

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
New Arts, Commerce, and Science College, Ahmednagar  
(Autonomous)  
(Affiliated to Savitribai Phule Pune University, Pune)**



**National Education Policy (NEP)  
Choice Based Credit System (CBCS)**

**Programme Framework**

**M. A. Economics**

Implemented from

**Academic Year 2023-24**

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**

**Board of Studies in Economics**

Sr. No.	Name	Designation
1.	Dr. Undre B. D.	Chairman
2.	Dr. Thakur B. P.	Member
3.	Dr. Waghmare S. M.	Member
4.	Dr. Kakade V.B.	Academic Council Nominee
5.	Dr. Deshmukh P.V.	Academic Council Nominee
6.	Dr. Rasal R. G.	Vice-Chancellor Nominee
7.	Dr. Kale S.B.	Alumni
8.	Mr. Pargaonkar Arvind	Industry Expert

**1. Prologue/ Introduction of the programme: At least one page**

Economics is that branch of economics which is concerned with the study of economic behaviour of individual economic units. It is useful in framing economic policies such as taxation policy, public expenditure policy, price policy etc. it is useful to consider three primary goals: economic growth, full employment (or low unemployment), and stable prices (or low inflation). Macro Economics is a core course that related to National Income, Concept of GDP, NNP, etc. to understand the concepts of international economics such as comparative cost, terms of trade, trade policies and trade agreements, to develop an understanding the Labour Markets and Wage Determination. to understand to the concepts Balance of Payments, Exchange Rates, Foreign Exchange transactions, International capital flows, etc. Ability to enable an understanding of Research and its methods under various areas of Economics, to develop an understanding the Rural Development.

## 2. Programme Outcomes (POs)

Students enrolled in the program complete a curriculum that exposes and trains students in a full range of essential skills and abilities. They will have the opportunity to master the following objectives.

1. To provide a thorough understanding of the principles of economics.
2. To enable students to apply Macro Economics concepts in various contexts.
3. To enable understanding the subject with reference to Mathematical Techniques in Economics.
4. To discuss the modern developments in Public Economics such as Budget, Planning etc.

## 5.2 Distribution of credits

Type of Courses	Total Credits	Credits/ Semester
Discipline-Specific Core Courses (DSC)	54	14 /12
Discipline Specific Elective Courses (DSE)	16	04
Research Methodology	04	Semester I only
On Job Training/ Internship	04	Semester II only
Project	10	Semesters III and IV only
<b>Total</b>	<b>88</b>	<b>22</b>

## 5.3 Master of Arts (M.A.) Course Distribution

Class	Semester	Subjects	Courses	DSC		DSE		RM/OJT/ Internship etc.		Project *	Total
				T	P*	T	P*	T	P*		
M. A. I	I	01	06	04	00	01	00	00	01	00	<b>06</b>
M. A. I	II	01	06	04	00	01	00	00	01	00	<b>06</b>
<b>Exist Option: Award of PG Diploma with 44 credits</b>											
M. A. II	III	01	06	04	00	01	00	00	00	01	<b>05</b>
M. A. II	IV	01	05	03	00	01	00	00	00	01	<b>05</b>

### 5.4. Master of Arts (M. A.) Credit Distribution

Class	Semester	Subjects	Courses	DSC		DSE		RM/OJT/ Internship etc.		Project *	Total Credits
				T	P*	T	P*	T	P*		
M. A. I	I	01	06	14	00	04	00	04	00	00	22
M. A. I	II	01	06	14	00	04	00	04	00	00	22
<b>Exist Option: Award of PG Diploma with 44 credits</b>											
M. A. II	III	01	05	14	00	04	00	00	00	04	22
M. A. II	IV	01	05	12	00	04	00	00	00	06	22
				<b>54</b>	<b>00</b>	<b>16</b>	<b>00</b>	<b>08</b>	<b>00</b>	<b>10</b>	<b>88</b>

\* The Board of Studies as per requirement may add practical courses without changing credits distribution and the number of courses prescribed for the specific class

### 5.5 Master of Arts (M. A.) Distribution of Courses

Class	Semester	Course and their credits			
		DSC	DSE	RM/O JT/ Interns hip etc.	Project *
M. A. I	I	DSC -01 (04)	DSE -01 (04)	RM (04)	NA
M. A. I	I	DSC -02 (04)			
M. A. I	I	DSC -03 (04)			
M. A. I	I	DSC -04 (02)			
M. A. I	II	DSC -05 (04)	DSE -02 (04)	OJT (04)	NA
M. A. I	II	DSC -06 (04)			
M. A. I	II	DSC -07 (04)			
M. A. I	II	DSC -08 (02)			
M. A. II	III	DSC-09 (04)	DSE -03 (04)	NA	Project (04)
M. A. II	III	DSC-10 (04)			
M. A. II	III	DSC-11 (04)			
M. A. II	III	DSC-12 (02)			
M. A. II	IV	DSC-13 (04)	DSE -04 (04)	NA	Project (06)
M. A. II	IV	DSC-14 (04)			
M. A. II	IV	DSC-15 (04)			

### Programme Framework (Courses and Credits): M. A. Economics

Sr. No.	Year	Semester	Level	Course Type	Course Code	Title	Credits
1.	I	I	6.0	DSC-01	MA-EC111T	Micro Economic Analysis-I	04
2.	I	I	6.0	DSC-02	MA-EC112T	Public Economics-I	04
3.	I	I	6.0	DSC-03	MA-EC113T	International Trade	04
4.	I	I	6.0	DSC-04	MA-EC114T	Quantitative Techniques in Economics-I	02
5.	I	I	6.0	DSE-01	MA-EC115T (A)	Rural Economics	04
6.	I	I	6.0	DSE-01	MA-EC115T (B)	Urban Economics	04
7.	I	I	6.0	RM-01	MA-EC116T	Research Methodology	04
8.	I	II	6.0	DSC-05	MA-EC121T	Micro Economic Analysis-II	04
9.	I	II	6.0	DSC-06	MA-EC122T	Public Economics-II	04
10.	I	II	6.0	DSC-07	MA-EC123T	International Finance	04
11.	I	II	6.0	DSC-08	MA-EC124T	Quantitative Techniques in Economics-II	02
12.	I	II	6.0	DSE-02	MA-EC125T (A)	Labour Economics	04
13.	I	II	6.0	DSE-02	MA-EC125T (B)	Agriculture Economics	04
14.	I	II	6.0	OJT-01	MA-EC126T	On Job Training	04
15.	II	III	6.5	DSC-09	MA-EC231T	Macro Economic Analysis-I	04
16.	II	III	6.5	DSC-10	MA-EC232T	Growth and Development-I	04
17.	II	III	6.5	DSC-11	MA-EC233T (A)	Demography	04
18.	II	III	6.5	DSC-11	MA-EC233T (B)	Modern Banking	04
19.	II	III	6.5	DSC-12	MA-EC234T	Industrial Economics	02
20.	II	III	6.5	DSE-02	MA-EC235T	History of Economic Thought-I	04
21.	II	III	6.5	RP-01	MA-EC236T	Research Project	04
22.	II	IV	6.5	DSC-13	MA-EC241T	Macro Economics Analysis-II	04
23.	II	IV	6.5	DSC-14	MA-EC242T	Growth and Development-II	04
24.	II	IV	6.5	DSC-15	MA-EC243T (A)	Economics of Environment	04
25.	II	IV	6.5	DSC-15	MA-EC243T (B)	Public Policy	04
26.	II	IV	6.5	DSE-03	MA-EC244T	History of Economic Thought-II	04
27.	II	IV	6.5	RP-02	MA-EC245T	Research Project	06

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**Syllabus**  
**M. A. Economics**

Title of the Course: Micro Economic Analysis-I								
Year: I				Semester: I				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-1	MA-EC111T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Basic Micro Economic Problems of Scarcity and Choice.
2. To ability to develop an understanding the The Market forces of Demand and Supply.
3. To ability to develop an understanding the Production Function, Types, Features of Production Function.
4. To ability to develop an understanding the Social Welfare Function, Compensation Criteria.

**Course Outcomes (Cos)**

1. Ability to apply the concepts of micro economics such as Demand, Supply, Revenue, Cost etc.
2. Ability to analyze and demonstrate knowledge of the basic theories Consumer Theory.
3. The student should be able to evaluate Microeconomic concepts and Production Theory.
4. Ability to apply the concepts of micro economics such as Social Welfare Function etc.
5. Ability to apply the Amartya Sen- Concepts of Social Choice and Welfare.

**Detailed Syllabus:**

<b>Unit 1 Introduction</b>	<b>10</b>
1.1 Micro Economics- Meaning, Nature and Scope	
1.2 The Basic Principles of Micro Economics	
1.3 Basic Micro Economics Problems of Scarcity and Choice	
<b>Unit 2 Consumer Theory</b>	<b>16</b>
2.1 The Market forces of Demand and Supply	

2.2	The Theory of Consumer Choice: Preference Ordering, Marginal Utility Theory, Equi 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 Concept and Types of Elasticity of Demand: Price, Income and Cross Elasticity of Demand	
2.5	The Concept of Consumers Surplus.	
2.6	Modern Demand Theory – Introduction to Choose under Uncertainty (Von Newman-Morgenstern Expected Utility Theory); Pragmatic Approach to Demand Analysis	
<b>Unit 3</b>	<b>Production Theory</b>	<b>16</b>
3.1	Production Function- Meaning, Types and Features, 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	Concept of Total, Average and Marginal Cost, Short Run and Long Run Cost Curve	
3.5	Concept of Producers Surplus	
<b>Unit 4</b>	<b>Introduction to Welfare Economics</b>	<b>18</b>
4.1	Concept of Social Welfare	
4.2	Pigou's Contribution to Welfare Economics	
4.3	Pareto Optimality, Product Exhaustion Theorem (Eulers Theorem)	
4.4	Social Welfare Function, Compensation Criteria	
4.5	Arrow's Impossibility Theorem	
4.6	Amartya Sen- Concepts of Social Choice and Welfare	

**Suggested Readings/Material:**

1. D.N.Dwivedi: (2011) Micro Economics – Pearson Publication, New Delhi.
2. Misra S.K. and V.K. Puri: (2001): Advanced Microeconomic Theory, Himalaya Publishing House, New Delhi.

3. Mansfield, E.: (1997), Micro Economics, W. W. Norton and Company, New York.
4. Mankiw, N.G.: (2002), Principles of Economics, Thomson Asia Pvt. Ltd., Singapore.
5. Salvatore, D.: (2003), Micro Economics, Oxford University Press.
6. Sen Amartya: (2017) 'Collective Choice and Social Welfare' Penguin [Original Edition (1970)]
7. Kenneth Arrow, Amartya Sen and Kotaro Suzumura: (2001) 'Handbook of Social Choice and Welfare'



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Title of the Course: Public Economics-I								
Year: I				Semester: I				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-2	MA-EC112T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Fiscal Functions of Modern Governments.
2. To ability to develop an understanding the Rationale for Public Policy.
3. To ability to develop an understanding the Principles of Taxation.
4. To ability to develop an understanding the Criteria for Public Investment.

**Course Outcomes (Cos)**

1. Ability to understand concepts and theories in public economics.
2. Ability to understand the theory of public economics in real life situations.
3. Ability to understand the Provision of Public Goods.
4. Ability to understand the Principles of Taxation
5. Ability to understand the Structure and Growth of Public Expenditure.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Introduction</b>	<b>10</b>
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 Policy to Welfare State)	
1.2	Private Goods, Public Goods, Social Goods, Merit Goods, Club Goods	
1.3	Public Finance and other Social Sciences- The Mutual relationship	
<b>Unit 2</b>	<b>Rationale for Public Policy</b>	<b>16</b>
2.1	Allocation of Resources- Provision of Public Goods.	
2.2	Voluntary Exchange Models- Lindahl, 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	
<b>Unit 3</b>	<b>Taxation</b>	<b>18</b>
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	
<b>Unit 4</b>	<b>Public Expenditure</b>	<b>16</b>
4.1	Wagners Law of Increasing State Activities	
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, Concepts of Project Evaluation, Estimation of Costs, Discount Rates	

**Suggested Readings/Material:**

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
4. Musgrave, Richard A and Musgrave, Peggy B: (1989), Public Finance in Theory and Practice, Tata McGraw Hill
5. Stiglitz, Joseph E :(1999), Economics of the Public Sector, W. W. Norton and Company

**Recommended Readings:**

1. Buchanan, J.M. :(1968), The Demand and Supply of Public Goods, Rand McNally, Chicago
2. Cornes, R. and T. Sandler: (1986), The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge.
3. Duff, L. :(1997), Government and Market, Orient Longman, New Delhi.
4. Herber, B.P. :(1967), Modern Public Finance, Richard D. Irwin, Homewood.
5. Spulber, N. :(1998), Redefining the State, Cambridge University Press, Cambridge.
6. Dorfman, R. (Ed.): (1970), Measuring the Benefits of Government Investment, Brookings Institution, Washington.
7. Herber, B.P. :(1967), Modern Public Finance, Richard D. Irwin, Homewood
8. Mueller, D.C.: (1979), Public Choice, Cambridge University Press, Cambridge.
9. Spulber, N. (1998), Redefining the State, Cambridge University Press, Cambridge.
- Stiglitz, J.E. (1986), Economics of Public Sector, Norton, New York.

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**Syllabus**  
**M. A. Economics**

Title of the Course: International Trade								
Year: I				Semester: I				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-3	MA-EC113T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Overview of Classical and Modern Trade Theories.
2. To ability to develop an understanding the Concepts of Terms of Trade.
3. To ability to develop an understanding the Trade Policy.
4. To ability to develop an understanding the Trade Agreements and Organization.

**Course Outcomes (Cos)**

1. Ability to understand the concepts of international economics such as comparative cost, terms of trade, trade policies and trade agreements.
2. Ability to interpret and apply theory relating to understand international trade.
3. Ability to discuss and debate the effects of trade policy, trade agreements, exchange rate policies on the world economy/trade.
4. Ability to understand the concepts of Trade Policy.
5. Ability to understand the concepts of Trade Agreements and Organization.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Overview of Classical and Modern Trade Theories</b>	<b>20</b>
1.1	International Trade- Concept and Role of International Trade	
1.2	The Theory of Absolute Cost Advantage- Adam Smith	
1.3	The Theory of Comparative Cost- David Ricardo	
1.4	The Heckscher-Ohlin Theorem- The Opportunity Cost Approach	
1.5	Leontief Paradox	
1.6	Factor Price Equalization	
1.7	New Theories of Trade- Product Life Cycle and Technology Gap Models	

1.8	Preference Similarity and Intra-Industry Trade	
1.9	Krugman- Theory of Economic Geography	
1.10	Neo-Heckscher Ohlin Theorem	
<b>Unit 2</b>	<b>Terms of Trade</b>	<b>12</b>
2.1	Concepts of Terms of Trade	
2.2.	Determinanats of Terms of Trade	
2.3	Importance of Terms of Trade	
2.4	Types of Terms of Trade	
2.5	Causes of Unfaovurable Terms of Trade to developing Countries	
<b>Unit 3</b>	<b>Trade Policy</b>	<b>16</b>
3.1	Free Trade vs. Controlled Trade	
3.2	Consept of Tariffs	
3.3	Types of Tariffs	
3.4	Non-Tariff Barriers on Trade	
3.5	Effects of Tariffs under Partial Equilibrium. (Price Effect, Terms of Trade Effect, Competitive Effect, Income Effect, Revenue Effect)	
3.6	Effects under General Equilibrium	
<b>Unit 4</b>	<b>Trade Agreements and Organization</b>	<b>12</b>
4.1	Introduction to International Trade Agreements-	
4.2	Dunkel Proposal	
4.3	WTO- Important Agreements	
4.4	Growth of Trade in Services	
4.5	Developing Countries and participation in Global Trade	

**Suggested Readings/Material:**

1. Gupta, K.R.(latest edition): “International Economics”, AtmaRam & Sons, Delhi
2. Kindleberger, C.P. International Economics, R.D. Irwin, Homewood
3. Salvatore, D. (1997), International Economics, Prentice Hall, New York
4. Salvatore, D. (Latest edition.) “International Economics”, Prentice Hall, NY
5. Soderston, Bo (2005), International Economics, The Macmillan Press Ltd., London
6. Srivastava, O.S.(latest edition), “International Economics”, Kalyani Publishers

**Recommended Readings:**

1. Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill.
2. Paul R. Krugman & Maurice Obstfeld (2009) International Economics Theory and Policy. Pearson Education Publication New Delhi
3. James Gerber (2012) International Economics Pearson Publication. ND
4. Paul, Justin (2004) ed., “International Business”, Prentice-Hall India Pvt. Ltd
5. Pugel T.A (2008) “International Economics”, Tata McGraw-Hill

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<b>Title of the Course: Quantitative Techniques in Economics-I</b>								
<b>Year: I</b>				<b>Semester: I</b>				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-4	MA-EC114T	02	00	02	30	15	35	50

**Learning Objectives:**

1. To ability to develop an understanding the Consumer Surplus and Producers Surplus.
2. To ability to develop an understanding the Types of of Correlation Analysis.
3. To ability to develop an understanding the Importance of Hypothesis.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject with reference to Mathematical Techniques in Economics.
2. Ability to develop an understanding of Meaning of Correlation Analysis.
3. Ability to develop an understanding Meaning of Hypothesis.
4. Ability to develop an understanding of Testing of Hypothesis.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Mathematical Techniques in Economics</b>	<b>08</b>
1.1	Consumer Surplus and Producers Surplus	
1.2	Application of Elasticity in Demand and Supply Analysis	
1.3	Relationship among Total, Average and Marginal Revenue and Cost	
<b>Unit 2</b>	<b>Correlation Analysis</b>	<b>10</b>
2.1	Meaning of Correlation Analysis	
2.2	Types of of Correlation Analysis	
2.2.1	Positive and Negative Correlation	
2.2.2	Linear and Non Linear Correlation	
2.2.3	Partial and Multiple Correlation	
<b>Unit 3</b>	<b>Hypothesis</b>	<b>12</b>
3.1	Meaning of Hypothesis	

- 3.2 Characteristics of Hypothesis
- 3.3 Types of Hypothesis
- 3.4 Importance of Hypothesis
- 3.5 Testing of Hypothesis- Meaning and Definition
- 3.6 T, F, Z, Test and Chi-Square Test

**Suggested Readings/Material:**

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
3. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons; New Delhi.

**Recommended Readings:**

4. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, New Delhi.
5. Y. R. Mahajan- Problems in Statistics, Pimpalpure and Company Publishers, Nagpur



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<b>Title of the Course: Rural Economics</b>								
<b>Year: I</b>				<b>Semester: I</b>				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSE-01	MA-EC115T (A)	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Rural Development.
2. To ability to develop an understanding the Status of Rural Infrastructure in India.
3. To ability to develop an understanding the Role and Relevance of Source of Rural Credit.
4. To ability to develop an understanding the Agriculture and Unemployment- Causes and Measures.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of rural economies.
2. Ability to develop an understanding of the rural sector and challenges of agriculture Indian Economy.
3. Ability to understand the concepts of Rural Infrastructure in India.
4. Ability to understand the concepts of Source of Rural Credit.
5. Ability to understand the concepts of Rural Employment and Unemployment.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Rural Development</b>	<b>14</b>
1.1	Structure of Rural Economy of India	
1.2	Rural Development- Concept, Scope, Objectives and Importance, Need and Issues of Rural Development.	
1.3	Approaches to Rural Development-Gandhian and Neo-Approach (PURA)	
1.4	Concept and Features of Contract Farming, Corporate Farming, SEZs Policy	
1.5	Rural Development and Sustainable Livelihoods- Technology,	

	Environment and Community	
<b>Unit 2</b>	<b>Rural Infrastructure</b>	<b>16</b>
2.1	Status of Rural Infrastructure in India- Transport, Communication, Electricity, Irrigation, Housing, Education, Sanitation and Health	
2.2	HDI in Rural India-Meaning, Importance of Human Resources Development	
2.3	Difference and Challenges of Farm Sector vs. Non-Farm Sector	
2.4	Rural Industrialization- Concept of Agro-based and Agri-Business- Functions, Nature and Scope, Cottage Industries-Meaning Problems and Measures	
2.5	Development of Rural Entrepreneurship –Approach and Policy Direction	
<b>Unit 3</b>	<b>Rural Credit</b>	<b>14</b>
3.1	Role and Relevance of Source of Rural Credit- Non-Institutional and Institutional Sector- (NABARD), Commercial Bank and Cooperative Banks	
3.2	Indebtedness in Rural Sector in India- Magnitude, Causes and Measures	
3.3	Rural Credit and Role of Microfinance in India, Kisan Credit Card Merits and Demerits	
3.4	Challenges of Rural Credit	
<b>Unit 4</b>	<b>Rural Employment</b>	<b>16</b>
4.1	Rural Employment and Unemployment, Meaning and Definitions	
4.2	Agriculture and Unemployment- Causes and Measures, Opportunity in Rural Areas	
4.3	Concepts of Labour Market Segmentation, Gender Differences, Women Empowerment	
4.4	Unemployment and Migration- Causes and Policy Intervention	
4.5	Rural Poverty and Inequality- Measurements, Causes and Policy Measures	
4.6	Need for Inclusive Growth in Rural Sector	

**Suggested Readings/Material:**

1. Jodhka Surinder S.: (2018) 'Handbook of Rural India (Reading on Economy, Polity and Society) EPW, Orient Blackswan Publication
2. Katar Singh, Anil Shidhodia :(2016) Rural Development: Principles, Policies and Management, Sage Publications
3. Parthasarathy G :(2003) Economic Reforms and Rural Development in India: Analysis of Pros and Cons of Structural Adjustment and Liberalization Policies and its Effect on Rural Development' Academic Foundation
4. Datt & Sundharam (Latest)'Indian Economy' S Chand & Co., New Delhi,
5. Dhingra, Ishwar:(2006), 'Indian Economy' Sultan Chand and Sons, New Delhi
6. Misra S.K. and V.K. Puri 'Indian Economy' HPH, New Delhi (Latest Edition)

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<b>Title of the Course: Urban Economics</b>								
<b>Year: I</b>				<b>Semester: I</b>				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSE-01	MA-EC115T (B)	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Urban Development.
2. To ability to develop an understanding the Status of Urban Infrastructure in India.
3. To ability to develop an understanding the Role and Relevance of Source of Financing of Urban Infrastructure
4. To ability to develop an understanding the Urbanization and Environmental Issues

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject with reference to various aspects of urban economies.
2. Ability to develop an understanding of the urban challenges of urbanization in the Indian Economy.
3. Ability to develop an understanding of the Urban Infrastructure and Labour Markets.
4. Ability to develop an understanding of the Economies of Agglomeration and Economies of Localization.
5. Ability to develop an understanding of the Challenges of Urbanization.

**Detailed Syllabus:****Unit 1 Urbanization****18**

- 1.1 Urbanization-Meaning and Significance, Reasons for Urbanization
- 1.2 Classification of Urban Spaces/Areas, Identification of Urban Spaces
- 1.3 Classification of Urban Settlements- Historical, Socio-Economic, Political, Technological and Geographical
- 1.4 World Bank Indicators on Urbanization and Urban Development

1.5	Urbanization Trends- Comparative in Developed and Developing Countries	
1.6	Rural Urban Linkages with special reference to India	
<b>Unit 2</b>	<b>Models of Urban Development</b>	<b>14</b>
2.1	Locational Equilibrium with Urban Economic Growth- Employment, Technology Change and Environment	
2.2	Macro-spatial Patterns in Urban Development	
2.3	Locational Equilibrium with urban economic Growth-Employment, Technology change and Environment	
2.4	Concept of Urban Agglomerations, Urban clusters, Urban Shadows, Urban Dispersals, Urban Corridors and Axes	
<b>Unit 3</b>	<b>Urban Infrastructure and Labour Markets</b>	<b>14</b>
3.1	Urban Infrastructure- Concept and Role of Housing, Water Supply, Sanitation, Electricity, Public Transport, Education, Health Services, Sewerage Drainage System	
3.2	Financing of Urban Infrastructure- Urban Value Creation, Role of Urban Local Bodies	
3.3	Urban Labour Markets- Migration, Hierarchy, Segmentation, Impact of Globalization	
3.4	Economies of Agglomeration and Economies of Localization	
<b>Unit 4</b>	<b>Challenges of Urbanization</b>	<b>14</b>
4.1	Urban Congestion, Urban Sprawls	
4.2	Urban Labour Force, Unemployment of Urban Informal Sector	
4.3	Urban Poverty, Housing and Slums	
4.4	Urbanization and Environmental Issues	
4.5	Urban Planning	

**Suggested Readings/Material:**

1. O'Sullivan, A :(2009) Urban Economics, McGraw Hill Publication
2. Mohanty Prasanna :(2014) 'Cities and Public Policy' Sage Publications
3. Mohanty Prasanna: (2014) 'Financing Cities in India' Sage Publications
4. Ramchandran R. :(1989) 'Urbanization and Urban System in India', OUP
5. Ray Chaudhari J: (2001) "An Introduction to Development & Regional Planning with special reference to India." Orient Longman, Kolkata.
6. Shukla, V :(1996) "Urbanization and Economic Growth" HPH

**Reference Books:**

1. Asian Development Bank :(2009) 'Urban Poverty in India' BS Books
2. Edwin S. Mills :(1980) 'Urban Economics', Scott, Foresman and Co. London.
3. Gillis, M, Perkins, D, Roemer. P, D.R. Snodgrass (1983) 'Economics of Development'. W.W. Norton & Co. Inc.
4. Isher Judge Ahluwalia, Ravi Kanbur, P. K. Mohanty (2014) 'Urbanization in India: Challenges, Opportunities and the Way Forward', Sage Publications
5. Mills, Edwin.S :(2004) 'Handbook of Regional & Urban Economics', Volume 2- Urban Economics, (Ed.) Elsevier North Holland, The Netherlands.
6. Ray, Debraj :(2011) 'Development Economics' Oxford University Press.
7. Shukla Vibooti :(1988) 'Urban Development and Regional Policy in India: An Econometric Analysis', Himalaya Publishing House, Mumbai.
8. Sobhan Rehman :(2010) 'Challenging the Injustice of Poverty: Agendas for
9. Inclusive Development in South Asia' Sage Publications
10. Sivaramakrishnan K.C., Kundu A. & Singh B.N. (2010), 'Handbook of Urbanization in India', OUP

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Title of the Course: Research Methodology								
Year: I				Semester: I				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
RM-01	MA-EC116T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Social Science Research.
2. To ability to develop an understanding the Research Design.
3. To ability to develop an understanding the Collection of Data.
4. To ability to develop an understanding the Importance of Research Report.

**Course Outcomes (Cos)**

1. Ability to develop, demonstrate and examine topics under Economics to pursue research.
2. Ability to evaluate and examine subject areas in economics and explore possibilities of research.
3. Ability to enable an understanding of Research and its methods under various areas of economics.
4. Ability to demonstrate the practical and the applied aspects of research in relation to Economics.
5. Ability to demonstrate the practical and the applied aspects of research in relation to Economics

**Detailed Syllabus:****Unit 1 Introduction to Research**

16

- 1.1 Research: Meaning and Definition
- 1.2 Social Science Research - Meaning, Nature, Scope and Importance
- 1.3 Methods of Economics Research: Meaning, Scope, Nature and Importance
- 1.4 Stages of Scientific Research

1.5	Review of Literature- Need, Scope, Use and Precautions	
<b>Unit 2</b>	<b>Research Problem and Design</b>	<b>12</b>
2.1	Research Problem: Meaning, Identification and Selection of Research Problems	
2.2	Research Design: Meaning, Objective, Need and Characteristics	
2.3	Types of Research Design: Descriptive, Diagnostic, Exploratory, Experimental	
2.4	Major Steps of Research Design	
<b>Unit 3</b>	<b>Data Collection</b>	<b>18</b>
3.1	Collection of Data – Meaning and Importance	
3.2	Sources of Data – Primary Data and Secondary Data	
3.3	Methods of Primary Data Collection- Observation Method, Interview Method, Schedule Method, Questionnaire Method	
3.4	Secondary Data Sources	
3.5	Sampling Method –Meaning and Types (Probability and Non-Probability)	
3.6	Data Analysis	
3.6.1	Computer Use of Data Analysis	
<b>Unit 4</b>	<b>Report Writing</b>	<b>14</b>
4.1	Objective of Report Writing	
4.2	Importance of Research Report	
4.3	Features of Research Report	
4.4	Steps/ Element of Research Report	
4.5	Report Writing: Considerations and Precautions, Ordering References, Bibliography and Appendix in Research	

### **Suggested Readings/Material:**

1. Banamati Mohanty (2015) Statistics for Behavioral and Social Sciences‘Sage Texts
2. Bryman Alan (2018) Social research methods‘OUP
3. Cooper Donald R. & Pamela S. Schindler (1999), Business Research Methods, Tata McGraw-Hill Edition, New Delhi
4. Flick Uwe (2011) Introducing Research Methodology‘Sage Publications
5. Kothari C. R, Gaurau Garg (2019) Research Methodology, Methods and Techniques, New Age International Publications, 4th Edition
6. Kumar Ranjit, (2012), Research Methodology 2nd Ed, Pearson Education
7. Wilkinson and Bhandarkar (2016) Methodology and Techniques of Social Science Research.



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Title of the Course: Micro Economic Analysis-II								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-5	MA-EC121T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Perfect Competition.
2. To ability to develop an understanding the Price Discrimination under Monopoly.
3. To ability to develop an understanding the Monopolistic Competition.
4. To ability to develop an understanding the Game Theory.

**Course Outcomes (Cos)**

1. Ability to apply the concepts of micro economics such as demand, supply, revenue, cost, elasticity, etc.
2. Ability to compare and contrast various market structures and understand concept of equilibrium, price determination
3. The student should be able to evaluate microeconomic concepts, models and its use in real life situations.
4. Ability to apply the concepts of Monopoly, Monopolistic Competition etc.
5. Ability to apply the concepts of Game Theory.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Perfect Competition</b>	<b>08</b>
1.1	Perfect Competition- Meaning and Features	
1.2	Short Run and Long Run Equilibrium of a Firm and Industry	
<b>Unit 2</b>	<b>Monopoly Competition</b>	<b>12</b>
2.1	Monopoly Competition-Meaning, Features and Short Run and Long Run Equilibrium of a Firm	
2.2	Price Discrimination, Degrees of Price Discrimination under Monopoly	

2.3	Regulation of Monopoly Power	
<b>Unit 3</b>	<b>Monopolistic Competition</b>	<b>14</b>
3.1	Monopolistic Competition-Meaning and Features, Non-Price Competition, Short Run and Long Run Equilibrium a Firm	
3.2	Concepts of Product Differentiation, Selling Costs and Excess Capacity	
<b>Unit 4</b>	<b>Oligopoly</b>	<b>14</b>
4.1	Oligopoly-Meaning and Features, Kinky Demand Curve	
4.2	Non-collusive Oligopoly, Cournot- Bertrand Solution	
4.3	Collusive Oligopoly, Price Leadership, Cartels	
<b>Unit 4</b>	<b>Introduction to Game Theory</b>	<b>12</b>
4.1	Game Theory, Basic Concepts: Dominant Strategy Equilibrium,	
4.2	Nash Equilibrium, Repeated and Sequential Games	

**Suggested Readings/Material:**

1. Misra S.K. and V.K. Puri :(2001): Advanced Microeconomic Theory, Himalaya Publishing House, New Delhi.
2. Mansfield, E.: (1997), Micro Economics, W. W. Norton and Company, New York.
3. Mankiw, N.G.: (2002), Principles of Economics, Thomson Asia Pvt. Ltd., Singapore.
4. Salvatore, D. :(2003), Micro Economics, Oxford University Press.

**Recommended Readings:**

1. Arthur O’Sullivan: (2013) Micro Economics: Principles, Applications and Tools, Pearson Publication
2. Dominick Salvatore :(2003) Principles of Microeconomics, OUP, 5th Edition
3. Hirschleifer J and A. Glazer: (1997): Price Theory and Applications, Prentice Hall of India, New Delhi.
4. James Gerber :(2012) Microeconomics, Pearson Publication New Delhi
5. Kreps, David, M :(1990): A Course in Microeconomic Theory, Princeton University Press.

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<b>Title of the Course: Public Economics-II</b>								
<b>Year: I</b>				<b>Semester: II</b>				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-6	MA-EC122T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Public Finance in India.
2. To ability to develop an understanding the Impact of Public Debt on Indian Economy.
3. To ability to develop an understanding the Fiscal and Monetary Policies in India.
4. To ability to develop an understanding the Centre-State Financial Relations in India.

**Course Outcomes (Cos)**

1. Ability to understand, apply and analyze concepts-public debt, budget, fiscal policy in public economics.
2. Ability to interpret the theories relating to public economics in real life situations.
3. Ability to discuss and debate on the public finance.
4. Ability to interpret the theories relating to Fiscal Policy.
5. Ability to interpret the theories relating to Indian Fiscal Federalism.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Public Finance in India</b>	<b>16</b>
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	
1.4	Budget- Meaning and Components, Economic Classification of Budget, Balanced Budget Multiplier, Gender Budget- Concept, Objectives and Purpose, Zero Base Budgeting- Concept and Purpose	
1.5	Types of Deficits Budget	

<b>Unit 2</b>	<b>Public Debt</b>	<b>14</b>
2.1	Sources of Public Debt in India	
2.2	Impact of Public Debt on Indian Economy	
2.3	Deficit financing and Implications	
2.4	Principles of Debt Management and Repayment	
<b>Unit 3</b>	<b>Fiscal Policy</b>	<b>14</b>
3.1	Fiscal Policy- Objectives and Linkages between Fiscal and Monetary Policies in India	
3.2	Fiscal Policy for Stabilization - Automatic v/s. Discretionary Stabilization	
3.3	Fiscal Policy Reforms in India-Budget Management, Objectives of Fiscal Responsibility and Budget Management Act	
<b>Unit 4</b>	<b>Indian Fiscal Federalism</b>	<b>16</b>
4.1	Fiscal Federalism in India- Meaning and Relevance	
4.2	Vertical and Horizontal Imbalance	
4.3	Assignment of Function and Sources of Revenue	
4.4	Constitutional provisions; Finance Commission and Planning Commission and NITI Aayog	
4.5	Theory of Grants, Resource transfer from Union to States - Criteria for Transfer of Resources	
4.6	Centre-State Financial Relations in India	

**Suggested Readings/Material:**

1. Bhatia H.L “Public Finance “ Vikas Publishing House, 18th edition
2. Jha Rajesh K. :(2012) Public Finance. Pearson Publication New Delhi
3. Mankar & Sharma :(2001) “Public Finance Theory & Practice, Himalaya Publishing
4. Stiglitz, Joseph E: :(1999), Economics of the Public Sector, W. W. Norton & Co
5. Tyagi B.P., Public Finance, Jai Prakash Nath Publisher, Meerat (UP)

**Recommended Readings:**

1. Shome, P. (Ed.) :(1995), Tax Policy : Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington D.C.
2. Tripathy R.N. :(2002) Public Finance in Underdeveloped Countries, Indus Publishing Company
3. Rajesh K.Jha :(2012) Public Finance. Pearson Publication New Delhi
4. Gopalan Swapna: (2008) Gender Budgeting: Concepts and Experiences, ICAI University Press

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Title of the Course: International Finance								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-7	MA-EC123T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Balance of Payments.
2. To ability to develop an understanding the Foreign Exchange Market.
3. To ability to develop an understanding the Classification of International Capital Flows.
4. To ability to develop an understanding the International Banking Laws.

**Course Outcomes (Cos)**

1. Ability to understand to the concepts Balance of Payments, Exchange Rates, Foreign Exchange transactions, International capital flows, etc.
2. Ability to critically analyze the effects of deficits, exchange risk, role of foreign capital on the world economy/trade
3. Ability to discuss and debate on subjects related to international trade and finance in the Indian Economy.
4. Ability to discuss and debate on subjects related to Determination of Rate of Exchange.
5. Ability to discuss and debate on subjects related to International Banking.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Balance of Payment</b>	<b>16</b>
1.1	Balance of Trade- Concept and Components	
1.2	Balance of Payments- Concept, Disequilibrium- Causes and Measures	
1.3	Foreign Trade Multiplier- Meaning, Processing and Limitations	
1.4	Policies for Internal and External Balance-Fiscal and Monetary Policy Under Fixed and Floating Exchange Rates	
1.5	Devaluation of Indian Rupee- Effect on Balance of Payment	

<b>Unit 2</b>	<b>Foreign Exchange</b>	<b>16</b>
2.1	Foreign Exchange Market-Definition and Functions	
2.2	Determination of Rate of Exchange	
2.3	Purchasing Power Parity Theory	
2.4	Balance of Payments Theory	
2.5	Transactions in the Foreign Exchange Market- Spot Market, Forward Market, Concept of Hedging, Speculation and Arbitage	
2.6	Exchange Rate Systems- Types of Exchange Rate	
<b>Unit 3</b>	<b>International Capital Flows</b>	<b>12</b>
3.1	Classification of International Capital Flows-Direct and Portfolio Investment, Government, Institutional and Private Capital, Short term and Long term Capital, Domestic and Foreign Capital, Foreign Aid	
3.2	Role of Foreign Capital-Objectives, Types and Effects	
3.3	Current and Capital Account Convertibility	
3.4	Foreign Exchange Regulation Act (1972)- Objectives and Features	
3.5	Foreign Exchange Management Act (1999)- Objectives and Features	
<b>Unit 4</b>	<b>International Banking</b>	<b>16</b>
4.1	International Banking- Concept and Functions	
4.2	Factores Leading to Growth of International Banks	
4.3	Types of International Banking offices	
4.4	International Banking Laws: Choice of Law, Proper Law, Use of Language and Nature of Legal Disputes	
4.5	EURO Currency Markest: Meaning, Origin and Features	
4.6	Changing Role of International Economic Organizations- IMF and IBRD, BRICS Bank	

**Suggested Readings/Material:**

1. Gupta, K.R.(latest edition): “International Economics”, Atma Ram & Sons, Delhi
2. Indian Institute of Banking & Finance (2011) ‘International Banking’
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. Srivastava, O.S. (latest edition), “International Economics”, Kalyani Publishers

**Recommended Readings:**

1. Ellsworth P.T., (1969) 'The International Economy' New York Macmillan Publishing Co.
2. Frederic Mishkin and Stanley Eakins (2006) "Financial Markets and Institutions", Pearson 5th Ed.
3. Heller, Robert H., (1968) 'International Trade' Prentice Hall, Englewood Cliffs
4. Indian Institute of Banking & Finance (2017) 'International Banking Legal & Regulatory Aspects'
5. Joyce Joseph (2013) 'IMF and the Global Economic Crisis' Cambridge University Press
6. O'Neill Jim (2013) 'The Growth Map: Economic Opportunity in BRICS and Beyond' Penguin, UK
7. Sharma Ruchir (2013) 'Breakout Nations: In pursuit of Next Economic Miracles' Penguin UK
8. Sharma Ruchir (2017) 'The Rise and Fall of Nations' Penguin UK
9. Verghese, S.K., (1986) 'Foreign Exchange and Financing of Foreign Trade', Vikas Publishing House, New Delhi.
10. Williamson, J & Milner, C (1991): 'The World Economy-A Textbook in International Economics', New York University Press, N. York.



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<b>Title of the Course: Quantitative Techniques in Economics-II</b>								
<b>Year: I</b>				<b>Semester: II</b>				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSC-8	MA-EC124T	02	00	02	30	15	35	50

**Learning Objectives:**

1. To ability to develop an understanding the Types of Classification.
2. To ability to develop an understanding the Importance of Tabulation.
3. To ability to develop an understanding the Types of Diagramatic.
4. To ability to develop an understanding the Meaning and Definition of Graphs.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject with reference Meaning and Definition of Classification.
2. Ability to develop an understanding of Meaning and Definition of Tabulation.
3. Ability to develop an understanding Diagramatic.
4. Ability to develop an understanding of Graphic Representataion.
5. Ability to develop an understanding of Concept of Pie Diagram etc.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Introduction of Classification</b>	<b>10</b>
1.1	Meaning and Definition of Classification	
1.2	Types of Classification	
1.2.1	Geographical Classification	
1.2.2	Chronological Classification	
1.2.3	Qualitative Classification	
1.2.4	Quantitative Classification	
1.3	Series- Meaning and Types	
1.3.1	Simple Series	

1.3.2	Discrete Series	
1.3.3	Continous Series	
1.3.4	Inclusive Series	
<b>Unit 2</b>	<b>Tabulation</b>	<b>10</b>
2.1	Meaning and Definition of Tabulation	
2.2	Importance of Tabulation	
2.3	Factores of Tabulation	
2.3.1	Tabulation of Number	
2.3.2	Title of Tabulation	
2.3.3	Title of Columms in Tabulation	
2.3.4	Raw in Tabulation	
2.4	Types of Tabulation	
2.4.1	Simple of Tabulation	
2.4.2	Two Way Tabulation	
2.4.3	Muliplay Way of Tabulation	
<b>Unit 3</b>	<b>Diagramatic and Graphic Representataion</b>	<b>10</b>
3.1	Meaning and Definition of Diagramatic	
3.2	Types of Diagramatic	
3.2.1	Bar Diagram	
3.2.2	Rectangular Diagram	
3.2.3	Square Diagram	
3.2.4	Pie Diagram	
3.2.5	Pictureograms	
3.3	Graphs	
3.3.1	Meaning and Definition of Graphs	
3.3.2	Types of Graphs	
3.3..3	Histogram	
3.3.4	Frequency Polygon	
3.3.5	Cummulative Frequency	

**Suggested Readings/Material:**

1. Sukla and Gulshan - Statistics, S. Chand & Company Ltd., New Delhi
2. Shenoy, Srivastav and Sharma - Business Statistics, New Age International Publishers, Mumbai.
3. Elhance and Aggarwal - Fundamentals of Statistics, Kitab Mahal, Allahabad.

**Recommended Readings:**

1. Allan R.G.D - Mathematical Analysis of Economists Macmillan Press, London
2. Black J. & J.F. Bradley - Essential Mathematics for Economists, John Wiley and Sons
3. Chiang A.C. Fundamental Methods of Mathematics. McGraw Hill New Delhi

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Title of the Course: Labour Economics								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSE-2	MA-EC125T	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Nature and Importance of Labour Economics.
2. To ability to develop an understanding the Labour Markets and Wage Determination.
3. To ability to develop an understanding the Approaches to Labour Migration.
4. To ability to develop an understanding the Globalization and Labour Markets.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject with reference to various aspects of Labour economics.
2. Ability to develop an understanding of the labour challenges of labour in the Indian Economy.
3. Ability to develop an understanding of the Approaches to Labour Migration.
4. Ability to develop an understanding of the Industrial Relations.
5. Ability to develop an understanding of the Labour Market reforms.

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Introduction</b>	<b>12</b>
1.1	Nature and Importance of Labour Economics, 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	
<b>Unit 2</b>	<b>Labour Markets and Wage Determination</b>	<b>14</b>
2.1	Labour Markets- Rural and 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	
<b>Unit 3</b>	<b>Migration and Absenteeism</b>	<b>08</b>
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	
<b>Unit 4</b>	<b>Industrial Relations</b>	<b>14</b>
4.1	Labour Unions in India- Growth, Structure and Development	
4.2	Employers' Organization in India- History, Emergence and Role	
4.3	Globalization and Labour Markets- International Division of Labour, Impact on Developing Economies	
4.4	Current trends in Collective Bargaining	
4.5	Social Security Measures-Arjun Sen Gupta Committee	
<b>Unit 5</b>	<b>Labour Market Reforms</b>	<b>12</b>
5.1	Exit Policy since 1991, Need for an Effective Policy	
5.2	Child Labour in India- Cause and Policy Measures	
5.3	Women Workforce- Need for equal Opportunity, Problems and Policy of Female Workers in India	
5.4	Contract Labour- Increasing and Need for Regulation, Disinvestment Policy Impact on Labour	

**Suggested Readings/Material:**

1. Pierre C (2015) 'Labour Economics' Prentice Hall India
2. Alan Mountjoy (2007) 'Industrialization and Underdeveloped Countries' Adline Transaction
3. Joshi M. V. (1999) 'Labour Economics and Labour Problems' Atlantic
4. McConnell, C.R. And S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York

**Reference Books:**

1. Datt, G :(1996), Bargaining Power, Wages and Employment: An Analysis of Agricultural, Labour: Markets in India: Sage Publications, New Delhi
2. Dasgupta Sukti, Sher Singh Verick :(2016) 'Transformation of Women at Work in Asia-An Unfinished Development Agenda' (Ed.) Sage Publication
3. Flanagan Robert J. (2006) 'Globalization and Labor Conditions: Working Conditions and Worker Rights in a Global, OUP
4. Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.
5. Jhabvala, R.and R.K. Subrahmanya (Eds) (2000), The Unorganized Sector: Work Security and Social Protection: Sage Publications, New Delhi

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Title of the Course: Agricultural Economics								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
DSE-2	MA-EC125T (B)	04	00	04	60	30	70	100

**Learning Objectives:**

1. To ability to develop an understanding the Role of Agriculture in Indian Economy.
2. To ability to develop an understanding the Challenges to Agricultural Productivity.
3. To ability to develop an understanding the Challenges to Rural and Agricultural Credit.
4. To ability to develop an understanding the Agriculture in India and Effects of WTO on Indian Agriculture.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of Agriculture Economies.
2. Ability to develop an understanding challenge of agriculture.
3. Ability to develop an understanding Trends in Agricultural Productivity in India.
4. Ability to develop an understanding Financial Sector Reforms and Rural Credit.
5. Ability to develop an understanding Agriculture and Price System in India, Agricultural Growth and Rural Development

**Detailed Syllabus:**

<b>Unit 1</b>	<b>Introduction</b>	<b>10</b>
1.1	Role of Agriculture in Indian Economy	
1.2	Agrarian Structure in India	
1.3	Barriers to Agricultural Growth in India	
1.4	Need for Policy Intervention – Productivity, Equity and Sustainability	
<b>Unit 2</b>	<b>Agriculture Productivity and Agricultural Labour</b>	<b>16</b>
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	
2.4	Technology Inputs in Agriculture and Impact on Agriculture Labour	
2.5	Review of the National Employment Guarantee Scheme	
<b>Unit 3</b>	<b>Agriculture and Credit</b>	<b>10</b>
3.1	Financial Sector Reforms Meaning and role, and Need of Rural Credit	
3.2	Role of NABARD, Commercial Banks and Cooperative Institutions	
3.3	Micro Finance in Rural Area – Emergence, Role and Challenges	
3.4	Challenges to Rural and Agricultural Credit in India	
<b>Unit 4</b>	<b>Agriculture and Markets</b>	<b>14</b>
4.1	Characteristics of Agricultural Markets in India	
4.2	Agriculture Policy in India	
4.3	Role of Farmers Marketing Cooperatives	
4.4	Agro Processing- Need and Challenges	
4.5	Agriculture in India and Effects of WTO on Indian Agriculture	
<b>Unit 5</b>	<b>Agricultural Growth and Rural Development</b>	<b>10</b>
5.1	Food Security in India- Merits and Demerits	
5.2	Recent Laws of Agriculture	
5.3	Agriculture and Industry- Interrelations and Management	
5.4	Sustainable Agriculture- Concept, Need and Issues	

**Basic Reading List:**

1. Subha Reddy :(2008) ‘Agricultural Economics’ OUP
2. Agrawal A.N.(Latest Edition) Indian Economy Problem of Development and Planning
3. Datt R.& K.P.M Sundharm (Latest Edition) Indian Economy, S. Chand & Co.
4. Misra S.K.& V.K.Puri (Latest Edition) Indian Economy, Himalaya Publication House Mumbai.



**Recommended Readings:**

1. Ajit Singh and Hamid Tabatabai :(1993) 'Economic Crisis and Third World Agriculture', Cambridge University Press
2. B.N.P Singh: (2004) 'Indian Economy Today Changing Contours' .Deep and Deep Publications
3. C.S.Prasad :(2006) 'Sixty years of Indian Agriculture'–New Delhi
4. Dewett Kewal :(2005) Indian Economy C. Chand &Co. Ltd, New Delhi
5. Gopalji & Suman Bhakari :(2012) 'Indian Economy Performance and Policies, Pearson Publication Delhi
6. Gulati & Kelley:(1999), 'Trade Liberalization of Indian Agriculture' OUP
7. Hansra Parumal and Chandrakarn–'Modernization of Indian Agriculture in the

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's**  
**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**  
**Syllabus**  
**M. A. Economics**

Title of the Course: On Job Training								
Year: I				Semester: II				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
OJT-1	MA-EC126T	04	00	04	60	30	70	100

**Learning Objectives:**

The guidelines for on job training will be provided by the committee constituted by the college.

**Course Outcomes (Cos)**

1. abc
2. def
3. ghi
4. jkl
5. mno

**Guidelines for OJT**

Unit I: XYZ	(Allotted Lectures)
Unit II: XYZ	(Allotted Lectures)
Unit III: XYZ	(Allotted Lectures)
Unit IV: XYZ	(Allotted Lectures)

**Suggested Readings/Material:**

- 1.
- 2.
- 3.