Role of Government in Organized Society
- 1.2 Changing Perspective — Government in a Mixed Economy: Public and Private Sector
- 1.3 Government as an agent for Economic Planning and Development
- 1.4 The concepts of Public Goods and Private Good, Merit Goods and Social Goods.
- 1.5 Fiscal function: An overview

**2. Rationale for Public Policy**

**(10 Lectures)**

- 2.1 Allocation of Resources — Provision of Public Goods.
- 2.2 Voluntary Exchange Models
- 2.3 Impossibility of decentralized provision of Public Goods
- 2.3 Contributions of Samuelson and Musgrave Demand Revealing Schemes for public goods
- 2.4 Contributions of Clarks, Leyard, Tiebout model, Theory of Club Goods & Stabilization Policy
- 2.5 Voluntary Exchange Models: - Lindhal's, Masgrave's Models & Samuelsson Pure Theory.
- 2.6 Difference between Samuelsons and masgrave approaches
- 2.7 Public Choice Theory.

### **3. Principle of Public Expenditure**

**(10 Lectures)**

- 3.1 Introduction: Meaning and Scope, Reasons for Growth
- 3.2 Theoretical Analysis of Public Expenditure Growth
- 3.3 Wagner's Law of Increasing State Activities
- 3.4 Wiseman- Peacock Hypotheses;
- 3.5 Pure Theory of Public Expenditure
- 3.6 Social Cost-Benefit Analysis

### **4. Theory of Taxation**

**(10 Lectures)**

- 4.1 Introduction Characteristics of a Good Tax System
- 4.2 Modern View of Sound Tax System
- 4.3 Theory of Incidence; Alternative concepts of Incidence
- 4.4 Allocative and equity aspects of Individual Taxes;
- 4.5 Benefit and Ability to Pay Approaches
- 4.6 Theory of Optimal Taxation; Excess Burden of Taxes;
- 4.7 The problem of Double Taxation.
- 4.8 Shifting of Tax Burden

### **BASIC READING LIST**

1. Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
2. Houghton, J.M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth.
3. Rajesh K.Jha (2012) Public Finance. Pearson Publication New Delhi.

### **ADDITIONAL READING LIST**

1. Cornes, R. and T. Sandler (1986), The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge.
2. Duff, L. (1997), Government and Market, Orient Longman, New Delhi.
3. Herber, B.P. (1967), Modern Public Finance, Richard D. Irwin, Homewood.
4. Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
5. Buchanan, J.M. (1968), The Demand and Supply of Public Goods, Rand McNally, Chicago.
6. Mueller, D.C. (1979), Public Choice, Cambridge University Press, Cambridge.
7. Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
8. Stiglitz, J.E. (1986), Economics of Public Sector, Norton, New York.

**Class : M.A. Part I (Semester- II)**

**Paper Code : ECO 202**

**Title of Paper : Public Finance II**

**Credit : 4**

**No. of Lectures : 40**

**A) Learning Objectives :**

1. To well understand depth knowledge of public debt and Indian fiscal federalism
2. To explain Indian taxation system.

**B) Learning Outcome:**

The main outcome of this course is apprising students with constitutional approach of Indian fiscal federalism and current Indian taxation policies.

**TOPICS/CONTENTS:**

**1. Public Debt**

**(10 Lectures)**

- 1.1 Classical view of Public Debt
- 1.2 Compensatory aspect of Debt Policy
- 1.3 Sources of Public Debt; Debt through created Money
- 1.4 Public Borrowings and Price Level
- 1.5 Crowding Out of Private Investment and Activity
- 1.6 Principles of Debt Management and Repayment
- 1.7 Burden of Public Debt on Indian Economy

**2. Fiscal Policy**

**(10 Lectures)**

- 2.1 Objectives of Fiscal Policy, Interdependence of Fiscal and Monetary Policies
- 2.2 Fiscal Policy for Stabilization - Automatic vs. Discretionary Stabilization.
- 2.3 Budget-Meaning and Components. Preparation, Presentation and Execution of Budget.
- 2.4 Economic Classification of Budget.
- 2.5 Budget Deficits and Their Implications.
- 2.6 Balanced Budget Multiplier.

**3. Indian Fiscal Federalism**

**(10 Lectures)**

- 3.1 Concept of Federal Finance
- 3.2 Principles of Federal Finance
- 3.3 Issues in India's Federal finance
- 3.4 Fiscal Imbalance: Vertical and Horizontal Imbalance



3.5 Assignment of Function and Sources of Revenue

3.6 Constitutional provisions; Finance Commission and Planning Commission/ NITI  
Ayog.

3.7 Theory of Grants; Resource transfer from Union to States Criteria for Transfer of  
Resources

3.8 Centre-State Financial Relations in India

#### **4. Indian Public Finances**

**(10 Lectures)**

4.1 Introduction of Indian Tax System

4.2 Coordination of Income and Profit Taxes

4.3 Major Taxes in India - Direct and Indirect Taxes

4.4 Reforms in Direct and Indirect Taxes, GST

4.5 Non-tax Revenue of Centre, State and Local Bodies

4.6 Analysis of Central and State Government Budgets

4.7 Fiscal Sector Reforms in India

4.8 Budget Management ACT (FRBM) & Kelkar Committee Recommendation.

#### **Reading List:**

1. Shome, P. (Ed.) (1995), Tax Policy : Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington D.C.
2. Tripathy R.N. Public Finance in Underdeveloped Countries.
3. Rajesh K.Jha (2012) Public Finance. Pearson Publication New Delhi
4. Dr. Joshi P.L. Zero Base Budgeting Technology in Government, Dhruv and Deep Books, Bombay.
5. Dr.Tyagi B.P., Public Finance, Jai Prakash Nath Pub.Meerat (UP).
6. Mithani D.M. Principles of Public Finance and Fiscal Policy Himalaya Publishing House, New Delhi.
7. C F Bastable : Public Finance, London: Macmillan and Co., Limited, 3rd Edition  
Ursula Hicks Public Finance

**Class : M.A. Part I (Semester- I)**  
**Paper Code : ECO 103**  
**Title of Paper : International Economics I**  
**Credit : 4**

**No. of Lectures : 40**

**A) Learning Objectives:**

1. To clear the theoretical base of international trade.
2. To explain the changing nature of government policy.

**B) Learning Outcome:**

The main outcome of this course is to familiarize classical and modern theories of international trade.

**TOPICS/CONTENTS:**

**1. Overview of Classical and Modern Trade Theories (8 lectures)**

- 1.1 Ricardo and the concept of Comparative Cost Theory
- 1.2 Opportunity Cost –Heckscher Ohlin Theorem,
- 1.3 Verification of Physical Criterion and Price Criterion,
- 1.4 Leontief Paradox – Factor Price Equalization and explanation with Edgeworth Box Diagram

**2. New theories of Trade (8 lectures)**

- 2.1 Product Life Cycle and Technology Gap Models,
- 2.2 Preference similarity and Intra-Industry Trade,
- 2.3 Economies of Scale and Monopolistic Competition
- 2.4 Krugman- Theory of Economic Geography
- 2.5 Neo-Heckscher Ohlin theorem

**3. Terms of Trade (8 lectures)**

- 2.1 Concepts of Net Barter Terms of Trade,
- 2.2 Gross Barter Terms of Trade, Factors affecting Terms of Trade
- 2.3 Terms of Trade and Economic Development

**4. Trade Policy (8 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)

**5. WTO (8 lectures)**

- 5.1 International Trade Agreements.
- 5.2 WTO- Important Agreements, Major developments since 1995.
- 5.3 India and WTO

**Recommended Books:**

1. Paul R. Krugman & Maurice Obstfeld (2009) International Economics Theory and Policy. Pearson Education Publication New Delhi.
2. Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan.
3. Kindleberger, C.P. International Economics, R.D. Irwin, Homewood.
4. Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N.J., New York.
5. Soderston, Bo (2005), International Economics, The Macmillan Press Ltd., London.
6. GATT, the Dunkel Draft and India J. M. Economic and Political Weekly, Vol. 27, No. 4 (Jan. 25, 1992), pp. 140-142

**Class : M.A. Part I (Semester-II)**  
**Paper Code : ECO-203**  
**Title of Paper : International Economics II**  
**Credit : 4 No. of Lectures: 40**

**A) Learning Objectives:**

1. To enlighten international financial terms.
2. To analyse current issues related to international economics.

**B) Learning Outcome:**

The main outcome of this course is to update student about international transactions or to elaborate the status of exchange market.

**TOPICS/CONTENTS:**

**1. Balance of Payments (8 Lectures)**

- 1.1 Equilibrium and disequilibrium in BOP, adjustment mechanisms
- 1.2 Marshal -Lerner Elasticity approach, absorption approach
- 1.3 Internal and External balance. Swan Model
- 1.4 Foreign Trade Multiplier, Working Implications

**2. Foreign Exchange Market (8 lectures)**

- 2.1 flexible and fixed exchange rates
- 2.2 Transactions in the Foreign Exchange Market- Spot and Forward and Exchanges, Futures, Swap Operation, Arbitrage.
- 2.3 Current and Capital Account Convertibility –Meaning, Benefits, Prerequisites and Problems

**3. International Capital Flows (8 lectures)**

- 3.1 Classification of International Capital Flows, Foreign Aid
- 3.2 Trade and Investment, Theories of International Investment.
- 3.3 Factors Affecting International Capital Movements
- 3.4 FDI

**4 International Banking and Eurocurrency Market (8 lectures)**

- 4.1 International Banking-Factors Leading to Growth of International Banks, Types of International Banking Offices, Offshore Financial Centres, Non-Banking Financial Companies
- 4.2 Eurocurrency Market- Meaning and Scope, Feature, Origin and Growth, the Participants, Supply and Demand

**5. International Financial System and Crisis (8 lectures)**

- 5.1 International Organization (International Monetary Fund, World Bank)
- 5.1 Important International Financial Crisis and the role of IMF (Oil crisis, International debt crisis, South East Asian crisis, Brazil Argentina and Mexico, Russia and Eastern Europe, The sub-prime crisis)

**Recommended Books:**

1. Heller, Robert H., NJ: International Monetary Economics Prentice Hall, Englewood Cliffs
2. Kindleberger, Charls P., D.B. International Economics, Taraporewala and Sons, Mumbai
3. Rugel, Thomas A. International Economics, McGraw Hill, New Delhi.
4. Ellsworth P.T. and Clark J. Leith, The International Economy New York Macmillan Publishing Co.
5. RBI, Report ON Currency and Finance (annul).
6. Gowda, Venkatagiri K., Eurodollar Flows and International Monetary Stability, Geetha Book House, Mysore.
7. Verghese, S.K., Foreign Exchange and Financing of Foreign Trade, Vikas Publishing House, New Delhi.

**Class : M.A. Part I (Semester-I)**  
**Paper Code : ECO 104**  
**Title of Paper : Indian Economic Policy**  
**Credit : 4** **No. of Lectures: 40**

**A) Learning Objectives:**

1. To ensure greater understanding of economics and public policy and help students understand the Indian and World Issues with more clarity and confidence.
2. To equip students with practical tools to analyse local, national and global policies so that they know which questions to ask, and be able to write about current events from a different angle.
3. Focus on teaching basics of policy making and how they relate with the society.

**B) Learning Outcome:**

The main outcome of the syllabus would be the understanding of undercurrents behind the policy making and its implementation.

**TOPICS/CONTENTS:**

- 1. Framework of Indian Economy (8 Lectures)**
  - 1.1 Features of Indian Economy as a developing economy
  - 1.2 Demographic Features
  - 1.3 Indicators of Economic Growth
  - 1.4 Rural Urban Migration and Problems of Urbanisation
  - 1.5 India's Place in Global Economy
- 2. Development Strategies in India (12 Lectures)**
  - 2.1 Sectorial composition and transition
  - 2.2 India's Experience in Planning
  - 2.3 Comparison of Indian Economy with the world in major economic Indexes
  - 2.4 India's Development Strategies before and after Reforms
- 3. Challenges before India's Economy (12 Lectures)**
  - 3.1 Agriculture – Development and Challenges
  - 3.2 Industry- Public, Private and MNCs and their challenges
  - 3.3 Services- Growth and Challenges before Service Sector
  - 3.4 Debate on Inclusive Growth
- 4. Review of Sector Specific Policies after Reforms (8 Lectures)**
  - 4.1 Agriculture- After Green Revolution
  - 4.2 Financial Sector Reforms
  - 4.3 Foreign Trade and Policy
  - 4.4 Foreign Exchange Rate Policy
  - 4.5 Reforms in taxation policy

**Reference Books**

1. Indian Economy, Gaurav Dutta and Ashwini Mahajan, S. Chand Publication, New Delhi, latest edition.
2. Indian Economy since Independence, Uma Kapila, Academic Foundation, New Delhi, 2019.
3. अर्थशास्त्र भाग १ आणि सामाजिक विकास भाग २, डॉ. किरण देसले, दीपस्तंभ प्रकाशन, जळगाव
4. भारतीय अर्थव्यवस्था, रंजन कोळंबे, भगीरथ प्रकाशन, बारामती

**Class : M.A. Part I (Semester-II)**  
**Paper Code : ECO-204**  
**Title of Paper : Introduction To Quantitative Methods**  
**Credit : 4** **No. of Lectures: 40**

**A) Learning Objectives:**

1. To acquaint student with basic statistical and mathematical tools required for economic inquiry.
2. To prepare a base for higher studies in Econometrics and Mathematical Economics.

**B) Learning Outcome:**

The main outcome of the syllabus would be the development of expertise in use of basic statistical and mathematical tools required for academic and research purpose in social sciences.

**TOPICS/CONTENTS:**

**Unit 1. Basic Arithmetic Operations (10 Lectures)**

- 1.1 Numbers, Square and Cubes, Roots,
- 1.2 LCM and HCF, Interest Rates, Compound Interest Rates
- 1.3 Ratio and Proportion, Profit and Loss, Time and Work
- 1.4 Time, Speed and Distance, Calender and Clock

**Unit 2. Basic arithmetic Operation- II (10 Lectures)**

- 2.1 Basic Algebra
- 2.2 Sequences
- 2.3 Geometry in Economics
- 2.4 Different types of Diagrams and Charts

**Unit 3. Basic Statistical Operations-I (10 Lectures)**

- 3.1 Classification and Tabulation Data
- 3.2 Measures of Central Tendency- Mean, Mode, Median
- 3.3 Measures of Dispersion – Mean Deviation,

**Unit 4. Basic Statistical Operations-II (10 Lectures)**

- 4.1 Data Interpretation
- 4.2 Inference and Projections from Charts
- 4.3 Data Sufficiency

**Reference Books**

1. Magical Book on Quicker Maths, M.Tyra, Banking Services Chronicle Publication, New Delhi
2. Statistical Methods, S.P.Gupta, S.Chand Publication, New Delhi.
3. स्पर्धापरीक्षा अंकगणित, वा. ना. दांडेकर, पुणे
4. सांख्यिकीय तंत्रे, प्रा. राम देशमुख, विद्या प्रकाशन, नागपुर
5. मूलभूत सांख्यिकी, प्रा. राम देशमुख, विद्या प्रकाशन, नागपुर