

North Maharashtra University, Jalgaon.

FACULTY OF HUMANITIES



Syllabus for M.A. Part II Semester III & IV

Economics

With Effect from June, 2018



North Maharashtra University, Jalgaon

FACULTY OF HUMANITIES
Board Of Studies in Economics

Master of Arts in Economics

NEW STRUCTURE OF M.A. (ECONOMICS) PART: I (W.E.F ACADEMIC YEAR:2017-18)

M.A. Economics: Part –I : Semester: I

Sr. No.	Nature		Paper Code No.	Paper Title	College Assessment (Internal Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:111	Advanced Micro Economics: I	40	60	100
2	Core Paper	(Compulsory)	Eco:112	Modern Public Economics : I	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:113:A	Statistics for Economics	40	60	100
4	Optional Paper		Eco:113:B	Schools of Economic Thoughts	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:114:A	Economics of Agriculture & Rural Development	40	60	100
6	Optional Paper		Eco:114:B	Economics of Industry-I	40	60	100
7	Optional Paper		Eco:114:C	Economics of Environment	40	60	100

M.A. Economics : Part –I : Semester -II

Sr. No.	Nature		Paper Code No.	Paper Title	University Assessment (External Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:121	Advanced Micro Economics: II	40	60	100
2	Core Paper	(Compulsory)	Eco:122	Modern Public Economics : II	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:123:A	Research Methodology for Economics	40	60	100
4	Optional Paper		Eco:123:B	Comparative Economic Systems in the World	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:124:A	Economics of Agriculture & Rural Development	40	60	100
6	Optional Paper		Eco:124:B	Economics of Industry-II	40	60	100
7	Optional Paper		Eco:124:C	Economics of Population	40	60	100

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NEW STRUCTURE OF M.A. (ECONOMICS) PART: II (W.E.F ACADEMIC YEAR:2018-19)

M.A. Economics: Part –II : Semester: III

Sr. No.	Nature		Paper Code No.	Paper Title	College Assessment (Internal Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:231	Advanced Monetary Economics: I	40	60	100
2	Core Paper	(Compulsory)	Eco:232	Theories Of Economic Development	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:233(A)	International Economics-I	40	60	100
4	Optional Paper		Eco:233(B)	Economics Of Labor - I	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:234(A)	Computer Applications in Economic Analysis - I	40	60	100
6	Optional Paper		Eco:234(B)	Modern Banking System in India	40	60	100
7	Optional Paper		Eco:234 (C)	Mathematical Economics	40	60	100

M.A. Economics : Part –II : Semester -IV

Sr. No.	Nature		Paper Code No.	Paper Title	University Assessment (External Marks)	University Assessment (External Marks)	Total Maximum Marks (UA+CA)
1	Core Paper	(Compulsory)	Eco:241	Advanced Monetary Economics: II	40	60	100
2	Core Paper	(Compulsory)	Eco:242	Theories of Economic Growth	40	60	100
3	Optional Paper	Choose <u>Any One</u>	Eco:243:A	International Economics: II	40	60	100
4	Optional Paper		Eco:243:B	Economics Of Labor - II	40	60	100
5	Optional Paper	Choose <u>Any One</u>	Eco:244:A	Computer Applications in Economic Analysis - II	40	60	100
6	Optional Paper		Eco:244:B	Financial Market in India	40	60	100
7	Optional Paper		Eco:244:C	Econometrics	40	60	100

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Equivalence of M.A. Economics: Part – I : Semester: I

OLD PATTERN(W.E.F ACADEMIC YEAR:2011-12)				NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)			
Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper	Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper
1	Eco-111	<i>Compulsory Paper</i>	Advance Microeconomic Theory- I	1	Eco:111	<i>Core Compulsory Paper</i>	Advanced Micro Economics: I
2	Eco-112	<i>Compulsory Paper</i>	Modern Public Finance –	2	Eco:112	<i>Core Compulsory Paper</i>	Modern Public Economics : I
3	Eco-113	<i>Compulsory Paper</i>	Statistics For Economics	3	Eco:113 (A)	<i>Optional Paper</i>	Statistics For Economics
4	Eco-114 (A)	<i>Optional Paper</i> <i>Choose any one</i>	Economic Systems And Thinkers- I	4	Eco:113 (B)	<i>Optional Paper</i>	Schools Of Economic Thoughts
5	Eco-114 (B)		Agricultural Economics -I	5	Eco:114(A)	<i>Optional Paper</i>	Economics Of Agriculture & Rural Development
6	Eco-114 (C)		Economics Of Labor- I (M.A.I SEM- I)	6	Eco:233(B)*	<i>Optional Paper*</i>	Economics Of Labor-I (M.A.II SEM III)
=	=	=	=====	7	Eco:114(C)	<i>Optional Paper</i>	Economics Of Environment

Equivalence OF M.A. Economics: Part – I : Semester: II

OLD PATTERN (W.E.F ACADEMIC YEAR:2011-12)				NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)			
Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper	Sr. No.	Paper Code No.	Nature Of Paper	Title Of The Paper
1	Eco-121	<i>Compulsory Paper</i>	Advance Microeconomic Theory -II	1	Eco:121	<i>Core Paper</i>	Advanced Micro Economics: II
2	Eco-122	<i>Compulsory Paper</i>	Modern Public Finance- II	2	Eco:122	<i>Core Paper</i>	Modern Public Economics : II
3	Eco-123	<i>Compulsory Paper</i>	Research Methodology For Economics	3	Eco:123(A)	<i>Optional Paper</i>	Research Methodology for Economics
4	Eco-124 (A)	<i>Optional Paper</i> <i>Choose any one</i>	Economic Systems And Thinkers- li	4	Eco:123(B)	<i>Optional Paper</i>	Comparative Economic Systems in the World
5	Eco-124 (B)		Agricultural Economics -li	5	Eco:124(A)	<i>Optional Paper</i>	Economics of Agriculture & Rural Development
6	Eco-124 (C)		Economics Of Labor –II (M.A.I SEM- II)	6	Eco:243(B) *	<i>Optional Paper *</i>	Economics of Labor-II (M.A.II SEM- IV)
=	=	=	=====	7	Eco:124(C)	<i>Optional Paper</i>	Economics Of Population

Note: * Semester of the Paper is Changed.



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Equivalence of M.A. Economics: Part – II : Semester: III

OLD PATTERN (W.E.F ACADEMIC YEAR:JUNE 2015)				NEW PATTERN (W.E.F ACADEMIC YEAR:2017-18)			
Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper	Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper
1	<i>Compulsory Papers: All</i>	Eco-231	Modern Monetary Economics - I	1	<i>Core Compulsory Paper</i>	Eco:231	Advanced Monetary Economics: I
2		Eco-232	Economics of Development	2	<i>Core Compulsory Paper</i>	Eco:232	Theories Of Economic Development
3	<i>Optional Papers</i> <i>Any Two</i>	Eco-233	International Economics - I	3	<i>Optional Paper</i>	Eco:233(A)	International Economics – I
4		Eco-234	Modern banking & Financial Markets in India - I	4	<i>Optional Paper</i>	Eco:234(B)	Modern Banking System in India
5		Eco-235	Computer Application In Economic Analysis - I	5	<i>Optional Paper</i>	Eco:234(A)	Computer Applications in Economic Analysis – I
6		Eco-236	Mathematical Economics	6	<i>Optional Paper</i>	Eco:234(C)	Mathematical Economics
7		Eco-237	Industrial Economics – I (M.A.II SEM-III)	7	<i>Optional Paper</i>	Eco:114(B)*	Industrial Economics – I (M.A.I SEM- I)

Equivalence of M.A. Economics: Part – II: Semester: IV

OLD PATTERN (W.E.F ACADEMIC YEAR:JUNE 2015)				NEW PATTERN (W.E.F ACADEMIC YEAR:2018-19)			
Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper	Sr. No.	Nature Of Paper	Paper Code No.	Title Of the Paper
1	<i>Compulsory Papers: All</i>	Eco-241	Modern Monetary Economics - II	1	<i>Core Compulsory Paper</i>	Eco:241	Advanced Monetary Economics: II
2		Eco-242	Model's of Economic Growth	2	<i>Core Compulsory Paper</i>	Eco:242	Theories of Economic Growth
	<i>Optional Papers</i> <i>Any Two</i>	Eco-243	International Economics - II	3	<i>Optional Paper</i>	Eco:243(A)	International Economics II
4		Eco-244	Modern Banking & Financial Markets In India - II	4	<i>Optional Paper</i>	Eco:244(B)	Financial Marketing In India
5		Eco-245	Computer Application In Economic Analysis - II	5	<i>Optional Paper</i>	Eco:244(A)	Computer Applications in Economic Analysis – II
6		Eco-246	Econometrics	6	<i>Optional Paper</i>	Eco:244(C)	Econometrics
7		Eco-247	Industrial Economics – II (M.A.II SEM-IV)	7	<i>Optional Paper</i>	Eco:124(B)*	Industrial Economics – II (M.A.I SEM-II)

Note: * Semester of the Paper is Changed.

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40

Semester- III
Compulsory Paper

Paper Code : ECO: 231 **Paper Title : Advanced Monetary Economics-I**
Nature : Core Paper (Compulsory Paper) **Total Lectures Required : 60**

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- 1. Background Of Monetary Economics: Periods : 12 Hours**
 - A) Monetary Economics Meaning, Nature, Scope And importance
 - B) Macroeconomics As Study Of Aggregates
 - C) Development In Macroeconomics
 - D) National Income: Nominal, Real & Potential
 - E) Different Forms Of National Income Accounting
 - F) The circular Flow of Income In An Open Economy

- 2. The Classical Theory Of Income And Employment. Periods : 14 Hours**
 - a) The Classical Theory Of Output
 - i) Say' S Law Of Market
 - ii) Derivation Of Aggregate Supply Curve
 - iii) The Quantity Theory Of Money as a theory of Aggregate Demand
 - iv) Output , Employment And Price Level Determination In The Classical Theory
 - v) The Rigidities. Flexibility In Price And Wages
 - b) Implication Of The Classical Theory
 - c) Keynes's Criticism Of The Say's Law And The Classical Theory Of Income.

- 3. Keynesian Theory Of Income And Employment. Periods : 16 Hours**
 - a) Principle Of Effective Demand
 - b) Determination Of N.I.
 - i) Total Income And Total Expenditure Approach
 - ii) Saving And Investment Approach
(Explanation With Mathematical Exercises)
 - c) Effects On The N.I. Equilibrium Of Changes In:
 - i) Saving And Investment Functions
 - ii) Government Expenditure, Taxes And Foreign Trade
(Explanation With Mathematical Exercises)
 - d) Income, Consumption And Saving Relationship
 - i) Keynes Law Of Consumption & Empirical Evidence On Consumption Function
 - ii) Short Run And Long Run Consumption Function.
 - iii) Theories Of Consumption
 - 1) Absolute Income Theory

- 2) Relative Income Theory
 - 3) Life Cycle Theory
 - 4) Permanent Income Theory/hypothesis
- e) Investment Function
- i) M.E.C. & Rate Of Interest Investment
 - ii) MEC & Determinant
 - iii) Principles Of Multiplier And Acceleration
- 4. Supply of Money And Demand For Money & Rate Of Interest (Period: 18hours)**
- A) Supply Of Money
- i) R.B.I. Approach To Money Supply (Measurement Of Money Stock)
 - ii) Sources of Changes in Money Supply in India
 - iii) High Powered Money & Money Multiplier
 - iv) Budget Deficit And Money supply
- B) Demand Of Money:
- i) Classical And Neo –Classical Approaches
 - ii) Keynes Liquidity Preference Approach
 - iii) Patinkin And Real Balance Effect
 - iv) Friedman's Quantity Theory of Money
 - v) Approaches of Baumol And Tobin
- C) Neo –Classical And Keynesian Views on Interest Rate

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- III
Compulsory Paper
Paper Code : ECO: 232 **Paper Title : Theories of Economic Development**
Nature : Core Paper (Compulsory Paper) Total Lectures Required : 60

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Objectives:-

- I. To furnish the students with development theories.
- II. To highlight the classical, neo classical and modern approach towards development.
- III. To highlight the major policies of Indian govt. for development.

Module – I INTRODUCTION TO DEVELOPMENT **14 Lectures**

- 1.1 Development – Meaning, Indicators, Determinant factor – Economic and non Economic.
- 1.2 Measures of Development.
- 1.3 Concept of sustainable Development – Meaning, Importance and Advantages, Characteristics of Developing Countries.
- 1.4 Obstacles to Economic Development.

Module – II THEORIES OF DEVELOPMENT **14 Lectures**

- 2.1 Classical Theories of Development – Contribution of Ricardo and J.S.Mill
Karl Marx – Theory of Social Change, Surplus Value and Profit.
- 2.2 Myrdals Theory – Circular causation
- 2.3 Leibensteins critical minimum effort theories
Nelsons Law – Income Equilibrium Trap
- 2.4 Fai-Ranis Theory of Economic Development

Module – III SECTORAL ASPECT OF DEVELOPMENT **16 Lectures**

- 3.1 Role of Agricultural and Industries in Economic Development
- 3.2 Infrastructure and Economic Development – Meaning and Importance of Infrastructure, Role of Infrastructure in Economic Development.
- 3.3 International Trade and Economic Development – Importance of International Trade, International Trade as a engine of Growth, Foreign Direct Investment – Meaning, Features and Impact on Economic Development.
- 3.4 Human Development Index (HDI) – Meaning, Measurement of HDI, Impact of HDI on Economic Development.

Module – IV GOVERNMENTS MAJOR POLICIES FOR DEVELOPING COUNTRIES **16 Lectures**

- 4.1 Role of state in Economic Development
- 4.2 Role of Monetary and Fiscal Policies for Development.
- 4.3 Major Policies for Development in India
1.Mahatma Gandhi National Rural Employment Guarantee Act

2. Jawaharlal Nehru National Urban Renewal Mission
 3. Mid Day Meal Scheme
 4. Indira AwasYojana
 5. PradhanmantriSadakYojana
 6. NITI Aayog - Its features, Importance and Scope
- 4.4 Human Capital Formation – Meaning, Problems, Criteria for Investment in Human Capital.

Reference :-

1. Ghatak S (1986) An Introduction to Development Economics, Allen and Unwin, London.
2. Kahkonon S and M. Olson (2000), A New Institutional Approach to Economic Development Vistaar.
3. Todaro M. P. (1996), Economic Development Longman 6th Edition, London.
4. LingaithKamati (2001), Economic Growth and Development Models, S Chand New Delhi.
5. Solow R.M. (2000), Growth Theory and exposition, Oxford University Press, Oxford.
6. Mead J.E., Neo Classical Theory of Economic Growth.
7. Meier D.M. and Baldwin T.E. Economic Development.
8. Mishra and Puri, Development and Planning Theory and Practice.
9. Todaro M.P. and Smith S.C. (2005), Economic Development(8th Edition), Person Education, Indian Branch, Delhi.
10. Debraj Ray (1999), Development Economics Oxford University Press, Oxford.
11. GOI (2002), National Human Development Report.

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- III

Paper Code : ECO: 233(A)

Paper Title : International Economics - I

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

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|-----------|---|--|---------------------|
| 1. | Theories of International Trade | Theories of International Trade - | Lecture - 20 |
| 1.1 | Modification in theory of Comparative cost | | |
| 1.2 | Mill's theory of International Value | | |
| 1.3 | Marshal-Edge worth offer curve explanation | | |
| 1.4 | Haberler Opportunity cost theory | | |
| 1.5 | Empirical Verification of HO Theory- Liontief Paradox | | |
| 1.6 | Factor Intensity Reversals, Factor price equilibrium theory (Samuelson analysis, Hicks Analysis, Lerner's analysis, Kindle Berger analysis, Soderston's analysis), Stolper – Samuelson Theorem, Rybezynski Theorem | | |
| 1.7 | Complementary trade theories: Specific factor model, Two specific factor model, Technological gap and product cycle model and trade, Kravis theory of trade, Linder's theory of demand, Keesing's theory of trade. | | |
| 1.8 | Intra industry trade : Meaning of Intra-Industry trade, Neo Heckscher-Ovlin Model, Neo Chamberlin model, Neo Hotelling Model, Oligopolistic Model (Brander-Krugman Model, Reciprocal Dumping Model) | | |
| 1.9 | Technical Progress and International Trade: Meaning, classification of Technical Progress, Effects of technical Progress on trade (Neutral Technical Progress, labour using/capital saving Technical Progress, capital saving/ labour using Technical Progress) | | |
| 2. | Gains from International Trade and Terms of trade | | Lecture - 20 |
| 2.1 | Meaning, Nature, Sources and factor determining size of Gain | | |
| 2.2 | Potential and actual gain from trade | | |
| 2.3 | Measurements of gains from trade: Classical method, Modern Approach | | |
| 2.4 | Gains from trade and income distribution | | |
| 2.5 | Gains from trade in case of large and small country | | |
| 2.6 | Free trade V/s No Trade and Restricted Trade V/s No trade | | |
| 2.7 | Static and dynamic gains from trade | | |
| 2.8 | Meaning, Types and Importance of terms of trade | | |
| 2.9 | Factors affecting on terms of trade | | |
| 2.10 | Secullar deterioration in terms of trade-Prebish-Singer Thesis | | |
| 2.11 | Impact of deterioration of terms of trade on Developing Countries | | |
| 3. | International Trade Policy | | Lecture - 10 |
| 3.1 | Free Trade Policy V/s Protected Trade Policy | | |
| 3.2 | Arguments in Favor and against | | |

- 3.3 Role of protection in developing countries
- 3.4 Barriers to trade for tariff – Meaning, Types, Effects, Optimum Tariff – effective rate of protection
- 3.5 Barrier to trade for non-tariff – Quotas, Exchange control, dumping, subsidies, international cartels, political economy of protection
- 3.6 Trade policy in developing countries – infant industry arguments and its problems, import substitution V/s Export promotion
- 3.7 State trading- forms, objectives, merits and demerits

4. Balance of Payments & Foreign Exchange

Lecture - 10

- 4.1 Meaning, components of Balance of Payments
- 4.2 Adjustment mechanism of Balance of payments
- 4.3 Internal and external balance and balance of payments
- 4.4 Income adjustment- Foreign trade and Balance of payment
- 4.5 Devaluation and balance of payment
- 4.6 Foreign exchange rate (Meaning and instrument, Functions of Foreign exchange markets, Determination of equilibrium exchange rate, Spot and Forward exchange rate, Mint Parity Theory, Purchasing Power Parity Theory, Imperial test of PPP Hypothesis, Balance of Payments theory , Monetary approach to rate of exchange, Portfolio Balance approach , factor causing variation in exchange rate
- 4.7 International capital movement and balance of payment
- 4.8 The transfer problems

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- III

Paper Code : ECO: 233(B)

Paper Title : Economics of Labour - I

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

- =====
- 1. Introduction 15 Lectures**
 - 1.1 Meaning and Concepts of Labour, Significance and Peculiarities of Labour
 - 1.2 Definition, Nature, Scope and importance of Labour Economics
 - 1.3 Characteristics of Indian Labour Market
 - 1.4 Labour problems in the Developing Countries

 - 2. Demand For and Supply of Labour 14 Lectures**
 - 2.1 Demand and Supply for Labour : Meaning ,Nature and Its Determinants
 - 2.2 Productivity of Labour, Meaning, Objectives and Determinants
 - 2.3 Labour Force: Concept, Size, Importance, Its Participation Rate and Composition
 - 2.4 Mobility of Labour: Meaning, Occupational and Geographical Mobility
 - 2.5 Major Barriers in Mobility of Labour
 - 2.6 Agricultural Labour: Definition and Growth in the numbers of Agricultural Workers
 - 2.7 Impact of Mechanization on Agriculture Labour
 - 2.8 Labour Turnover- Trends in Labour Turnover in India

 - 3. Women and Child Labour 16 Lectures**
 - 3.1 Main Features of Women Labour and Child Labour
 - 3.2 Women and Child Labour Participation in Organized and Unorganized Sectors
 - 3.3 Main Problems of Women Labour in India
 - 3.4 Causes of Employment of Children
 - 3.5 Factors Affecting Empolyment of Women Labour
 - 3.6 Legislative measures for Welfare and Protection for Women and Child Labour in India

 - 4. Wage Determination 15 Lectures**
 - 4.1 Wage Determination Theory: Classical, Neo-classical and Collective Bargaining Theory
 - 4.2 Concepts Minimum Wage, Living wage and Fair Wage in Theory and in Practice
 - 4.3 Wage Determination in Organized and Unorganized Sectors
 - 4.4 Discrimination in Labour Markets
 - 4.5 Analysis of Rigidity in Labour Markets
 - 4.6 Productivity and Wage Relationship
 - 4.7 National Wage Policy in India: Objectives and its Critical Appraisal
 - 4.8 Bonus System and Profit Sharing

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Semester- III

Paper Code : ECO: 234(A)

**Paper Title : Computer Application in
Economics Analysis-I**

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

- =====
- 1. Use Of Computer In Economic Analysis & In Research** **Periods: 05 Hours**
 - a) Using A Computer For Quantitative Analysis In Economics
 - b) Using A Computer For Economic Research Work
 - c) Computer As a Teaching & Learning Aids For The Understanding of Economic Theory
 - d) Various Software Useful For Economics

 - 2. Fundamentals of Computer** **Periods: 10 Hours**
 - a) Functional Units Of Computers
 - b) Input Devises:
 - c) Output Devices- Printers-Plotters & Display Devices
 - d) Main Memory: Memory System – Main, Secondary & Backup Memory Cache
Memory Real & Virtual Memory, Semiconductor Memory
 - e) Secondary Storage Devises- Secondary Storage Devises- Types
 - f) Central Processing Units-Arithmetic & Logic Unit Control Unit
 - g) Programming System Software & Programming Languages
 - h) System Programming: Hardware-Operating System, Its Functions & Types

 - 3. Exploring Windows XP** **Periods: 20 Hours**
 - a) Exploring Windows XP Desktop
 - b) Opening & Manipulating Window
 - c) Exploring The Taskbar
 - d) Maintaining Files & Customizing Windows
 - e) Displaying File Extension
 - f) Creating Folders
 - g) Selecting, Copying, Moving & Deleting, Renaming Files
 - h) Searching For A File & Folders
 - i) Customizing A Desktop

 - 4. The INTERNET** **Periods: 25 Hours**
 - a) What is internet
 - b) Evaluation and basic services on internet
 - c) What is www specification
 - d) What is browsers
 - e) Uses of www browsers
 - f) What is e-mail and how it works
 - g) How e-mail sends and received from one to another
 - h) How to compose e-mail and what is BCC and CC
 - i) Uses of internet

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Semester- III

Paper Code : ECO: 234(B)

**Paper Title : Modern Banking System in
India**

Nature : Optional Paper (Choice Based)

Total Lectures Required : 60

- =====
- 1. Commercial Banking Theory & Working Operation of RBI : Lecturer -20**
- 1.1 Functions of modern commercial Bank –
 - 1.2 Structure of Banking system in India.
 - 1.3 System of Banking : Group Banking, Chain Banking, Unit Banking, Branch Banking, Investment Banking, Universal Banking, Merchant Banking, Virtual Banking, Mixed Banking, Green Banking.
 - 1.4 Banking Operations- Prudential norms, classification of assets, provisioning requirement of assets, disclosure standards, risk management system.
 - 1.5 Policies and Principles of commercial Banks : Objectives of Portfolio management, Theories of portfolio management, The liabilities management theory, Investment policy of commercial Bank, Essential of a sound Banking system.
 - 1.6 RBI – Objective Organization, nationalization of RBI.
 - 1.7 Function of RBI.
 - 1.8 Recent monetary policy of RBI
 - 1.9 Development role of RBI- measure to development a bill market in India, discount finance house of India Ltd.
 - 1.10 Payment of soft element system - Development payment of soft element system in India.
 - 1.11 Regulation of banking, Non banking financial Institution by RBI.
- 2. Commercial Banks, Regional Rural Banks and Co-Operative Banking in India Lecturer -20**
- 2.1 Classification of priority sector advances .
 - 2.2 Certain types of fund development eligible as priority sector advances.
 - 2.3 Target for priority sector lending by scheduled commercial bank.
 - 2.4 Common guidelines for priority sector advances.
 - 2.5 Problems of Non- performing assets.
 - 2.6 Financial Inclusion – Introduction , Evidences, Process of financial inclusion.
 - 2.7 Regional rural Banks – Objective, Function, Achievement and weaknesses.
 - 2.8 Co-Operative Bank – Meaning Structure and Development of Co-Operative Bank.
 - 2.9 Objective and Function of rural and urban Co-Operative Bank. (State Co-Operative Bank, District Co-Operative Bank, Urban Co-Operative Bank, Janata Co-Operative Bank)

- 2.10 Co-Operative credit societies types and progress.
- 2.11 NABARD – objective, function and Role in rural development.

3. Non- Banking Financial Institutions in India **Lecturer -10**

- 3.1 Non- Banking Financial Institutions: Meaning and classification.
- 3.2 Role of & IFCI, IFCS, SIDBI, LIC, GIC & EXIM Bank in India's development.
- 3.3 Universal Banking : Concept ,Advantages, Indian Experience in Universal Banking,

4. Reforms and New Technology in Indian Banking System: **Lecturer -10**

- 4.1 Report of the committee of on the financial systems.(Narsiham Committee-I & II)
- 4.2 Reforms in Banking Sector : Prudential regulation and supervision, Rehabilitation of Nationalized Public sector Banks, Reduction in the SLR and CRR, Deregulation of Instant Role promoting competition phasing out of Directed credit Base Rate Banking laws (Amendment) Act-2012.
- 4.3 New Technology in Banking Sector – Importance and Benefits of N.T.
- 4.4 Computerization of Banking - Core Banking, Net Banking, Tele Banking, Mobile Banking .
- 4.5 Bank Services - ATM, Credit and Debit Cards, EFT, NEFT, RTGS, ECS, NSS, E purchase, E-money, Electronic fund Transfer at point of Sale , EFTPOs)

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester-III

Paper Code : ECO: 234(C)

Paper Title : Mathematical Economics

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

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	10
1) Basic Concepts	
1.1 Function, Variables and Constant	
1.2 Basic Concept in Differential Calculus	
1.3 Basic Concept in integral calculus	
1.4 Matrix-Basic operations, solution of simultaneous equations through matrix	
2) Consumer Behaviour and Production Functions	15
2.1 Demand Function, Ordinal Utility maximization, Slutsky equation, Linear expenditure system.	
2.2 Elasticity of Demand, Consumer surplus	
2.3 Homogeneous and Non-Homogeneous Production function	
2.4 Cobb-Douglas and C.E.S. Production function	
3) Market Structure	10
3.1 Types of various markets-Price and output determination in perfect competition and Monopoly	
3.2 Monopolistic Competition and Oligopoly	
3.3 Duopoly and Monopsony	
3.4 Bilateral Monopoly	
4) Game Theory	10
4.1 Concept of Game, Two person zero sum game, pure and mixed strategy	
4.2 Pay of matrix, maximum and minimum solution	
4.3 Saddle point solution	
5) Linear Programming and Input-Output Analysis	15
5.1 Basic Concept of Linear Programming problem (LPP)	
5.2 Solution of LP problem of graphical and Simplex method	
5.3 Primal and Dual problem, application LP in Economics	
5.4 Basic Concept in Input-Output Analysis	
5.5 Solution of Input-Output Analysis	

Recommendation of Books

1. Allen, R.G.D. (1976), Mathematical Economics, Macmillan, London.
2. Arrow, K.J. and M. Intriligator (Eds. (1972)), Handbook of Mathematical Economics, Volume I, II and III, North Holland Amsterdam.

3. Mehta B.C. and Madnani G.M.K. (2014) Mathematics for Economists S. Chand & Sons, New Delhi
4. Chiang A.C. and Wainwright K. (2005) Fundamental Methods of Mathematical Economics McGraw-Hills Higher Education New York.
5. Budnick F.S. (1993) Applied Mathematics for Business Economics and the Social Sciences McGraw-Hill Publishing Company New Delhi.
6. Henderson J.M. and Quant R.E. (1980) Microeconomics Theory : A Mathematical Approach, McGraw-Hill Publishing Company New Delhi

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40

Semester- IV
Compulsory Paper

Paper Code : ECO: 241 **Paper Title : Advanced Monetary Economics-II**
Nature : Core Paper (Compulsory Paper) **Total Lectures Required : 60**

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- 1. Neo- Classical And Keynesian Synthesis** **Periods: 20 Hours**
 - a) The Transmission Mechanism
 - b) The IS – LM Model: Equilibrium In Commodity Market & Money Market
 - 1) Derivation of IS Curve And LM Curve
 - 2) Changes in IS Curves & LM Curve
 - c) IS –LM Model and Derivation of Aggregate Demand
 - d) Equilibrium of The Economy: Aggregate Demand & Aggregate Supply curve approach
 - I) Determination of GDP & The Price Level In The Short Run & The Long Run
 - II) Isolated & Repeated Supply Shocks With & Without Monetary Accommodation
 - III) Demand Shocks With & Without Monetary Validation
 - e) Monetarist Verses Keynesian Schools
 - I) Money Matters
 - II) Money Doesn't Matters
 - III) Relative Effectiveness of Monetary And Fiscal Policies

- 2. Theory Of Inflation & Unemployment** **Periods: 15 Hours**
 - a) Inflation Meaning And Measures
 - b) Classical, Keynesian And Monetarist Approaches to Inflation
 - c) Structural Theory Of Inflation
 - d) Inflation & Rate Of Unemployment: Philips Curve Analysis
 - I) Shorts Run And Long Run Philips Curves
 - II) Samuelson And Solow: The Natural Rate Of Unemployment Hypothesis
 - III) Tobin's Modified Philips Curve
 - e) Adaptive Expectations And Rational Expectation Theory
 - f) Stagflation And Supply Side Economics

- 3. Theory Of business Cycles** **Periods: 10 Hours**
 - a) Phases Of Business Cycles
 - b) Theories Of Business Cycles
 - I) Theory Of Keynes
 - II) Theory Of Schumpeter
 - III) Theory Of Samuelson
 - IV) Theory Of Hicks
 - V) Theory Of Kaldor

4. Economics Stabilization And Macroeconomics Policies **Periods: 15 Hours**

- a) Goals of Microeconomics Policy & Conflicts Between Them
- b) Macro Policy in The World Of Perfect Capital Mobility
- c) Monetary Policy
 - I) working and limitations of tools of monetary policy
 - II) monetary targets and monetary rule
 - III) recent monetary and credit policy of RBI
 - IV) Mundell- Fleming model for open economy
- d) Fiscal Policy
 - I) discretionary non-discretionary fiscal policy
 - II) Automatic stabilizers
 - III) The Balanced Budget Multiplier
- e) Policy Changes With Fixed Exchange Rates & Floating Exchange Rates
- f) Policy Changes to Correct Disequilibrium : (A) Monetary Policy (B) Fiscal Policy

RECOMMENDED BOOKS (SEMESTER- III & IV)

- 'Microeconomics Analysis', Shapiro, E. (1996) Galgotia Publication, New Delhi
- 'Microeconomics Theory And Policy', Ackeley, G (1978)
- 'Microeconomics Theory And Policy', Branson, W.A. (1989) (3rd Edition. Haeper And Row New York
- 'Modern Monetary Theory' , Kishore G. Kulkarni, (1999) Macmillan India Ltd.
- 'Macroeconomic' Hall R.E. And J.B. Taylor (1986) ,, W.W. Norton, New York.
- 'Macroeconomic' (8th Edition) RudigerDornbusch, Stanely, Fischer, Richard Startz, (2001), Tata Mcgraw Hill Publishing Ltd. New Delhi
- **'Macroeconomic : Theory & Policy' D.N.Dwivedi, Mcgraw Hill Companies**
- **'Monetary Theory ' , (16th Ed.) M.C.Vaish, Vikas (2005)**
- **'Principles Of Macroeconomic' (4th Edition): N.Gergory Mankiw, Thomson**
- **'An Introduction To Positive Economics ' , (10th Edition) R.G. Lipsey&K.Alec Chrystal, (2005)**
- **'Monetary Economics : Institutions, Theory & Policy' Suraj B. Gupta : S Chand & Company Ltd. New Delhi (2002)**
- Foundations Of Modern Macroeconomics' Heijdra. B.J. And V.P. Fredrick (2001) Oxford University Press New Delhi
- 'Monetary Theory ' , Laurence Harries (1985). Mcgraw Hill International Editions.
- 'Advanced Study In Money & Banking , Preminder Khanna, Atlantic, New Delhi (2005)
- 'National Income And Flow Of Funds Analysis'. Powelson J.P. (1960) Mcgraw Hill, New York
- 'Reading In Macroeconomics' Mueller, M.G. (1966). Holt RinechartAnd Winston, New York.
- 'Macroeconomics' Gordon, R And S.G. Harries (1998), Addison Wesley

- 'Macroeconomics Theory And Stabilization Policy' , Culberson, J.M. (1968) Mcgraw Hill, Kogenkosh, Tokyo
- 'The Crisis In Keynesian Economics' , Hicks J.R. (1974) Oxford University Press New Delhi.
- 'Contemporary Macroeconomics Theory And Policy' Jha R. (1999) New Age International Pvt. Ltd. New Delhi
- 'On Keynesian Economics And Economics Of Keynes' Leijonhufvud, A, (1968), Oxford University Press London
- 'Theories Of Inflation', Frisch H. (1983), Cambridge University Press, Cambridge
- 'Business Fluctuation', Gordon R.A. (1961) Harper And Row
- 'Reading In Business Cycles', Gordon R.A. And L.R. Klein (Eds), (1965). Irwin Homewood

Periodicals :

- 1) RBI Monthly Bulletin And Occasional Publication
- 2) Economic And Political Weekly

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- IV
Compulsory Paper

Paper Code : ECO: 242

Paper Title : Theories of Economic Growth

Nature : Core Paper (Compulsory Paper) Total Lectures Required : 60

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Objectives:-

- I. To furnish the students with growth theories and models.
- II. To highlight the technological changes towards growth.
- III. To equip student with obstacles in growth.

Module – I CONCEPT OF ECONOMIC GROWTH 15 Lectures

- 1.1 Economic Growth – Meaning, Indicators, Determinant factors of Economic Growth.
- 1.2 Features of Modern Economic Growth, Economic Growth and Social Justice.
- 1.3 Production Function Approach.
- 1.4 The Doctrine of Balanced Growth.

Module – II SOME GROWTH MODELS – I 16 Lectures

- 2.1 Classical models (Growth Theories) – Adam Smith, Karl Marx and Schumpeter.
- 2.2 Neo Classical Models (Growth Theories) – Meads and Solow Models, Critical Evaluation of Neo Classical Models.
- 2.3 Keynesian Theory of Under Develop Countries Essence and Relevance of Keynes Theory, Post Keynesian Phases – Steady states and Stability.
- 2.4 Harrod model of Economic Growth, Domars Model of Economic Growth Comparison of these two models – Critical Evaluation.

Module – III SOME GROWTH MODELS – II 15 Lectures

- 3.1 Lewis Theory of Unlimited Supply of Labour.
- 3.2 The Kaldors Model of Distribution.
- 3.3 Mrs. Joan Robinsons Model of Capital Accumulation.
- 3.4 A.K.Sen's Model – Explanations of cross country differentials in Economic Growth

Module – IV TECHNOLOGICAL CHANGE AND GROWTH 14 Lectures

- 4.1 Obstacles in Economic Growth.
- 4.2 Contribution of Technology to Growth.
- 4.3 Choice of Techniques.
- 4.4 Hicks and Harrods Views on Neutrality.

References :-

1. Adelman (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.

2. Brown M. (1966), Theory and Measurement of Technical change Cambridge University Press, Cambridge.
3. Beharman S and T.N.Shrinivasan (1995), Handbook of Development Economics Vol.3, elsvier, Amsterdam.
4. Todaro M.P. (1996), Economic Development Longman (6th Edition), London.
5. Solow R.M. (1991), A Contribution to the Theory of Economic Growth – Quarterly Journal of Economics.
6. Mishra &Puri (1991), Development and Planning, Theory and Practice, Himalaya Publishing House, Mumbai.
7. M.L.Jhingan (16th edition), The Economics of Development & Planning vikas Publishing House ltd. Delhi.

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- IV

Paper Code : ECO: 243(A)

Paper Title : International Economics - II

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

- =====
- 1. Capital Movement and Foreign Capital** **Lecture - 10**
 - 1.1 Capital Movement : Meaning, Classification and factor governing International Capital Movement
 - 1.2 Need of Foreign Capital for LCDs
 - 1.3 Sources, types of Foreign Capital
 - 1.4 FDI and FII (Meaning, Objective, Importance Merits & Demerits of FDI)
 - 1.5 FDI in India : from 1991 inflow and outflow, factors affecting to FDI in India, roots of FDI in India, sector wise and region wise FDI in India, Critical Appraisal of FDI in India
 - 1.6 Multinational Corporation (Definition, Features, Spread, reasons for the growth of MNCs, Role of MNCs in developing countries drawbacks of MNCs)
 - 1.7 MNCs in India

 - 2. International Finance Institutions and Economic cooperation in International Trade** **Lecture - 20**

Economic Cooperation in international Trade

 - 2.1 IMF, World Bank, World bank group, ADB and BRICS Bank: Objectives, functions, organization, structure, achievements & Critical appraisal.
 - 2.2 Problems of international liquidity and SDRs
 - 2.3 Euro Dollar Market
 - 2.4 Economic Cooperation: Meaning, Forms, and Benefits
 - 2.5 Customs Union and free trade area : static and dynamic effects
 - 2.6 Group of economic cooperation : EEC , UNCTAD, OECD, OPEC, GATT, WTO, SAARC, BRICS (Origin, Objectives, Organization, Functions, Achievements and Failures)

 - 3. Globalization and India** **Lecture -15**
 - 3.1 Meaning of Globalization
 - 3.2 Essential conditions for globalization
 - 3.3 Advantage and disadvantages of globalization
 - 3.4 Globalization and India : Economic crisis in India (1990), The push towards Globalization
 - 3.5 India's steps towards globalization,
 - 3.6 Obstacles to globalization in India
 - 3.7 Effects of globalization on Indian Economy

4. New International Economic Order (NIEO)

Lecture -15

- 4.1 Origin, Definition, needs, Objectives and basis of new international economic order
- 4.2 Main proposal crisis difficulties and efforts to solve the crisis in NIEO
- 4.3 Advantage towards NIEO
- 4.4 International debt problems
- 4.5 Sub-prime Crisis in America and their impacts on world economy
- 4.6 India's External Debt
- 4.7 External Debt Strategy in India

References:

1. Soderston ,Bo (1991), International Economics, The Mcmillan Press Ltd., London
2. Ellsworth P.T. International Economics (1961), The Mcmillan Press Ltd., London
3. Kindleberger C.P., (1968), International Economics, Richard D. Irwin, Inc. Homewood, Illinois
4. Bhagwati J., (1981), International Trade, Selected readings, Cambridge University Press, Massatusetts.
5. Haberler G.V., The Theory of International Trade, Willian Hodge & Co. Ltd. London
6. Krugman P.R. & Obstfeld M. (2009), International Economics (theory and Policy), Pearson (Indian Edition)
7. Salvatore D., (2008), International Economics, Wilely India Pvt. Ltd., New Delhi
8. Mithani D.M., (2010), International Economics, Himalaya Publishing House, Mumbai
9. Zingan M.L., (2008), International Economics, Vrinda Publications Pvt. Ltd., New Delhi
10. Sinha V.C., (2004), International Economics, Mayur Paperbacks, New Delhi
11. Rana K. C., Verma K.N., (2008), International Economic, Vishal Publishing Co., Jalandhar
12. Bapat L.G., International Economics (Marathi), shri Mangesh Prakashan Nagpur
13. Bapat B.G., (1982), Antarashtriya vyaapar Siddhant aani dhoran (marathi), Marathi Arthdahastra Parishad, Pune
14. Modak S.K., Antarrashtriya Arthshastra, (marathi) Shree Vidya Prakashan, Nagpur
15. Zamare G.M., Antarrashtriya Arthshastra(Marathi) Pimpalpureand Co. publishers, Nagpur
16. Chavhan N.L., (2005) Antarrashtriya Arthshastra (Marathi), Prashant Publications, Jalgaon
17. Chavhan N.L., (2013) Antarrashtriya Vyapar aani Vyavahar (Marathi), Prashant Publications, Jalgaon
18. Dutta, Sundaram, (2017), Indian Economy, S. Chand & Co., New delhi
19. Mishra & Puri (2017), Indian Economy, Himalaya Publishing House, Mumbai
20. Desai & Bhalerao, Bhartiya Arthavyavastha, Nirali Prakashan Pune
21. Chavhan N.L., (2016), Bhartiya Arthavyavastha, Prashant Publications, Jalgaon

Some Useful Internet Website and other Information

- IMF <http://www.imf.org>
- OECD <http://www.oecd.org>
- WTO <http://www.wto.org>
- World Bank <http://www.worldbank.org>
- World investment report
- World Development report
- RBI annual report
- Economic Survey of India

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- II

Paper Code : ECO: 243(B)

Paper Title : Economics of Labour - II

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

- =====
- | | |
|--|--------------------|
| 1. Problem of Unemployment | 15 Lectures |
| 1.1 Unemployment | |
| i) Concept, Types and Measurements | |
| ii) Causes of Unemployment | |
| iii) Employment and Development Relationship | |
| iv) Analysis of Educated Unemployment | |
| 1.2 Significance of the Problem of Poverty and Unemployment in Developing Countries | |
| 1.3 Impact of Technological Change, Rationalization and Modernization on Employment in Organized Private Industry, Public Sector and Agricultural sector | |
| 1.4 Employment Policy of the Government in Five Year Plans and its Evaluation | |
|
 | |
| 2. Industrial Relations | 15 Lectures |
| 2.1 Industrial Relations: | |
| i) Industrial Relation in India | |
| ii) Industrial Relation in the Public Sector and Small -Scale Sector | |
| 2.2 Labour Unions: | |
| i) Growth, Pattern and Structure in India | |
| ii) Impact of International Labour organization on the Indian Labour | |
| 2.3 Industrial Disputes | |
| i) Concepts, Classification, Causes and Impacts | |
| ii) Evaluation of Settlement and Prevention Mechanism in India | |
| 2.4 Collective Bargaining | |
| i) Concept, Features and Importance | |
| ii) Current Trends in India | |
|
 | |
| 3. Social Security | 15 Lectures |
| 3.1 Social Security: Concept, Objectives and Importance | |
| 3.2 Social Security: Measures in India | |
| 3.3 Labour Welfare: Basic Features, Need, Aims and Scope | |
| 3.4 Labour Welfare Activities in India | |
| 3.5 Labour Welfare Officer and His Duties | |
| 3.6 Labour Policy: Objectives and Evolution of Labour Policy in India | |
| 3.7 Labour Market Reforms and Exit Policy | |
| 3.8 Contract Labour | |

4. Labour Legislations in India

15 Lectures

- 4.1 Labour Legislation: Objectives, Need, Forms, Principles and Applicability
- 4.2 Main Provisions of Labour Legislation in India
 - i) The Trade Union Act-1926
 - ii) The Payment Wage Act-1936
 - iii) The Factories Act-1948
 - iv) The Payment of Bonus Act-1965
- 4.3 Indian Labour Laws and Practices in Relation to International Labour Standards
- 4.4 Role of Judicial Activision

Reference Books:

1. Bhagoliwal T.N. Economics of Labour and Industrial Relations: Sahitya Bhavnagar (2002)
2. Roy B Helfgott: Labour Economics: Random House , New York(1973)
3. Mamoria, MamoriaandGankar: Dynamics of Industrial Relations: Himalaya Publishing house, 24th Ed. (2000)
4. John N Dunlop:(Ed) The Theory of Wage Determination : Macmillan(1966)
5. B.J. McCormick& E. Owen Smith(Ed): The Labour Market: Penguin(1968)
6. Hajela. P.D.: Labour Restructuring in India: A Critique of New Economic Policies: Commonwealth Publishers
7. VenkataRatnam C.S.: Globalization and Labour Management Relations: Dynamics of Hange; Sage Publication, New Delhi.
8. Punekar, S.D., Deodhar S.B., SaraswatiSankaran: Labour Welfare, Trade Unionism and Industrial Relations, Himalaya Publishing House, New Delhi(2012)

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- IV

Paper Code : ECO: 244(A)

**Paper Title : Computer Application in
Economics Analysis-II**

Nature : Optional Paper (Choice Based)

Total Lectures Required : 60

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1) Working With Excel Worksheet: Data Processing Classification, Tabulation, Graphical & Analytical Presentation Of Data **Periods: 15 Hours**

- a) Getting To Know Excel-Meaning Worksheet & Workbook-Set Excel Option-Create Workbook- Opening Of Existing Workbook- Enter Data into A Worksheet Moving Around Excel-Excel Formulas-Use Sum To Add Rows & Columns- Copy & Move Formulas-Insert & Delete Rows & Columns Edit Cell Data-Print Worksheet
- b) Working With Excel Data – Find & Replace Data-About Excel Ranges-Create a range-Fill Cell With auto Fill Data-About Excel Functions-Enter Excel Functions-Use Excel Function Wizard-Work With Dates & Times-Excel Limit.
- c) Formatting Worksheet With Excel- Freeze Row & Column Headers-Format cells-Center A Heading Over Multiple Columns Set Up Page Formatting-Attach A Comment To A Cell- Conditionally Format Data- Excel Style. Themes Templates-Use Of Excel Theme Use Excel Template.
- d) Creating Advanced Worksheets- Add A Chart To Worksheet –Insert Graphics Into A Worksheet-Protect Worksheet Data-Combine Multiple Cell Into One Ensure A Valid Data Entry-Import & Export Worksheet Data-About Advanced Worksheet Printing
- e) Using Excel As A Simple Data Base - Excel Data Base-Create An Excel Data Base-Import Data Into Excel Database Sort Excel Database Data- Filtering Or Data-Compute Table Totals & Sub Totals

2) Presentation of Research Report Power Point-Presentation **Period: 15 Hours**

- a) Oral presentation-preparation-delivery-Audiovisual
- b) Creation In Power Point-Set Power Point Option-Open An Existing Presentation-Give A Presentation-Print A Presentation
- c) Adding A Flair To Presentation-Enter Text Into Presentation-Fine & Replace Text-Animate Text-Review Power Point Template-Use Power Point Layouts & Themes-Change A Presentation Background
- d) Making More Impressive Presentation-Insert A Chart Into Presentation-Insert A Graphic Into Presentation-Add A Presentation Header & Footer-Add Sound & Video To A Presentation- Add Special Effect To Presentation-Add A Slide Transition-Make An Automatic Presentation-Add Notes To Presentation-Create Presentation Head Oust Turn Presentation Into Online Web Pages-About Giving Presentation.

- e) Use Drag & Drop To Move Data-Link To Office Data-Crete An Office Data Short Cut-Convert A Whole Document To A Power Point Presentation Use Note To Enhance The Office Program.
- f) Combining Office &The Internet-About Office & Online Access Insert A Web Hyperlink Into A Document-Insert Live Stock Prices Into Excel Worksheet-Crete A Web Page With Word-Crete A Web Page With Power Point-Send Email From Word Excel, Power Point & One Note

3) Ms Access-2007

Periods: 15 Hours

- a) Introduction-Meaning Of Database- Data Base Management System It's Advantages & Disadvantages- Types Of Database Management System
- b) Parts Of An Access Window
- c) Maintaining Data In Access Tables-Starting Ms-Access-Creating A New Data Base-Creating A Data Base Through Table Wizard-Creating A New Table-Rename Columns -Saving The Data Base-Creating One To Many Relationship-Printing A Relationship Report-Displaying Records In A Sub datasheet
- d) Creating Queries- Forms And Reports- Creating Query Using Simple Query Wizard-Creating Query In Design View-Extracting Records Using Criteria Statements & Multiple Filed Criteria-Performing Calculation In Query Formatting Columns-Creating Form Using The Form Tools-Split Form Tools & The Form Wizard-Adding Logo & Formatting Object Creating Editing & Printing A Report
- e) Summarizing Data & Calculating In Forms Report-Calculating Statistics Using Functions-Summarizing Data Using A Cross Tab Query-Summarizing Data Using Pivot Table View 20 Using Query To Find Duplicate Records & Unmatched Records Sorting Data In A Form Table Tables Through Design View-Relationship-Exists Access.

4) Introduction To E- Commerce

Periods: 15 Hours

- a) What is E-Commerce?
- b) Different Definitions of E-Commerce
- c) Scopes of E-Commerce
- d) Difference of E-Commerce and Traditional Commerce
- e) Characteristics of E-Commerce
- f) Why E-Commerce over Internet?
- g) Capabilities Required for E-Commerce
- h) Benefits of E-Commerce
- i) Business Issues in E-Commerce
- j) Technical Issues in E-Commerce

Recommended Books for (Semester III and IV)

1. 'Computer Technology & Programming', H.K.Gundurao, N.S. Manjunath, M.N.Nachappa, Himalaya Publishing House (2004)
2. 'Office-2007-A Visual Approach To Learning Computer Skills' Rutkosky Seguin' Rutkosky,B.P.B. Publication, New Delhi (2008)
3. 'Microsoft: Office 2007''Perry, Pearson Education (2007)
4. 'M.S.Office 2000' Sanjay Saxena ,Vikas Publishing House Pvt. Ltd.

5. 'Quantitative & Social Research Methods', Kulkarni Singh Sage Publication New Delhi (2007)
6. 'Business Research Methods', Donald R.Cooper& Pamela S Schindler, Tata Mc-Graw Hill Edition'(1999)
7. 'Statistical Methods For Practice & Research: A Guide TO Data Analysis Using SPSS" Ajai S.Gaur&SanjayaS.Gaur; Resonse Book, SAGE Publication (2006)
8. 'Computer Fundamentals O' Level', V.K.Jain B.P.B. Publication, New Delhi
9. 'Computer Fundamentals ', Raja Raman , Pradeep k sinha and pritisinha.
10. "The Complete E-Commerce Book" by Janice Reynolds

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Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester- IV

Paper Code : ECO:244(B)

Paper Title : Financial Market in India

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

- =====
- 1. The Financial System in India. Lecture-10**
- 1.1 Structure of financial system.
 - 1.2 Financial system and Economics development
 - 1.3 Function of financial system.
 - 1.4 Key elements of a well functioning financial market
 - 1.5 Nature & Role of Financial Institutions and financial market.
- 2. The Money Market and Capital Market in India Lecture-20**
- 2.1 Introduction of Money Market
 - 2.2 Institution and Instruments of Money Market
 - 2.3 Significations of Money Market
 - 2.4 Feature of Developed and Underdeveloped Money Market
 - 2.5 Defects of Indian Money Market
 - 2.6 Suggestions to improve Indian Money Market
 - 2.7 Recent Reforms in Indian Money Market
 - 2.8 Nature , structure, Instrument and Features of Indian Capital Market.
 - 2.9 Stock market in India: N.S. E., B.S.E., O.T.C.E.I. Function, Role, Progress and Problems.
 - 2.10 Equity market.
 - 2.11 Corporate Bond Market in India.
 - 2.12 Derivates market in India.
 - i) meaning, Development of the Derivatives Market, Function and Regulations
 - ii) Forex Derivatives : Meaning, Development, Functions & Regulations.
 - iii) Rupees Interest rate Derivatives Meaning, Development, Functions & Regulations.
 - iv) Commodity derivatives market in India: Evolution, Structure, Mechanism, Function & Regulation.
 - 2.13 S.E.B.I Functions and Its Impact on Capital Market..
 - 2.14 Securities Depository In India : Importance, Functions and Problems.
 - 2.15 Credit Rating Services : Meaning, Need, Benefits & Rating Agencies in India.
- 3. New Development in Indian Financial System Lecture-10**
- 3.1 Micro Finance
 - i) Micro finance Delivery Model In India.
 - ii) Policy Initiative in India.
 - iii) Progress of micro finance in India.
 - iv) Impact of Micro Finance In India.
 - v) key Issue for Indian Banks In micro Finance.
 - 3.2 Self help group.

- 3.3 Financial literacy & Credit Counseling
- 3.4 Financial stability
 - i) An Assessment of Indian Financial system.
 - ii) Key sources of variability to the Indian financial system
 - iii) mitigating risks through financial sector policy.
- 3.5 KYC – Norms and Policy.

4. Financial and Mutual Funds Services

Lecture-20

- 4.1 leasing
- 4.2 Hire-Purchase.
- 4.3 Factoring and forfeiting
- 4.4 Housing finance
- 4.5 Venture capital financing
- 4.6 Introduction
- 4.7 Types of Mutual Funds
- 4.8 Operations of Mutual Funds.
- 4.9 Risk in Mutual Funds
- 4.10 SEBI's Guideline for Mutual Funds

Reference and Recommended Books :-

1. Shekhar K.C., (2013) Banking Theory and practices, Vikas Publishing House Pvt.Ltd., New Delhi
2. Agrawal O.P., Modern Banking of India, Himalaya Publishing House, Mumbai
3. Mujumdar N.C., (2013) Modern Banking, New Central Book Agency (P)Ltd., Kolkata.
4. Bhole L.M., (1982) Financial Market and institutions, Tata McGraw- Hill Publishing Co. Ltd. New Delhi.
5. Babu Ramesh (2010) Indian Financial System, Himalaya Publishing House, Mumbai.
6. Joshi V. N. (2013) E- Banking in India., Garima Prakashan, Kanpur.21.
7. Gordon, Natarajan (2010) Financial Market and Services, Himalaya Publishing House, Mumbai.
8. Bhasin Niti (2009) Monetary, Banking and Financial Development in India. New Century Pub.New Delhi.
9. Kothari Rajesh (2010) Financial Services in India, Sage pub. New Delhi.
10. Ramchandran, banking WWW.mjppublishar.com
11. Parameswaren, Indian Banking S. Chand and Co. N.D.
12. Perminder Khanna (Vol I and II) Advanced study in money and Banking. Atlantic Publishar.N.D.
13. Bharati Pathak (2014)The Indian financials system, Person N.D.
14. Khan, (Fifth Addition) financial services The McGraw Hill
15. Vasant Desai, the Indian Financial system and development, Himalaya Publishing House, Mumbai.
16. Gaurav Datta and Mahajan (Latest Edition) Indian Economy, S. Chand and Co. N.D.
17. Mishra and Puri (Latest Edition) Indian Economy Himalaya Publishing House, Mumbai.
18. Kolate S.M. (2014) Indian banking System (Marathi) Prashant Pub. Jalgaon.

19. Kolate S.M. (2015)Banking Principles and Practices (Marathi) Prashant Pub. Jalgaon
20. Chavhan and Jain (2015) Principles and Practices of Banking (Marathi) Prashant Pub. Jalgaon
21. Fuse S.T. (2016) Modern Banking and financial system (Marathi) Prashant Pub. Jalgaon
22. RBI Annual Report.
23. Report on currency and finance (RBI)

North Maharashtra University, Jalgaon
Faculty of Humanities
Board of Studies in Economics
Syllabus of Course of M.A. (Economics) Part – II (w.e.f. June-2018)
Maximum Total Marks: 100 = (University Assessment) 60 +(College Assessment) 40
Semester-IV

Paper Code : ECO: 244(C)

Paper Title : Econometrics - I

Nature : Optional Paper (Choise Based)

Total Lectures Required : 60

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|-----------|---|-----------|
| 1. | Introduction and Regression Analysis | 15 |
| 1.1 | Meaning, Nature and Scope of Econometrics. | |
| 1.2 | Estimation of simple linear regression model through ordinary least squares methods. | |
| 1.3 | Assumption of ordinary least squares method and The Gauss-Marko theorem. | |
| 1.4 | Estimation of Multiple linear regression models through ordinary least squares methods. | |
| 2. | Violation of the Assumption | 15 |
| 2.1 | Autocorrelation-concept, consequences, detection and remedial measures. | |
| 2.2 | Heteroskedasticity-concept, consequences, detection and remedial measures. | |
| 2.3 | Multicollinearity-concept, consequences, detection and remedial measures. | |
| 2.4 | Problems of specification errors and errors in measurement. | |
| 3. | Dummy Variables and Dynamic Econometric Models. | 15 |
| 3.1 | Concept of Dummy variable and it's use. | |
| 3.2 | Introduction of qualitative response regression models. | |
| 3.3 | Concept of Lag in Economics and Koyck lag Model. | |
| 3.4 | Partial adjustment,adaptive expectations and Almon,s distributed lag Model. | |
| 4. | Simultaneous-Equation Models. | 15 |
| 4.1 | The simultaneous equation bias and inconsistency of OLS. | |
| 4.2 | Structural and Reduced form model. | |
| 4.3 | The Identification problem and rules for Identification. | |
| 4.4 | Estimation of simultaneous equation models-The recursive models and OLS,ILS,2SLS, FIML methods. | |
| | - Ordinary Least Square (OLS) | |
| | - Indirect Least Square Methods (ILS) | |
| | - Two Stage Least Square estimation (2SLS) | |
| | - Full information maximum likelyhood estimation (FIML) | |

Recommended Books

- (1) Gajarati D.N.and Porter D.C.(2009)-Essential of Econometrics McGraw-Hill Higher Education, New York.
- (2) GajaratiD.N.,PorterD.C.andGunasekar S.(2012)-Basic Econometrics-Tata McGravHill Education Pvt.Ltd.,New Delhi.
- (3) Johnston J.(1972)-Econometrics Method s,-MC-Graw-Hill KogakushaLtd.Tokiyo.
- (4) Koutsoyiannis A.(2001)-Theory of Econometrics -Palgrave PubhishersLtd.,New York.
- (5) Stadenund A.H.(2010)-Using Econometrics:A Practical Guide,PrenticeHall,New Jersey.