

Rayat Shikshan Sanstha`s  
**Chhatrapati Shivaji College, Satara**  
**(Autonomous)**



Accredited By NAAC with 'A+' Grade

**CHOICE BASED CREDIT SYSTEM**

Syllabus For

**M.A. Part - I**

**Economics**

(Syllabus to be implemented from June, 2019 onwards.)



Rayat Shikshan Sanstha's  
**Chhatrapati Shivaji College, Satara**  
**(Autonomous)**

**Name of the Subject: ECONOMICS**  
**Course Structure under CBCS**  
**Semester: I/II/III/IV**

**M.A.-I**

<b>Sr. No</b>	<b>Subject Code</b>	<b>Title of Course</b>	<b>Instruction Hrs./ Semi</b>	<b>Marks Term End Exam</b>	<b>Marks Internal Assessment</b>	<b>Credits</b>
<b>SEMESTER I</b>						
<b>(I) Core / Compulsory Papers:</b>						
1	ECOC21	Micro Economic Analysis	60	60	40	4
2	ECOC22	Monetary Economics	60	60	40	4
<b>(II) Elective/ Optional Papers :</b>						
3	ECOO21	Agricultural Economics	60	60	40	4
4	ECOO22	Principles and Practice of Co-operation	60	60	40	4
4 A	*ECOO22A	Economy of Maharashtra (CBCS)	60	60	40	4
<b>SEMESTER II</b>						
<b>(I) Core / Compulsory Papers:</b>						
5	ECOC23	Public Economics	60	60	40	4
6	ECOC24	Ecological and Resource Economics	60	60	40	4
<b>(II) Elective/ Optional Papers :</b>						
7	ECOO23	Agricultural Development in India	60	60	40	4
8	ECOO24	Financial Markets and Institutions	60	60	40	4
8 A	*ECOO24A	Economic Thoughts of Dr. B. R. Ambedkar (CBCS)	60	60	40	4

**M.A.-II**

<b>Sr. No.</b>	<b>Course Code</b>	<b>Title of Course</b>	<b>Instruction Hrs./ Semi.</b>	<b>Marks Term End Exam</b>	<b>Marks Internal Assessment</b>	<b>Credits</b>
<b>SEMESTER III</b>						
<b>(I) Core / Compulsory Papers:</b>						
1	ECOC25	Statistics in Economic Analysis	60	60	40	4
2	ECOC26	Macro Economic Analysis	60	60	40	4
<b>(II) Elective/ Optional Papers :</b>						
3	ECOO25	Indian Public Finance	60	60	40	4
4	ECOO26	Economics of Transport and Communications	60	60	40	4
4 A	*ECOO26A	Demography	60	60	40	4
<b>SEMESTER IV</b>						
<b>(I) Core / Compulsory Papers:</b>						
5	ECOC27	International Economics	60	60	40	4
6	ECOC28	Economics of Growth and Development	60	60	40	4
<b>(II) Elective/ Optional Papers :</b>						
7	ECOO27	Co-operative Thoughts and Administration	60	60	40	4
8	ECOO28	Welfare Economics	60	60	40	4
8 A	*ECOO28A	Economic Thoughts of Chh. Shahu Maharaj	60	60	40	4



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**Name of the Subject: ECONOMICS**  
**Course Structure under CBCS**  
**EQUIVALENCE**

**M.A.-I**

<b>Course Code</b>	<b>Title of Course</b>	<b>Course Code</b>	<b>Title of Course</b>
<b>SEMESTER I</b>			
<b>(I) Core / Compulsory Papers:</b>			
EC-1	Micro Economic Analysis	ECOC21	Micro Economic Analysis
EC-2	Monetary Economics	ECOC22	Monetary Economics
<b>(II) Elective/ Optional Papers :</b>			
EO-1	Agricultural Economics	ECOO21	Agricultural Economics
EO-2	Principles and Practice of Co-operation	ECOO22	Principles and Practice of Co-operation
ECO-1.1	Economy of Maharashtra (CBCS)	*ECOO22A	Economy of Maharashtra (CBCS)
<b>SEMESTER II</b>			
<b>(I) Core / Compulsory Papers:</b>			
EC-3	Public Economics	ECOC23	Public Economics
EC-4	Ecological and Resource Economics	ECOC24	Ecological and Resource Economics
<b>(II) Elective/ Optional Papers :</b>			
EO-3	Agricultural Development in India	ECOO23	Agricultural Development in India
EO-4	Financial Markets and Institutions	ECOO24	Financial Markets and Institutions
ECO-2.1	Economic Thoughts of Dr. B. R. Ambedkar (CBCS)	*ECOO24A	Economic Thoughts of Dr. B. R. Ambedkar (CBCS)

**M.A.-II**

Course Code	Title of Course	Course Code	Title of Course
<b>SEMESTER III</b>			
<b>(I) Core / Compulsory Papers:</b>			
EC-5	Statistics in Economic Analysis	ECOC25	Statistics in Economic Analysis
EC-6	Macro Economic Analysis	ECOC26	Macro Economic Analysis
<b>(II) Elective/ Optional Papers :</b>			
EO-5	Indian Public Finance	ECOO25	Indian Public Finance
EO-6	Economics of Transport and Communications	ECOO26	Economics of Transport and Communications
ECO-3.2	Demography	*ECOO26A	Demography
<b>SEMESTER IV</b>			
<b>(I) Core / Compulsory Papers:</b>			
EC-7	International Economics	ECOC27	International Economics
EC-8	Economics of Growth and Development	ECOC28	Economics of Growth and Development
<b>(II) Elective/ Optional Papers :</b>			
EO-7	Co-operative Thoughts and Administration	ECOO27	Co-operative Thoughts and Administration
EO-8	Welfare Economics	ECOO28	Welfare Economics
ECO-4.2	Economic Thoughts of Chh. Shahu Maharaj	*ECOO28A	Economic Thoughts of Chh. Shahu Maharaj



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**Department of Economics  
Choice Based Credit System**

**June 2019 onwards**

**M. A. Part- I (Semester- I)  
MICRO ECONOMICS ANALYSIS**

**Subject Code: ECOC21**

**Credit: 04**

**Teaching Hours: 60**

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**Preamble:**

This paper analyses the economic behavior of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of consumer behavior and demand analysis, production theory and behavior of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework in theory and applications as well. The paper also deals with the micro and macro theories of distribution, welfare economics, and general equilibrium in closed and open systems and analysis of economic behavior under uncertainty.

**Objectives:**

1. To study the methods of elasticity of demand
2. To understand demand forecasting methods
3. To study the production and cost theory
4. To classify the Market structure
5. To study the managerial theories of firm

**Outcomes:**

1. Understanding the methods of elasticity of demand & Demand Forecasting.
2. Explaining production and cost theory.
3. Ability to classify actual Market structure
4. Illustrate the value and use of managerial theories of firm.

**Unit – I Demand Analysis**

**(15 Periods)**

- 1.1 Indifference Curve : Properties- Consumer's equilibrium- Practical applications –Price, Income and Substitution effect
- 1.2 Revealed Preference Theory - Hicks Revision of Demand theory
- 1.3 Elasticity of Demand : Types and Methods of Measurement
- 1.4 Demand Forecasting : Methods and Importance

**Unit II Theory of Production and Costs**

**(15 Periods)**

- 2.1 Isoquants – Concept, Properties - Marginal Rate of Technical Substitution (MRTS)
- 2.2 Producer's equilibrium, Economic Region of production, optimal combination of resources, Expansion Path.

- 2.3 Cobb –Douglas production function - Constant Elasticity of Substitution (CES) - Variable Elasticity of Substitution (VES)
- 2.4 Modern approach of Production Cost Curves - Empirical Evidences

**Unit 3 Markets and Price - Output Determination (15 Periods)**

- 3.1 Monopolistic Competition – General and Chamberlin Approaches to equilibrium, equilibrium of the firm and the group of firms
- 3.2 Oligopoly : Price and Output Determination- Non-collusive: Cournot, Bertrand, Edgeworth, Paul Sweezy and Game theory
- 3.3 Collusive: Cartels – Joint Profit Maximization, Market sharing. Price leadership
- 3.4 Price and output determination under Monopsony & Bilateral Monopoly.

**Unit – 4 Managerial Theories of Firm (15 Periods)**

- 4.1 Baumol
- 4.2 Williamson - Marris
- 4.3 Full cost pricing of Hall and Hitch
- 4.4 Bain’s Limit Pricing Theory

**Practical work: Case Study / Field Survey / Field Visits / Project**

1. Empirical Analysis of above Theories
2. Case Studies on Production Function and their Properties
3. Case Studies on product differentiation
4. Case studies on measurement of Elasticity of demand.
5. Case studies on Demand Forecasting for different products of various firms
6. Exercises on calculation of production function and cost of production of different firms.
7. Exercises with Diagrammatic presentation of equilibrium of firms in Monopolistic and Oligopoly Markets under different conditions
8. Case studies on pricing strategies of firms and variation in the turnover and profit.
9. Exercises on Game theory

**REFERENCES**

1. Archibald, G. C. (Ed.) (1971), Theory of the firm, Penguin, Harmondsworth.
2. Bain, J. (1958), Barriers to New Competition, Harvard University Press, Harvard.
3. Baumol, W. J. (1982), Economic Theory and Operations analysis, Prentice Hall of India, New Delhi.
4. Broadway, R. W. and N. Bruce (1984), Welfare Economics, Basil Blackwell, London.
5. Bronfenbrenner, M. (1979), Income Distribution Theory, Macmillan, London.
6. Da Costa, G. C. (1980), Production, Prices and Distribution, Tata McGraw Hill, New Delhi.
7. Delhi.
8. Economics, McGraw Hill, New York.
9. Graff, J. De V. (1957), Theoretical Welfare Economics, Cambridge University Press, Cambridge.
10. Green, H. A. G. (1971), Consumer Theory, Penguin, Harmondsworth.
11. Green, H. and V. Walsh (1975), Classical and Neo-classical Theories of General Equilibrium,
12. H.L. Ahuja Advanced Economic Theory
13. Hansen, B. (1970), A Survey of General Equilibrium Systems, McGraw Hill, New York.

14. Healthfields and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan,
15. Henderson, J. M. and R. E. Quant (1980), Microeconomic Theory: A Mathematical Approach,
16. Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice Hall of India, New
17. Koutsoyiannis, A. (1979), Modern Microeconomics (2nd Edition), MacMillan Press, London.
18. Kreps, David M. (1990), a Course in Microeconomic Theory, Princeton University Press, Princeton.
19. London.
20. McGraw Hill, New Delhi.
21. Mishan, E. J. (1969), Welfare Economics: An Assessment, North Holland, Amsterdam.
22. Oxford University Press, London.
23. P. R. G. and A. W. Alters (1978), Microeconomic Theory, McGraw Hill, New York.
24. Quirk, J. and R. Saposnik (1968), Introduction to General Equilibrium Theory and Welfare
25. Sen, A. (1999), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
26. Stigler, G. (1996), Theory of Price, (4th Edition), Prentice Hall of India, New Delhi.
27. Varian, H. (2000), Microeconomic Analysis, W. W. Norton, New York.
28. Weintrub, E. R. (1974), General Equilibrium Theory, Macmillan, London.





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**Department of Economics**  
**Choice Based Credit System**

**June 2019 onwards**

**M. A. Part- I (Semester- I)**  
**MONETARY ECONOMICS**  
**Subject Code: ECOC22**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE:**

This paper analyses the significant role of 'Money' in the economy. It provides essential and thorough knowledge to the economics students relating to the theoretical aspects of money. It covers various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy. The paper also deals with Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. Since reforms introduced in financial sector, many new concepts have emerged in this sector. For the students of economics it is essential to understand and analyze these new concepts as well as monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.

**Objectives:**

1. To identify the role of Money in the economy
2. To study the theoretical aspects of Money
3. To understand the role of Monetary and Fiscal Policy
4. To measure Money Multiplier
5. To study the objectives and instruments of Monetary and Fiscal Policy

**Outcomes:**

1. Understanding the significant role of Money in the economy.
2. Examining the theoretical aspects of money.
3. Awareness regarding Role of Monetary and Fiscal Policy
4. Demonstrating Money Multiplier
5. Distinguishing Fiscal and Monetary Policy

**UNIT I: Evolution of Money and Monetary Targeting**

**(15 Period)**

- 1.1 Evolution of Money-Money and Near Money - Stock & Flow concept of money
- 1.2 Monetary targeting – Inflation Targeting
- 1.3 Interest Rate Targeting – Factors affecting Money Supply.
- 1.4 Standard System of Note Issue

**UNIT II: Money Supply and Money Multiplier**

**(15 Period)**

- 2.1 Money Supply- Determinants of Money Supply – Money supply function

- 2.2 Approaches to Money Supply – Money Supply & Liquidity
- 2.3 H theory of Money Supply – Factors affecting H – Adjusted H--- Is H autonomous policy variable?
- 2.4 Money Multiplier -Deposit Multiplier

**UNIT III: Theory of Demand for Money and Rate of Interest (15 Period)**

- 3.1 Cash Transaction Approach –Cash Balances Approach
- 3.2 Classical & Neo-classical Views on Holding Money –
- 3.3 Keynesian Theory of Demand for Money– Post Keynesian - Baumol Inventory Approach, Tobin Portfolio Approach, Real Balance Effect of Patinkin
- 3.4 Theories of Term Structure of Interest Rates (Expectation Theory, Segmented Market Theory, Risk Premium Theory and Preferred Habitat Theory).

**UNIT IV: Effectiveness of Monetary and Fiscal Policies (15 Period)**

- 4.1 Economic Stabilization and Monetary Policy
- 4.2 Effectiveness of Monetary Policy
- 4.3 Economic Stabilization and Fiscal Policy
- 4.4 Effectiveness of Fiscal Policy

**Practical work: Case Study / Field Survey / Field Visits / Project**

- 1. Review of literature on stock and flow concepts of money, velocity of money
- 2. Review of the trends in total and components of money supply in India
- 3. Empirical Analysis of above Theories
- 4. Review of recent monetary policies
- 5. Visit to RBI, SBI, SEBI, BSE, NSE, Monetary Museum

**REFERENCE**

- 1. Bain, Keith &Howells,Peter (2009), *Monetary Economics: Policy and Its Theoretical Basis*, Palgrave.
- 2. Bhole, L. M., *Financial Institutions and Markets: Structure, Growth and Innovation*
- 3. Chandler, L. V., *Economics of Money and Banking*.
- 4. Claassen Emil-Maria, (1996) *Global Monetary Economics*, Oxford University Press
- 5. Don Patinkin, *Money, Interest and Prices*
- 6. Einzing, P., *Monetary Policy: Ends & Means*
- 7. Friedman M, *Essays on Money*
- 8. Friedman, Ben & Hahn F.H. (Eds.), (1990), *Handbook of Monetary Economics*, Vols. 1, 2, & 3, North Holland Publishers.
- 9. Ghosh, B. N. & Ghosh Rama, *Monetary Economics*
- 10. Gupta, S.B. (1983), *Monetary Economics*, S. Chand & Company, New Delhi.
- 11. H. Johnson, *Essays in Monetary Theory*
- 12. Halm, G. N., *Monetary Economics*
- 13. Harris, L., *Monetary Theory*
- 14. IMF Reports
- 15. J. D. Von Pischke, *Finance at the Frontier: Debt, Capacity and Role of Credit in Private Economy*

16. Keynes, J. M., General Theory of Employment, Interest and Money. A. E. A., Readings in Monetary Theory
17. M. Friedman, Essay on Money
18. Mankiw N. Gregory(2012), Macroeconomics, Worth Publisher, New Yark
19. Mishkin Frederic (2007), *The Economics of Money Banking and Financial Markets, 8th ed* Addison Wesley Longman Publishers.
20. Newlyn, W. E., theory of Money
21. Niehans, J. (1984), International Monetary Economics, John Hopkins University Press, New York.
22. RBI Reports
23. Scammel, W. M., International Monetary Policy
24. Sen, S. N., central Banking in Underdeveloped Money Markets
25. Shaw, E. S., Money, Income and Monetary Policy A. C. L. Day, An Outline of Monetary Economics
26. Sheth. M. L (2016), Monetary Economics, LakshiNarain Agarwal, Agra.
27. World Bank Reports
28. Monetary Theory Mithani
29. Monetary Theory M.C.Vaishye



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Department of Economics  
Choice Based Credit System

June 2019 onwards

M. A. Part- I (Semester- I)  
**MONETARY ECONOMICS**  
Subject Code: ECOC22

Credit: 04

Teaching Hours: 60

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**PREAMBLE:**

This paper analyses the significant role of 'Money' in the economy. It provides essential and thorough knowledge to the economics students relating to the theoretical aspects of money. It covers various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy. The paper also deals with Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. Since reforms introduced in financial sector, many new concepts have emerged in this sector. For the students of economics it is essential to understand and analyze these new concepts as well as monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.

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**(15 Period)**

- 1.1 Evolution of Money-Money and Near Money - Stock & Flow concept of money
- 1.2 Monetary targeting – Inflation Targeting
- 1.3 Interest Rate Targeting – Factors affecting Money Supply.
- 1.4 Standard System of Note Issue

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**(15 Period)**

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- 4.4 Effectiveness of Fiscal Policy

**Practical work: Case Study / Field Survey / Field Visits / Project**

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3. Chandler, L. V., *Economics of Money and Banking*.
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5. Don Patinkin, *Money, Interest and Prices*
6. Einzing, P., *Monetary Policy: Ends & Means*
7. Friedman M, *Essays on Money*
8. Friedman, Ben & Hahn F.H. (Eds.), (1990), *Handbook of Monetary Economics*, Vols. 1, 2, & 3, North Holland Publishers.
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13. Harris, L., *Monetary Theory*
14. IMF Reports
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16. Keynes, J. M., General Theory of Employment, Interest and Money. A. E. A., Readings in Monetary Theory
17. M. Friedman, Essay on Money
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22. RBI Reports
23. Scammel, W. M., International Monetary Policy
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26. Sheth. M. L (2016), Monetary Economics, LakshiNarain Agarwal, Agra.
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**Department of Economics  
Choice Based Credit System  
June 2019 onwards  
M. A. Part- I (Semester- I)  
Agricultural Economics  
Subject Code: ECOO21**

**Credit: 04**

**Teaching Hours: 60**

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**Preamble:**

The objective of this course is to provide a detailed treatment of issues in agricultural economics to those intending to specialize in this area. It intends to familiarize students to analyze the issues related with agricultural and economic development, agricultural production function, agricultural demand and supply, farm management and agricultural risk management.

**Objectives:**

1. To analyze the policies of Agricultural sector.
2. To study the nature, scope and challenges of Agricultural sector
3. To analyze the agrarian distress
4. To study the system of farm management

**Outcomes:**

1. Acquaint with the policies and performance of Agriculture in Indian Economy.
2. Understanding the nature, scope, challenges and opportunities in Agricultural Sector
3. Analyzing the causes of agrarian distress and its remedies.
4. Awareness regarding the importance of farm management

**UNIT I: Introduction to Agricultural Economics**

**(15 Periods)**

- 1.1 Meaning, Nature, Scope and Importance of agricultural economics
- 1.2 Demand and supply behaviour in Agriculture: Elasticity of Demand – Approaches to study supply response- factors affecting supply response.
- 1.3 Difference Between Agriculture and Industry
- 1.4 Theories of agricultural development: Schultz, Mellor, Bosrup, Hayami and Ruttan

**UNIT II: Theory of Agricultural Production**

**(15 Periods)**

- 2.1 Basic concepts in agricultural Production: Agricultural production vis-à-vis industrial production – Features of modern agricultural production.
- 2.2 Factor- Product Relationship: Meaning & uses of agricultural production function- Agro-technology & production function- production function with one variable factor (traditional & modern approach).
- 2.3 Factor-Factor Relationship: Optimum factor combination- Effects of changes in factor price on factor usage –
- 2.4 Product-Product Relationship: Optimum Product Combination – Types of Enterprises Combinations

**UNIT III: Theory of Farm Management****(15 Periods)**

- 3.1 Farm management: Scope- Objectives- Farm management decisions-
- 3.2 Principles of farm management: Principles of Factor Substitution- Principles of Equi-Marginal Returns – Opportunity Cost Principle -Minimum Loss Principle – Principle of Comparative Advantage – Time Comparison Principle
- 3.3 New techniques of Farm management : Robotics – IOT – BOT- Artificial intelligence
- 3.4 Management of farm Resources: Land, Labour and Capital.

**UNIT IV: Risk Management****(15 Periods)**

- 4.1 Nature of Uncertainty in Agriculture: Price, Yield and Technological Uncertainty
- 4.2 Risks in Agriculture: Types of Risks: Climate, Drought, Rainfall, Production, Price, Financial and Market Risk
- 4.3 Risk Management Strategies: Crop Insurance as Risk Mitigation Tool & Management Strategy.
- 4.4 Crop Insurance, Weather Insurance, Farm Income Insurance, Livestock Insurance and Package Insurance.

**Practical work: Case Study / Field Survey / Field Visits / Project**

1. Contemporary Relevance of above theories
2. Case studies on agriculture production function
3. Case studies on firm management and efficiency measures
4. Case studies on firm management strategies
5. Case studies of farmers
6. Onsite visits

**Reading List :**

1. Bhende, M.J., 2005, Agricultural Insurance in India: Problems and Prospects, NABARD, Occasional Paper-44
2. Bilgram, S. A. R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
3. Christopher Ritson (1977), Agricultural Economics – Principles and Policy, CzosbyLuckwood Staples, London
4. Desai R G (2001): Agricultural Economics - Models Problems and Policy Issues, Himalaya Publishing House, Mumbai.
5. Donald J. Epp & John W. Malone (1981), Introduction to Agricultural Economics, Mc- Million Publishing Company, Inc. New York.
6. Ghatak, S. and K. Ingerscent (1984), Agriculture and Economic Development, Select books, New Delhi.
7. GOI (2007), Report of The Working Group on Risk Management in Agriculture for the Eleventh Five Year Plan (2007-2012) , GOI, New Delhi
8. Kumar K N R (2015): Agricultural Production Economics, Volume-I, Daya Publishing House, A Division of Astral International Pvt. Ltd, New Delhi.
9. Lekhi R K & Singh Jogindar (2013): Agricultural Economics, Kalyani Publisher, New Delhi.
10. Publishing House, Bombay.
11. Reddy, Ram, Sastry & Devi (2010): Agricultural Economics Oxford & IBH publishing Co. Pvt. Ltd, New Delhi.
12. Sadhu A. N. & Singh Amarjit, Fundamentals of Agricultural Economics, (1996), Himalaya
13. Soni, R. N. (1995), Leading Issues in Agricultural Economics, Arihant Press, Jalandhar. 7. Agriculture in Economic Development (1964), Carl Eicher and Lawrence Wit, McGraw Hill Book Company, New York





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**June 2019 onwards**  
**M. A. Part- I (Semester- I)**  
**PRINCIPLES AND PRACTICE OF CO-OPERATION**  
**Subject Code: ECOO22**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE**

Cooperative institutions have become an integral part of the success of Indian Financial Inclusion story. They have achieved many landmarks since their creation and have helped a normal rural and urban Indian to feel empowered and secure. The cooperative movement has a long history of more than hundred years. Indian cooperative structure is one of the largest networks in the world. It has about 67% penetration in villages and fund 46% of the rural credit. Under this backdrop the student should study the principles and role of cooperation in the modern era. The paper deals with structure of cooperatives, different types of credit and non credit cooperatives. It also covers various cooperative institutions operating at the national level.

**Objectives:**

1. To study the evolution of Cooperative Movement
2. To understand the nature and scope of Cooperative Movement
3. To study the relationship between cooperative movement and economic development
4. To analyze the progress and problems of cooperative institutions

**Outcomes:**

1. Recognizing the nature of co-operative movement
2. Interpreting the long history of co-operation
3. Identifying the role of co-operative movement in economic development
4. Analyzing the progress and problems of Cooperative Institutions

**Unit-I Introduction to Co-operation**

**(15 Periods)**

- 1.1 Cooperation - Meaning, characteristics, Significance – Modern Principles of co-operation
- 1.2 Cooperative Movement in India, Germany, England and Israil
- 1.3 Development of cooperation after Independence.
- 1.4 Cooperative Credit structure: Short term and Long term: Progress, Problems and Measures

**Unit- II : Non –Agricultural Cooperative Societies in India**

**(15 Periods)**

- 2.1 Cooperative Consumers Societies- organization, Progress, Problems and Measures
- 2.2 Cooperative Housing Societies- organization, Progress, Problems and Measures
- 2.3 Cooperative Labour Societies - organization, Progress, Problems and Measures
- 2.4 Cooperative Industrial Societies – organization, Progress, Problems and Measures

**Units- III Agro Based Cooperatives****(15 Periods)**

- 3.1 Agricultural Cooperative marketing
- 3.2 Dairy cooperatives –Dairy Farming in Denmark
- 3.3 Sugar cooperatives- Progress, Problems and Measures
- 3.4 Fertilizer Cooperatives: Indian Farmers Fertilizer Co-operative Ltd. (IFFCO)

**Unit- IV National Cooperative Institutions****(15 Periods)**

- 4.1 National Bank for Agricultural and Rural Development.
- 4.2 National Cooperative Development Corporation - National Agricultural Cooperative Marketing Federation
- 4.3 National Cooperative Union of India
- 4.4 The Khadi and Village Industries Commission (KVIC) Krashibharati Cooperative (KRIBHCO)

**Practical work: Case Study / Field Survey / Field Visits / Project**

1. Case study of different cooperative banks
2. Case study on Cooperative Consumers and Housing Societies,
3. Review on the progress and problems of Sugar and Dairy cooperatives
4. Critical analysis of the performance of NABARD, NCUI, IFFCO and KRIBHCO.
5. Onsite visits
6. Field Visits

**Reference Book**

1. Bedi, R. D., Theory, History and Practice of Co-operation with reference to Cooperation in Foreign countries.
2. Digby , World Cooperative Movement
3. Dr. R. C. Dwivedi, (1997), Co-operative Identity, Concept and Reality, M/S Paramount Publishing House, New Delhi
4. Hajela, T. N., Principles, Problem and Practice of cooperation, Ane Books Pvt. Ltd.; Student Edition edition (2015)
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6. Kamat, G. S., New Dimensions in Cooperatives, Himalaya Publishing House
7. Kulkarni, K. R. , Theory and Practice of cooperation in India and Abroad, Vols. I, II & III.
8. Mathur, B.S., Cooperation in India (Latest Edition).
9. NABARD – Statistical Statement Relating to the Cooperative Movement in India – Part I & II.
10. Patil, J. F. &Patil, V. S., (2006) Problems and Prospects of Co-operative Movement, Shivaji University, Kolhapur



**Rayat Shikshan Sanstha`s**  
**Chhatrapati Shivaji College, Satara**  
**(Autonomous)**  
**Department of Economics**  
**Choice Based Credit System**  
**June 2019 onwards**  
**M. A. Part- I (Semester- I)**  
**Economy of Maharashtra**  
**Subject Code: \*ECOO22A**

**Credit: 04**

**Teaching Hours: 60**

**Preamble:**

This paper would enable the students to know about basic features of economy of Maharashtra. The students would also be able to understand aspects of development of the state with various sectors. This paper introduces the problems faced by the economy of Maharashtra as well as various efforts of the institutions, NGOs and the Government to tackle them.

**Objectives:**

1. To study the strength of Economy of Maharashtra
2. To understand the new techniques of development of agriculture
3. To study the scope of Industrial Development of Maharashtra
4. To analyze the Public Finance of Maharashtra

**Outcomes:**

1. Demonstrate the importance of the Maharashtra economy in the national economy.
2. Identify the new techniques to develop agriculture in Maharashtra.
3. Discuss the scope of industrial development of Maharashtra.
4. Evaluate the public finance in Maharashtra.
5. Discuss the scope of service sector in Maharashtra.

**Unit I Introduction to Economy of Maharashtra**

**(15 Periods)**

- 1.1 Basic features of the economy of Maharashtra: Location, Structure, Land, Forest, Environment and Mineral resources.
- 1.2 Demography of Maharashtra: Size, Growth rate, Literacy rate, Sex ratio, Urban and rural population, Migration.
- 1.3 Growth and Structural changes in SGDP since 1991.
- 1.4 Place of Maharashtra in economic development of India.

**Unit II Agricultural Development of Maharashtra**

**(15 Periods)**

- 2.1 Significance of agriculture in the economy of Maharashtra: Contribution in SGDP, Land use and cropping pattern, Production and productivity, Horticulture, Fisheries and Livestock
- 2.2 Agriculture finance: Credit provided by banks and financial institutions, Crop insurance, Agriculture and budget of Maharashtra.

2.3 Irrigation in Maharashtra: Watershed Development Programme, Jalyukt Shivar, Pani Foundation movement.

2.4 Agrarian distress in Maharashtra- Agricultural policy of Maharashtra

**Unit III Industry and Service Sector of Maharashtra (15 Periods)**

3.1 Role of MIDC, SICOM, MSFC in industrial development

3.2 Strategy for industrial development in Maharashtra: SEZ, FDI

3.3 Role of service sector in economic development- Government initiatives for service sector development.

3.4 Regional disparities in Maharashtra: Causes and remedies

**Unit IV Public Finance of Maharashtra (15 Periods)**

4.1 Revenue: Structure and trends in revenue- GST.

4.2 Expenditure: Growth and composition

4.3 Public debt: Growth and composition- Trends in deficit

4.4 District Planning and Development Council (DPDC): Structure, objectives, functions and Process of district planning

**READING LIST**

1. Dastane Santosh- Asa Ha Maharashtra (Marathi Edition)
2. Government of Maharashtra: Economic Survey of Maharashtra, Various Issues.
3. Government of Maharashtra: Yojana magazine, Various Issues.
4. Kurulkar R. P. (1997) : Maharashtrachi Arthvyavastha (Marathi) Vidya Prakashan, Ruikar Marg, Nagpur.
5. Maharashtra Rajya Niyojan Mandal (2002) : Manav Vikas Ahawal, Maharashtra.
6. Munagekar Bhalchandra (2003) :The Economy of Maharashtra – Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai
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8. Patil J.F.(2010) :Suvana Mahotsavi Maharashtrachi Badalati Arthvyavastha (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune
9. Reserve Bank of India: Handbook of Statistics of Indian Economy
10. World Bank (2002) India :Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty



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**June 2019 onwards**  
**M. A. Part- I (Semester- II)**  
**PUBLIC ECONOMICS**  
**Subject Code: ECOC23**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE**

Role and functions of the Government in an economy have been changing with the passage of time. The term 'Public Finance' has traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of income, etc. There are vast array of fiscal institutions – tax systems, expenditure programmes, budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which raise a spectrum of issues arising from the operations of these institutions. Further, the existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice. This course/ paper combines a thorough understanding of fiscal institutions with a careful practical analysis of the issues which underline budgetary policies.

**Objectives:**

1. To study the role of Government in Economic Planning and Development of an economy
2. To understand the concepts of Public Choice and Public Policy
3. To study the theories of Public Expenditure
4. To understand the process of Project evaluation
5. To analyze the sources of Public Revenue
6. To study the causes of increasing Public Debt and suggest measures to reduce it.

**Outcomes:**

1. Understanding the role of government in economic planning and development.
2. Distinguishing public choice and public policy.
3. Interpreting the theories of public expenditure and project evaluation.
4. Ability to explain the role of taxation and public debt.

**UNIT I Role of Government**

**(15 Periods)**

- 1.1 Role of Government in a Mixed Economy; Government as an agent for economic planning and development.
- 1.2 Human Wants and Goods: Classification, Meaning and Features of human Wants and Goods; Private Goods, Public Goods and Merit Goods
- 1.3 Market Failure: Causes, Imperfections, Decreasing Costs.
- 1.4 Externalities: Economies and Diseconomies.

**UNIT II Public Choice and Public Policy** (15 Periods)

- 2.1 Private and Public Mechanism for Allocating of Resources
- 2.2 Problems of Revelation and Aggregation of Preferences; Absolute and Relative Unanimity  
Principle – Political Interactions Costs Theory
- 2.3 Provision of Public Goods: Voluntary exchange model of Wicksell and Lindahl -Impossibility of decentralized provision of public goods, Contributions of Musgrave
- 2.4 Demand Revealing Schemes for Public goods; Tiebout model, Theory of Club goods.

**UNIT III Theory of Public Expenditure and Project Evaluation** (15 Periods)

- 3.1 Theories: Wagner’s law if increasing state activities,-Wiseman – Peacock hypothesis, Pure theory of public expenditure, Colin Clark Hypothesis
- 3.2 Criteria of Public Investment
- 3.3 Project Evaluation, Social Cost -Benefit Analysis
- 3.4 Public Budget: Performance and Programme budgeting, Zero base budgeting

**UNIT IV: Theory of Taxation and Public Debt** (15 Periods)

- 4.1 Theory of Tax Incidence - Alternative Concepts of tax Incidence- Measurement of Tax Incidence -Theories of tax Incidence
- 4.2 Theories of Taxation: Benefit and Ability to pay approaches, Laffer Curve
- 4.3 The problem of double taxation
- 4.4 Theory of Public Debt: Importance, Sources, Classification of Public Debt-Burden of Public Debt: Views- Methods of Redemption- Principles of Debt Management

**Practical work: Case Study / Field Survey / Field Visits / Project**

1. Survey of Government and Planning- Classification of wants and goods – Market failure
2. Survey of allocating resources in Private sector and Public sector- Applications of above theories
3. Public Expenditure in Framework of theories
4. Reading and Interpretation and analysis of Public Budgets
5. Applying cost benefit analysis to public development projects
6. Survey of Tax payers
7. Analysis of Taxes in framework of theories
8. Studying debt of different governments in India

**REFERENCE**

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3. Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam.
4. Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
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17. Cutt, J. (1969), *Taxation and Economic Development in India*, Frederick A Praegar Publishers, New York.
18. Dorfman, R. (Ed.) (1970), *Measuring the Benefits of Government Investment*, Brookings Institution, Washington.
19. Duff, L. (1997), *Government and Market*, Orient Longman, New Delhi.
20. Ferguson, J. M. (Ed.) (1964), *Public Debt and Future Generations*, North Carolina University Press, Chapel Hill.
21. Friedman, A. (1986), *Welfare Economics and Social Choice Theory*, Martins Nijhoff, Boston.
22. Glennester, H. and J. Hills (1998), *The State of Welfare: The economic and Social Spending* Oxford University Press, London.
23. Goode, R. (1986), *Government Finance in Developing Countries*, Tata McGraw Hill, New Delhi.
24. *Goods and Club Goods*, Cambridge University Press, Cambridge.
25. Government of India (1985), *Long Term Fiscal Policy*, New Delhi.
26. Gulati, I. S. (1979), *Centre State Financial Relations: An Assessment of the Role of Finance Commission*, M. S. University of Baroda,
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28. Houghton, J. M. (1970), *The Public Finance: Selected Readings*, Penguin, Harmondsworth.
29. Jha, R. (1998), *Modern Public Economics*, Routledge, London.
30. Kaldor, N. (1955), *An Expenditure Tax*, George Allen and Unwin, London.
31. Lakdawala, D. T. (1967), *Union State Financial Relations*, Lalwani Publishing House, Mumbai.
32. Menutt, P. (1996), *The Economics of Public Choice*, Edward Elgar, U. K.
33. Mishan, E. J. (1982), *Cost-Benefit Analysis: An Informal Introduction*, George Allen and Unwin, London.
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42. Phyr, P. (1970), Zero Base Budgeting: A Practical Management Tool for Evaluating Expenses, John Wiley, New York.
43. Premchand, A. (1966), Control of Public Expenditure in India, Allied Publishers, New Delhi.
44. Reports of various Finance Commissions, Govt. of India.
45. Sahni, B. S. (Ed.) (1972), Public Expenditure Analysis : Selected Readings, Rotherdam University Press.
46. Shome, P. (Ed.) (1970), Tax Policy: Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington
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**Rayat Shikshan Sanstha's**  
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**Department of Economics**  
**Choice Based Credit System**  
**June 2019 onwards**  
**M. A. Part- I (Semester- II)**  
**ECOLOGICAL AND RESOURCE ECONOMICS**  
**Subject Code: ECOC24**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE**

Since 1972 onwards, the new branches of Economics such as Resource Economics, Environmental Economics, and Ecological Economics have been emerged. The efforts being undertaken for rapid and all round development which is contributing to rapid deterioration of quantity and quality of the natural resources. As a result, there is much discussion going on the planned use of the natural resources. This core course / paper

**Objectives:**

1. To study the nature, scope and importance of Natural Resources
2. To understand the concept and strategy of Sustainable Development
3. To Interpret the causes and effects of Pollution
4. To illustrate the concept of Sustainable Development

**Outcomes:**

1. Illustration of nature, scope, importance of natural resources.
2. Ability to formulate the strategy for sustainable development.
3. Understanding the value and optimum use of natural resources
4. Aware about the causes and effects of Pollution
5. Build the model for Sustainable Development.

**UNIT I Introduction to Natural Resources**

**(15 Periods)**

- 1.1 Introduction to Ecological & Resource Economics, Concept and Importance
- 1.2 Renewable and Non-renewable Natural Resources
- 1.3 Importance of Natural Resources in economic Development
- 1.4 Use Value and Non Use Value of Resources - Direct & Indirect Methods

**UNIT II Sustainable Development**

**(15 Periods)**

- 2.1 Concept, Indicators and importance of Sustainable Development
- 2.2 Strong and Weak Sustainability-Indicators of Non Sustainability
- 2.3 Bio-sphere and Economic growth
- 2.4 Optimal Extraction of Natural resources : Gray's & Hotelling's Model

**UNIT III Bioeconomics**

**(15 Periods)**

- 3.1 Bionomic equilibrium – Harvesting under open access
- 3.2 Socially optimal harvests under private property rights

- 3.3 Regulation of harvesting: Taxes, Quota, Sole ownership (with reference to fishery and forestry)
- 3.4 People's Movements against Natural Resource degradation

#### **UNIT IV EXTERNALITIES AND POLLUTION**

**(15 Periods)**

- 4.1 Externalities : Meaning, Types and Measures
- 4.2 Air, Water, Land and Noise Pollution : Meaning, Causes, Effects and Measures
- 4.3 Coase's bargaining solution and collective action,
- 4.4 Environmental Policy

#### **Practical work: Case Study / Field Survey / Field Visits / Project**

1. Survey of status of natural resources -Valuation of Natural resources.
2. Case studies on measurement of sustainable Development
3. Case studies on extraction of natural resources- Regulation of harvesting of natural resources
4. Case studies on measurement of pollutions
5. Survey of effects of pollution.
6. Field and Onsite Visits

#### **REFERENCE**

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3. Conrad, J. M. & Clark, C. W., Natural Resource Economics: Notes and Problems.
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13. Report on NCA. World Bank Reports, UNO Publications.
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16. The Hindu Survey of Environment, Various issues.
17. USAID, 2006, The Role of Property Rights in Natural Resource Management, Good Governance, and Empowerment of Poor Schlger& Ostrom, 1992, Property Rights Regime and Natural Resources: A Conceptual Analysis, University Wisconsin Press
18. World Resource Institute, World Resources, Annual Reports, Other publications.



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**Department of Economics**  
**Choice Based Credit System**

**June 2019 onwards**  
**M. A. Part I (Semester II)**  
**Agriculture Development in India**  
**Subject Code: ECOO23**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE:**

The paper analyses the development of Indian agriculture after the independence. The efforts made by the Government in the five year plans are included in this course. The role of technology, bio-technology, trade, agricultural marketing and price policy has to be studied with reference to Indian economy. The input services such as agricultural credit, irrigation, and changing crop pattern like organic and contract farming are included in the present syllabus.

**Objectives:**

1. To study nature, scope and challenges of Agricultural Sector
2. To explain the causes of Agrarian distress
3. To suggest the measures for reducing Agrarian Distress
4. To explain the plan for development of agricultural sector

**Outcomes:**

1. Understanding the nature, scope, challenges and opportunities in Agricultural Sector.
2. Analyze the causes of agrarian distress and remedies.
3. Elaborate the possible measures to reduce agrarian distress
4. Ability to prepare a plan for reforms regarding the Agriculture sector

**UNIT I Agriculture and Economic Development (15 Periods)**

- 1.1 Role of Agriculture in Indian Economy – Recent National Agricultural Policy
- 1.2 Land Reforms in India, National Commission on farmers and Agriculture,
- 1.3 Food security & Agricultural Development-Buffer Stock and Public Distribution System (PDS)
- 1.4 Animal Husbandry: Types & Growth of Livestock – Milk, Eggs & Meat production

**UNIT II Agricultural Technology and Irrigation (15 Periods)**

- 2.1 Mechanization of Agriculture
- 2.2 Biotechnology, Nano-technology and Agriculture
- 2.3 Irrigation: Sources, Progress, Policies & Strategies in India
- 2.4 White Revolution, Blue Revolution, Yellow Revolution

**UNIT III Agricultural Finance and Trade (15 Periods)**

- 3.1 Sources of Agricultural Finance – Institutional & Non-institutional
- 3.2 NABARD- Direct and Indirect Finance, RRBs and Agricultural Finance
- 3.3 Debt Waivers Scheme

### 3.4 Agriculture and International trade - WTO and Agriculture – Competitiveness of Indian agriculture

#### **UNIT IV Agricultural Marketing and Prices**

**(15 Periods)**

- 4.1 Agricultural Marketing: marketable surplus-Farmer's Share
- 4.2 Warehousing and Cold Storage Facilities, Container Corporation of India, Role of government in agricultural marketing; e-NAM
- 4.3 Regulated Markets - Co-operatives Marketing – Direct marketing -Farmers Organization in marketing, problems of Agricultural Marketing and measures
- 4.4 Agricultural Prices: Need of Price Policy – Instruments of price policy- CACP –National commission on Agriculture

#### **Practical work: Case Study / Field Survey / Field Visits / Project**

1. Case studies on land use and cropping pattern, organic farming, contract farming and PDS
2. Case studies on dairy, fisheries, biotechnology and irrigation
3. Case studies on Kisan Credit Card Scheme, RRBs agriculture foreign trade
4. Case studies on e-NAM, CACP and Regulated Market
5. Onsite Visits
6. Field Survey

#### **REFERENCES:**

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**Choice Based Credit System**  
June 2019 onwards

**M. A. Part I (Semester II)**  
**FINANCIAL MARKETS AND INSTITUTIONS**  
Subject Code: ECOO24

Credit: 04

Teaching Hours: 60

**PREAMBLE**

The positive and significant role of financial institutions in the process of growth and development has been very well recognized in the literature. And indeed has become more important during the last two decades as the financial systems of different countries have become integrated in the process of globalization. India is no exception and has taken far reaching measures since 1991 in this direction. It is, therefore, essential that the students of economics should be well conversant with the theory and practice of different financial institutions and markets to understand and analyse the interconnection between the monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international levels. This course also intended to provide practical experience and skill development modules in financial sector.

**Objectives:**

1. To interpret the performance of Financial Institutes
2. To study the nature, scope and challenges before Financial Markets
3. To illustrate policy reforms regarding Financial Market
4. To compare stock Markets of different countries

**Outcomes:**

1. Acquaint with the performance and important role of Financial Institutions.
2. Understanding the nature, scope, challenges and opportunities of financial markets.
3. Critically analyze the policy reforms of financial markets.
4. Distinguishing the Stock Markets in different Countries

**UNIT I Introduction to Financial System**

**(15 Period)**

- 1.1 Nature and Structure of Financial System, Role of Financial System
- 1.2 Intermediaries and participants in Financial Markets
- 1.3 Administrative structure of IFCI (Industrial Finance Corporation in India), Industrial Development bank of India) IDBI, (National Bank for Agricultural and Rural Development) NABARD
- 1.4 Administrative structure of SIDBI (Small Industries Development bank of India), National Housing Bank (NHB), Unit Trust of India (UTI), EXIM Bank.

**Unit II Financial Markets**

**(15 Period)**

- 2.1 Money Market : Role of RBI and SBI-Discout and Finance House of India(DHFI), Reforms in Money Market
- 2.2 Capital Market: Concept, Structure and Submarkets, financial Instruments
- 2.3 Role of Securities Exchange Board of India (SEBI), Reforms in Capital Market.
- 2.4 Stock Exchange : Bombay Stock Exchange (BSE), National Stock Exchange (NSE,) Multi Commodity Exchange (MCX)

**Unit III Risk Management in Financial Markets (15 Period)**

- 3.1 Types of Risks: Credit Risk, Liquidity risk, Market risk, Interest rate Risk and foreign Exchange Risk.
- 3.2 Credit Rating- Intuitions and Methodologies
- 3.3 Derivations – Meaning, types, Options and Swaps
- 3.4 Applications of statistical methods for risk estimations

**Unit IV International Financial Markets and Institutions (15 Period)**

- 4.1 Foreign Exchange – Type of Exchange Rates, Nature and function of foreign exchange Market, Participants of forex Market
- 4.2 Biggest Stock Exchanges in the World – London Stock Exchange, New York Stock Exchange, Hong kong Stock Exchange, Japan Stock Exchange Group – Tokyo
- 4.3 International Financial Institutions –International Monetary Fund ( IMF,) International bank for Reconstruction and Development (IBRD,) Asian Development Bank (ADB)
- 4.4 International Finance Corporation (IFC) and Bank for International Settlement – BIS

**Practical work: Case Study / Field Survey / Field Visits / Project**

1. Case studies on All India Financial Institutions
2. Case Studies on Indian and world's largest Stock exchanges, Reviews on Financial Market Policies.
3. Critical Reviews on Risk Management Mechanism, 52 week market trend of Derivatives
4. Case studies on Forex market in India, biggest stock markets in the world, International Financial Institutions
5. Onsite Visits
6. Field Survey SEBI, NSE, BSE, RBI, DHFI

**READING LIST**

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**Rayat Shikshan Sanstha's**  
**Chhatrapati Shivaji College, Satara**  
**(Autonomous)**  
**Department of Economics**  
**Choice Based Credit System**  
**June 2019 onwards**  
**M. A. Part I (Semester II)**  
**Economic Thoughts of Dr. B. R. Ambedkar**  
**Subject Code: \*ECOO24A**

**Credit: 04**

**Teaching Hours: 60**

**PREAMBLE**

Economic thoughts have a special importance in economic literature. The due care of economic thoughts is being taken by the History of Economic Thoughts, a very important branch of Mainstream Economics. This branch of economics deals with the economic thoughts and views of the great and well known economists from abroad as well as India. Dr. B.R. Ambedkar was a highly educated and trained economist not of national but international repute. He was also great economic visionary and an economic policy maker in the then government of India. His economic thoughts have a special importance in both the theoretical as well as applied perspectives. It is against this backdrop, the present course / paper elucidates the economic thoughts of Dr. B R Ambedkar in theoretical as well as applied perspectives coupled with his role in policy making for India.

**Objectives:**

1. To study the economic thoughts of Babasaheb Ambedkar
2. To understand Indian Currency System
3. To study thoughts on Development
4. To study the thoughts on Water and Power

**Outcomes:**

1. Equip with the thoughts on public finance and their empirical analysis.
2. Understand thoughts and policies on Indian currency system and the problem of the rupee.
3. Acquaint with thoughts on development,
4. Understand thoughts on water and power policy in India.

**UNIT I: DR. B. R. AMBEDKAR ON PUBLIC FINANCE (15 Periods)**

- 1.1 Thoughts on Finances of East India Company Government
- 1.2 Views on Provincial Finance
- 1.3 Thoughts on Taxation
- 1.4 Thoughts on Expenditure on Education

**UNIT II: DR. B. R. AMBEDKAR ON MONETARY ECONOMICS (15 Periods)**

- 2.1 Thoughts on Currency System
- 2.2 Debate between Keynes and Ambedkar
- 2.3 Views on Rate of Exchange



## 2.4 Thoughts on Central Bank

### **UNIT III: THOUGHTS OF DR. B. R. AMBEDKAR ON DEVELOPMENT POLICY AND WATER, IRRIGATION & POWER / ELECTRICITY (15 Periods)**

- 3.1 Thoughts on Development Policy
- 3.2 Thoughts about Water, Irrigation
- 3.3 Thoughts on Electricity
- 3.4 Views on Education

### **UNIT IV: THOUGHTS ON AGRICULTURE, LABOUR AND SOCIAL ISSUES (15 Periods)**

- 4.1 Dr. B. R. Ambedkar on Agriculture and Khoti System
- 4.2 Thoughts on Labour and Labour Welfare –
- 4.3 Thoughts on Population control and Family Welfare
- 4.4 Views on Caste, Class, Exclusion and Discrimination

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