

- M. A. in ECONOMICS
- FIRST SEMESTER (ODD SEMESTER)

FACULTY OF SOCIAL SCIENCE

Eligibility Criteria (Qualifying Exams)	Admission Criteria	Course Code	Course Type	Course (Paper/Subjects)	Credits	Contact Hours Per Week			EoSE Duration (Hrs.)	
						L	T	P	Thy	P
Bachelor Degree in the concerned subject/ discipline	1) Merit List 2) Entrance Test (written or/and oral) if decided by the University 3) Observance of Reservation Policy.	ECO 101	CCC	Micro Economics-1	6	4	3	00	3	0
		ECO102	CCC	Macro Economics-1	6	4	3	00	3	0
		ECO103	CCC	Public Economics-1	6	4	3	00	3	0
		ECOS01	OSC	Research Methodology & Computer Application: Basics	6	4	3	00	3	00
		ECOA01	ECC/CB	Constitutionalism & Indian Political System	6	4	3	00	3	00
		ECOA02	ECC/CB	Monetary Economics : Theory and Policy						
		ECOA03	ECC/CB	Industrial Economics-1						
		ECOA04	ECC/CB	Managerial Economics: Theory						
		ECOA05	ECC/CB	Economics of Insurance- I						
						TOTAL= 30				

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE:	ECO 101 COURSE TYPE : CCC
COURSE TITLE: Micro Economics-1	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: This course analyses the economic behaviour of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of consumer behaviour and demand analysis, production theory and behaviour of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework.	
UNIT-1 15Hrs	Definition of Economics, Scope, Relation with other subject
UNIT-2 20 Hrs	Nature of economic theory, assumptions and scope. Theory of demand: Utility, Indifference curve, Revealed preference, Characteristics of goods approach, and consumer's choice under risk, Elasticity of demand-theoretical and empirical aspects.
UNIT-3 20Hrs	Production function-Isoquants, returns to factor and returns to scale, factor substitution, multiproduct firm, Cobb-Douglas production functions and its properties. Theories of cost, Short-run and Long run Cost Curves. Derivation of cost functions from production functions. Derived demand for factors.
UNIT-4 20Hrs	Price and output Determination – Market Structures: perfect competition, monopoly, and monopolistic competition, classical Models of Duopoly. Oligopoly - collusive and non-collusive models.
UNIT-5 15Hrs	Alternative Theories of the firm :- Models of Baumol, Marris, Williamson, Bain, Full Cost Pricing Models and Behavioral models of Cyert and March.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Henderson & Quandt : Microeconomic Theory, A Mathematical Approach. 2. Koutsoyiannis A.: Modern Microeconomics. 3. Heathfield & Wibe : An Introduction to Cost and Production Functions. 4. Layard & Walters: Microeconomics Theory 5. Naylor & Vernon : Microeconomics and Decisions Models of the Firm. 6. Ferguson, C.E.: Microeconomics Theory McGraw Hill, New York 7. Da Costa, G.C. : Value and Distribution, Himalaya, 1992. 8. Ahuja, H L : Advance Economic Theory, S Chand & Co, New Delhi 9. उच्चतर आर्थिक सिद्धांत – Dr. VC Sinha and Smt. Pushpa Sinha 10. उन्नत आर्थिक सिद्धांत– Bansal and Agrawal 11. उच्चतर आर्थिक सिद्धांत – Prof. P.D. Maheshwari 12. उच्चतर आर्थिक सिद्धांत – Prof. S. Chand

M.A. in ECONOMICS (FIRST SEMESTER)			
COURSE CODE:	ECO 102	COURSE TYPE :	CCC
COURSE TITLE: Macro Economics-1			
CREDIT: 06	HOURS: 90		
THEORY: 06	THEORY: 90		
MARKS: 100			
THEORY: 70	CCA : 30		
OBJECTIVE: Macroeconomic or aggregative economic analyses have great importance in the days of new economic reforms. So macroeconomics is very important to understand macroeconomic policies to the students of this subject. Because it establishes the functional relationship between the large aggregates. It is essential to analyze the macroeconomic theoretical structure, which is considered for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis, but also a body of empirical economic knowledge. This paper equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.			
UNIT-1 15 Hrs	Unit-1: Macroeconomics and National Income Accounting: Macroeconomics- Methodology and subject matter- Rationale and importance of aggregative analysis- Micro foundations of macroeconomics- Macroeconomic policy. Definitions and concepts of national income importance of national income analysis Measurement of national income- Keynesian approach to national income and post Keynesian development-		
UNIT-2 15 Hrs	Circular flow- Flow of funds-. Different forms of national accounting- Social accounting- Growth and sectoral breakdown- Problems in preparation of social accounting - Use of national income and product accounting.		
UNIT-3 20Hrs	Monetary Theories. : The Quantity theory of Money: The Cambridge School- Keynesian General theory- Post Keynesian theories: Friedman & Don Patinkin- New Classical School: Rational expectation - J.R. Hicks on Classical and Keynes- Leijonhufwud on Keynesian economics and economics of Keynes- Recent developments- Neutrality of money- Classical, Keynesian and post Keynesian views- Conditions of neutrality- Theory of money and prices- Income theory of money and Liquidity theory of money- Savings and Investment (S & I) Integration of money and value theories- Patinkin's real balance effect- Pigou's wealth effect.		
UNIT-4 20Hrs	Theory of Investment : Meaning and determinants of investment- Marginal efficiency of capital (MEC) and investment: Long and short run shifts in investment functions- Interest elasticity of investment- impact of inflation- Influence of policy measures on investment- Multiplier and acceleration: empirical evidence.		
UNIT-5 20Hrs	Demand for Money and Supply of Money : The concept- The Transaction demand- The Asset demand for money: Keynesian and Classical approaches- Wealth approach- Post-Keynesian theories of demand for money: Friedman's Restatement of Quantity theory, Modigliani's approach- Recent development in the theory. Supply of Money The concept and constituents- Bank money and bank multiplier.		

**SUGGESTED
READINGS**

1. Ackley, G (1978). Macroeconomics: Theory and Policy, MacMillan, New York
2. Dornbusch, R. and F. Stanley (1997). Macroeconomics, McGraw-Hill Inc, New York.
3. Frisch, H. (1983). Theories of Inflation, Cambridge University Press,
4. Ghosh, B.N., and Rama Ghosh (1993). Modern Macroeconomics: Theory and Policy, Himalaya Publishing.
5. Gupta, S.B: (1995). Monetary Planning in India, Oxford University Press, New Delhi.
6. Gupta, G.S. (2001). Macroeconomics: Theory and Applications, Tata McGraw-Hill publishing Company Ltd., New Delhi.
7. Ladler, D.E.W. (1977). Demand for Money, Theory and Evidence, Dum-Don Valley, New York.
8. Leijonhufwud, A. (1968). On Keynesian Economics and Economics of Keynes, Oxford University Press, London.
9. Patinkin, D. (1965). Money, Interest and Prices, Harper & Row, New York.
10. Taylor, L. (1983). Structuralist Macroeconomics, Basic Books, New Longman
11. Branson, W.A. (1989) Macroeconomic Theory and Policy, (3rd Edition) Harper and Row, New Delhi.
12. Romer, D.L. (1996) Advanced Macroeconomic, McGraw Hill Company Ltd; New York.
13. Scarfe, B.L. (1977) Cycles, Growth and Inflation. McGraw Hil

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECO 103 COURSE TYPE : CCC	
COURSE TITLE: Public Economics-1	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: There is specific role of the state in economic development. It has changed over time. The Public finance is very important subject to analyze the role of the Government in the context of fiscal behavior. It has been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of income etc. There is wide and vast area of the subject. It analyzes the public revenue and expenditure trends and programmes, budgetary procedures, stabilization instruments debt issue levels of government etc., which raise a spectrum of issues arising from the operation of these institutions. Further the existence of externalities concern from adjustment in the distribution of income and wealth etc. require political processes for their solution in a manner combines individual freedom and justice. This paper combines thorough understanding of fiscal institutions with a careful analysis of the issues, which underline budgetary policies in general, and Indian experience in particular.	
UNIT-1 20Hrs.	Unit-1: Introduction: Meaning and Definition of Public finance- Scope of Public Finance- Similarities and dissimilarities of Public and private finance- Market failure-imperfection indivisibility- spill over benefit and spill over cost –Externalities. Role of government in Economic Activity.
UNIT-2 20Hrs	Inter-sectoral Allocation and Public Choices: Private & public mechanism for allocating resources; types of goods and their characteristics -Private, Public and Merit goods –Principle of maximum social advantage. Public choice-Unanimity-Relative Unanimity-the medium voter theorem-Arrow’s impossibility Theorem.
UNIT-3 20Hrs	Theories of public expenditure: Meaning of Public Expenditure- Classification of Public Expenditure-Causes of Increase in Public Expenditure- Importance of Public Expenditure – Canons of Public Expenditure-Effects of Public Expenditure-Wagner’s law of Public Expenditure- Wiseman-Peacock Hypothesis on Public Expenditure-Prof. Samuelson’s Pure Theory of Public Expenditure. Trends of Public Expenditure in India.
UNIT-4 20Hrs	Public Revenue and Theories of taxation: Meaning and Definition of Public Revenue- Sources of Public Revenue-classification of Public Revenue. Meaning and definition of Tax- Characteristics of Tax-objective of tax-canons of Taxation- Classification of Taxes- Direct and Indirect Tax, its meaning and merits and demerits of direct and indirect tax – Laffer Curve- Characteristics of Good tax system- Tax Incidence- effects of Taxes.
UNIT-5 10Hrs	C.G. Finance Commission, C.G. Budget

1. Buchanan J.M. (1970) The Public Finances, Richard D. Irwin, Home Wood.
2. Goode R (1986) Govt. finance in Developing Countries, Tata McGraw Hill New Delhi.
3. Houghton J.M. (1970) The Public Finance selected Readings, Penguin, and Harmondsworth.
4. Jha, R. (1998) Modern Public Economics, Routledge, London.
5. Menutt P. (1996) The Economics of Public Choice Edward Elgar, U.K.
6. Musgrava R.A.(1956) The Theory of Public Finance, McGraw Hill Korakhuse, Tokyo.
7. Musgrava R.A. and P.B. Musgrave (1976) Public Finance in Theory and Practice, Macgraw Hill, Kogukhusa, Tokyo.
8. Shoup,C.S. (1970) Pubic finance, Aldine Chicago.
9. Shome P. (Ed) (1995) Tax Policy Hand Book Tax Division, Fiscal Affairs Department, International Monetary Fund Washington, D.C.
10. Auerbach, A.J. and M Feldstern (Eds) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
11. Bhatia, H.L., (2003), Public Finance, Vikas Publishing House Pvt. Ltd., New Delhi

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECOS01 COURSE TYPE: OSC	
COURSE TITLE: RESEARCH METHODOLOGY & COMPUTER APPLICATION: BASICS	
CREDIT: 06	HOURS : 90
THEORY: 06	THEORY: 90
MARKS : 100	
THEORY: 70	CCA : 30
OBJECTIVE:	
<ul style="list-style-type: none"> - Understands the concept and place of research in concerned subject - Gets acquainted with various resources for research - Becomes familiar with various tools of research - Gets conversant with sampling techniques, methods of research and techniques of analysis of data - Achieves skills in various research writings - Gets acquainted with computer Fundamentals and Office Software Package . 	
UNIT - 1 15 Hrs	<p>CONCEPT OF RESEARCH : Meaning and characteristics of research , Steps in research process , Types of research - i) Basic, applied and action research ii) Quantitative and qualitative research , Areas of research in concern discipline</p> <p>SELECTION OF PROBLEM FOR RESEARCH : Sources of the selection of the problem , Criteria of the selection of the problem ,Drafting a research proposal , Meaning and types of variables ,Meaning and types of hypotheses.</p>
UNIT - 2 15 Hrs	<p>TOOLS OF RESEARCH : Meaning and general information about construction procedure of (i) Questionnaire, (ii) Interview, (iii) Psychological test, (iv) observation (v) Rating scale (vi) Attitude scale and (vii) check list , Advantages and disadvantages of above tools</p> <p>SAMPLING : Meaning of population and sample , Importance and characteristics of sample , Sampling techniques - i) Probability sampling : random sampling, stratified random sampling, systematic sampling, cluster sampling ii) Non-probability sampling: incidental sampling, purposive sampling, quota sampling</p>
UNIT - 3 15 Hrs	<p>METHODS OF RESEARCH Meaning and conducting procedure of following methods of research : Historical method , Survey method , Case study , Causal comparative method , Developmental methods , Experimental methods</p>
UNIT - 4 15 Hrs	<p>TREATMENT OF DATA : Level of measurements of data , Steps in treatment of data: editing, coding, classification, tabulation, analysis and interpretation of results</p> <p>WRITING RESEARCH REPORT : Sections of report : Preliminary section , Content section : various chapters , Supplementary section : appendices, references, abstract , Format and style</p>

Computer Fundamentals

Computer System : Features, Basic Applications of Computer, Generations of computers.

Parts of Computer System : Block Diagram of Computer System ; Central Processing Unit (CPU) ; Concepts and types of Hardware and Software, Input Devices - Mouse, Keyboard, Scanner, Bar Code Reader, track ball ; Output Devices - Monitor, Printer, Plotter, Speaker ; Computer Memory - primary and secondary memory, magnetic and optical storage devices.

Operating Systems - MS Windows : Basics of Windows OS ; Components of Windows - icons, taskbar, activating windows, using desktop, title bar, running applications, exploring computer, managing files and folders, copying and moving files and folders ; **Control panel :** display properties, adding and removing software and hardware, setting date and time, screensaver and appearance ; **Windows Accessories :** Calculator, Notepad, WordPad, Paint Brush, Command Prompt, Windows Explorer.

Agrawal, Y. P. (1988). *Better sampling : Concepts, Techniques and Evaluation*. New Delhi : sterling Publishers Private Ltd. Best, J. W. (1993).

Research in Education (6th ed.) New Delhi : Prentice-Hall of India Pvt. Ltd.

Broota, K. D. (1992) *Experimental design in Behavioral Research* (2nd ed.) New Delhi : Wiley Eastern Limited.

Dasgupta, A. K. (1968). *Methodology of Economic Research*. Bombay: Asia Publishing House.

Edwards, A. L. (1957). *Techniques of Attitude Scale construction*. New York : Appleton-Century

Gall, M. D., Gall, J. P. and Borg, W. R. (2007). *Educational Research : An introduction* (8th ed.) Coston : Allyn and Bacon.

Garrett, H. E. & Woodworth, R. S. (1969). *Statistics in Psychology and Education*. Bombay : Vakils, Fecffer & Simons Pvt. Ltd.

Goode, W. J. & Hatt, Paul K. (1952). *Methods in Social Research*. New York : McGraw-Hill.

Gopal, M. H. (1964). *An Introduction to research Procedure in Social Sciences*. Bombay : Asia Publishing House.

Hillway, T. (1964) *Introduction to Research* (2nd ed.) Noston : Houghton Mifflin.

Hyman, H. H., et al. (1975). *Interviewing in Social Research*.

Chicago : University of Chicago Press.

Kerlinger, F. N. (1983) *Foundation of Behavioural Research*. (2nd Indian Reprint) New York : Holt, Rinehart and Winston.

Kothari, C. R. (2007) *Research Methodology: Methods & Techniques* (3rd ed.)

New Delhi : WishwaPrakashan. *Fundamentals Of Computers*, Dr. P. Mohan, Himalaya Publishing House.

Microsoft First Look Office 2010, K. Murray, Microsoft Press.

Fundamental Of Research Methodology And Statistics, Y.K. Singh, New Age

International (P) Limited, Publishers. Practical Research Methods, Dr Catherine Dawson,

The Essence Of Research Methodology, Jan Jonker & Bartjan Pennink, Springer.

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECOA01COURSE TYPE: ECC/CB	
COURSE TITLE: CONSTITUTIONALISM & INDIAN POLITICAL SYSTEM	
CREDIT: 06	HOURS : 90
THEORY: 06	THEORY: 90
MARKS : 100	
THEORY: 70	CCA : 30
OBJECTIVE:	
<ul style="list-style-type: none"> - Understands the concept of Constitutionalism - Gets acquainted with various Indian Political System - Becomes familiar with various Union Executive - Gets conversant with Legislatures, Legislative Bills - Achieves skills in various writings 	
UNIT - 1 12Hrs	Unit- I: Meaning: Constitution, Constitutional government & constitutionalism; Difference between Constitution & Constitutionalism; Constitutionalism: Basis, Elements, Features & future. Forms of Government: Democracy & Dictatorship, Unitary & Federal, Parliamentary & Presidential form. Ideals of the Indian Constitution incorporated in the Preamble. Special Features of the Indian Constitution.
UNIT - 2 24Hrs	Unit-II: Concept of State and Citizenship, Judicial Review and Fundamental Rights, Directive Principles of the State Policy, Fundamental Duties, Procedure to Amend the Indian Constitution, Judiciary: Supreme Court and High Court, Judicial Activism and Public Interest Litigation and Provisions relating to Emergency.
UNIT - 3 10 H rs	Unit-III: Union Executive- President, Prime Minister, Council of Ministers. State Executive- Governor, Chief Minister and Council of Ministers. Local Bodies & Panchayati Raj
UNIT - 4 24Hrs	Unit-IV: Parliament of India, State Legislatures, Legislative Bills: Ordinary, Money and Financial, Union State Relations, Principles of the 'Separation of Power and the 'Principles of Check & Balance'. Political Parties and Pressure Groups. Challenges before Indian Democracy: Terrorism, Regionalism, Communalism, <i>Linguistics</i> and National Integration.
UNIT - 5 20Hrs	Unit-V: Controller & Accountant General of India, Solicitor General, Advocate General, Election Commission, Union and State(s) Public Service Commission, Finance Commission.

HOBBS, Thomas, The Leviathan, Chapters XIII & XVII [entry]
LOCKE, John, The Second Treatise of Civil Government, Chapter IX [entry]
ROUSSEAU, Jean-Jacques, The Social Contract or Principles of Political Right
MONTESQUIEU, The spirit of the laws,
RAZ, Joseph, “The rule of law and its virtue”, in The authority of law, Oxford University Press, 1979
Dicey on British constitution
P. Ishwara Bhat Inter-relationship between Fundamental Rights
M P Jain Indian Constitutional Law
H M Seervai Constitutional Law of India
V N Shukla Constitution of India
D DBasu Shorter Constitution of India
B Sivarao Constitutional Assembly Debates
J. V R Krishna Iyer Fundamental Rights and Directive Principles
Paras Diwan Human Rights and the Law
P K Tripathi Some Insight into Fundamental Rights
S P Sathe Fundamental Rights and Amendment to the Constitution
P B Gajendragadkar Law, Liberty and Social Justice
David Karrys Politics of Law

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECOA02 COURSE TYPE : ECC/CB	
COURSE TITLE: Monetary Economics: Theory and Policy	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Money and banking constitute important components towards understanding of economics. A clear understanding of the operations of money and banking and their interaction with the rest of the economy is essential to realize how monetary forces operate through a multitude of channels – market, non-market, institutions and among others, the state. The operation of financial markets and their regulations are to be studied to appreciate their key-role in an economy, especially after the far reaching banking and financial sector reforms in India and elsewhere. The present course is designed to acquaint the students fully with the changing role of financial institutions in the process of growth and development. Accordingly, the paper on ‘Economics of Money and Banking’ is an optimal integration of monetary theory, banking and non-banking financial institutions, which combine with itself a systematic discussion of the theory, institutions and policy with special reference to India.	
UNIT-1 20Hrs	The Definition of Money : Function and Types of Money, Post-War Controversy on the Definition of Money and Money Supply – The Theoretical Debate and Empirical Attempts. Demand for Money : The Classical Quantity Theory of Money, The Keynesian Approach, Friedman’s Theory. Supply of Money : Money Creation by the Banking System. High Powered Money and Money Multiplier. Measures of Money Supply in India.
UNIT-2 20Hrs	Term Structure of Interest Rates : The Expectations Theory, Liquidity Premium Theory, Market Segmented Theory, Preferred Habitat Theory. Monetary Policy : Targets, Goals and the Trade Offs Among Alternate Goals, Lags in Operation, Transmission Mechanism – Classical Model, Keynesian Model and Monetarist Model, Rules vs. Discretion.
UNIT-3 15 H rs	Central Banking : Origin and Evolution, Main Functions, Policy Tools, RBI – Monetary Policy and Autonomy. Commercial Banking : Functions, Major Developments in Commercial Banking in India since Nationalization and during post economic reforms. Banking Sector Reforms. Contents of RBI Monetary Policy and reforms therein.
UNIT-4 20Hrs	Development Financial Institutions : Role, Growth and Structure of Development Financial Institutions in India. Types and Control of Non - Banking Financial Companies (NBFCs) by RBI. International Monetary System : IMF and International Liquidity. European Monetary System – Features of the Maastricht Treaty and Post Maastricht Treaty Developments.
UNIT-4 15Hrs	C.G. Budget, Finance Commission of C.G.

**SUGGESTED
READINGS**

1. Bofinger Peter (2001) : Monetary Policy : Goals, Institutions, Strategy and Instruments, Oxford University Press.
2. Dennis Geogrey, E.J. (1981) : Monetary Economics, Longman.
3. Dinlio, A. Eugene (Latest Edition)
4. Fabozzi, F. J. and Franco Modigliani (Fourth Edition) (2009)
5. Howells, Peter and Bain Keith (2002) : Theory and Problems of Money and Banking, International Edition (Schaum's Outline Series).
6. Capital Markets Institutions and Instruments, Prentice Hall, New Jersey.
7. The Economics of Money, Banking and Finance, Prentice Hall, Pearson Education Ltd.

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECOA03 COURSE TYPE : ECC/CB	
COURSE TITLE: Industrial Economics-1	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: In the contemporary world with globalization and liberalization more and more attention is being given to industry. This course intends to provide knowledge to the students on the basic issues such as productivity, efficiency, capacity utilization and debates involved in the industrial development of India. The objective is to provide a thorough knowledge about the economics of industry in a cogent and analytical manner, particularly in the Indian context. Paper of Industrial Economics structure conduct and performance paper of Industrial Economics of India both cover all the objectives and importance of the study of Industrial Development of India.	
UNIT-1 15Hrs.	Industrial Economics framework and its problemConcept of firm, types of firm, main objectives of the firm. Firm behavior active and passive, profit maximization, scope of Industrial Economics.
UNIT-2 20Hrs	Market Structure: -Main components of the market sellers concentration, product differentiation, entry condition, exit from the market, economies of scale market structure and profitability, market structure and innovation.
UNIT-3 20 H rs	Market Conduct: -Market and product pricing, pricing theories and strategies, Investment expenditure – its methods of evaluating investment expenditure merger acquisitions and collaboration its theories and empirical evidences – its success and necessity Product diversification.
UNIT-4 20 Hrs	Market Performance: -Growth of the firm, size of the firm, profitability of the firm, its constraints, productivity efficiency and capacity utilization, its concept and measurement more in context of Indian situation.
UNIT-5 15 Hrs	Different types of Industries in C.G. with Reference to Surguja

- 1.Ahuliwala I.J. (1985) Industrial Growth in India, Oxford University Press, New Delhi.
 - 2.Barthwa R.R. (1985) Industrial Economics, Wiley Eastern Ltd. New Delhi.
- Saurashtra University_MA-Economics-Draft Copy for Approval by Statutory Bodies
Page 9 of 55
- 3.Cherunilam F. (1994) Industrial Economics Indian Perspective (3rd Edition) Himalaya Publishing House, Mumbai.
 - 4.Desai B. (1999) Industrial Economics of Indian (3rd Edition) Himalaya Publishing House, Mumbai.
 - 5.Devine P.J. and R.M. Jones (1976) An Introduction to Industrial Economics, George Alien and Unwin Ltd. London.
 - 6.Government of India, Economic Survey (Annual)
 - 7.Hay D. and D.H. Morns (1979) Industrial Economics: Theory and Evidence, Oxford University Press, Delhi.
 - 8.Kuchhal S.C. (1980) Industrial Economy of Indian (5th edition) Chaitnya Published House, Allah bad.
 - 9.Reserve Bank of India, Report on Currency and Finance (Annual)
 - 10.Singh and A.N. Sadhu (1988) Industrial Economics, Himalaya Publishing House, Bombay.
 - 11.Naik Jyoti D. 'Udyog Ni SthalPasandgi', Visuki Printing

M.A. in ECONOMICS (FIRST SEMESTER)	
COURSE CODE: ECOA04 COURSE TYPE : ECC/CB	
COURSE TITLE: Managerial Economics: Theory	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: This Course is essential for a student who aspires for management of a firm or company or any enterprises. this age is age of management. So managerial economics is very important to learn the art of management for achieving predetermined goals. The management means in each measure was as much a response to immediate economic problems and policy issues as much as it was a self-conscious attempt to refine earlier analysis by correcting mistakes and filling in the gaps in management. Managerial analysis did not evolve in isolation. But were in integral and important part of the evolution of modern economic thought. Prevailing ideas of science, scientific thought t and measurement played a significant role in the shaping of economic science at each stage of its evolution.	
UNIT- 1 20Hrs.	Definition, nature and scope of Managerial Economics - Managerial Economics and Micro-economics - Managerial Economics and Macro-economics - Applications of Economics in Managerial decisions making. Types of Business Organizations - Proprietary Firms, Partnership Firms, Joint Stock Companies, Public Sector Undertakings, Cooperative Societies, Non-profit Organizations,
UNIT-2 20Hrs	Demand and Production Analysis - Determinants of Market Demand - Law of Demand - Elasticity of Demand - Measurement and its use - Demand Forecasting - Techniques of Demand Forecasting. Meaning of Production Function - Law of variable proportions - Law of Supply and Elasticity of Supply .
UNIT-3 20 H rs	Costs and Pricing and output determination - Costs and Cost Functions - Short Terms Costs and their use on decision making - Determinants of costs - Break Even Analysis - Cost Forecasting. Pricing decisions under different market forms like perfect competition, monopoly, oligopoly - Pricing Methods - Pricing in Public Sector Undertakings and Cooperative Societies
UNIT-4 15 Hrs	Business Organizations in New Millennium - Organizational Goals - Profit Maximization, Sales Maximization, Satisfying Theory - Enhancing value of the firm and its goals. Cost Benefit Analysis - Steps in cost benefit analysis - Justification for the use of cost benefit analysis
UNIT-5 15 Hrs	Marketing System of China and Role of M.N.C.S.

**SUGGESTED
READINGS**

1. Managerial Economics - D.Salvatore
2. Managerial Economics - Mote, Paul and Gupta
3. Managerial Economics - Varshney and Maheshwari
4. A study of Managerial Economics - D.Gopalkrishna
5. Managerial Economics - D.C.Hauge
6. Managerial Economics - Reckie and Crooke
7. Managerial Economics - Gupta
8. Managerial Economics, 4th Ed. - Craig Peterson

M.A. Economics

(First Semester)

Course Code- ECOA05

Course Type- ECC/CB

Economics of Insurance- I

UNIT-1 Risk Management and Insurance in Economic Development, Insurance Institution as Financial Intermediaries; Insurance Institutions as Investment Institutions; Insurance Institution in Indian Capital Market; Regulations Governing Investment of Insurance Institutions in India; IRDA Rules in this Regard. *(Study Hours 18)*

UNIT -2 Economic Security; Human Quest for Economic Security through Time; Exposure to Losses; Role of Insurance; Definition of Insurance; Risk Pooling and Risk Transfer; Economic and Legal Perspective, Social vs. Private Insurance; life vs. Non-Life Insurance; Classification of life, Health and general Insurance Policies. *(Study Hours 18)*

UNIT -3 Fundamentals of Uncertainty and Risk; Pure Risk and Speculative Risk; Expected Utility and Decision-making under Uncertainty; Expected Utility and Demand for Insurance; Moral Hazard and Insurance Demand; Concept of Risk Management; Essentials of Risk Management. *(Study Hours 18)*

UNIT -4 Elements of Risk Management- Risk Assessment; Risk Control and Risk Financing; World Wide Risk Sharing- Concept of Reinsurance, Fundamentals of Reinsurance, Types of Reinsurers; Reinsurance Distribution System, Reinsurers Market in Developing Countries.

(Study Hours 18)

UNIT -5 Fundamentals of Life and Health Insurance; Functions of Life and Health Insurance; Mathematical Basis of Life Insurance; plans of Life Insurance; Legal Aspects of Life Insurance; Provisions of Policies; Selection and Classification of Risks; Basics of Premium Construction; Valuation and Distribution of Surplus; Individual Health Insurance; Uses, Types of Evaluation; Principles of Underwriting of Life and Health Insurance; Group Insurance and Superannuation (pension) Schemes; Set up and Management of Insurance Companies.

(Study Hours 18)

References:

1. Bailey, R.(Ed.): Underwriting in Life and Insurance.
2. Benjamin, B.: General Insurance.
3. Bhole, L.M.: The Indian Financial System.
4. Bickelhaupt, D.L.: General Insurance.
5. Black, K. Jr. and H.D. Skipper Jr.: Life and Health Insurance.
6. Dionne, G. and S.E. Harrington (Eds.): Foundations of Insurance Economics.
7. Elloit, M.W., Webb, B.J., Anderson, H.N. and Kensicki, P.R.: Principles of reinsurance.
8. Finsinger, J.M.V. Pauly (Eds.): The Economics of Insurance Regulation: A Cross National Study.
9. Graves, E.E. and L. Hayes (Eds.): McGill's Life Insurance.
10. Head, G.L. and S. Horn II: Essentials of Risk Management.
11. Insurance Regulation and Development Authority: IRDA Regulation.
12. Peltzman, S.: Towards a More General Theory of Regulations.
13. Skipper, Jr., H.D. (Ed.): International Risk and Insurance: An Environmental Managerial Approach.
14. Tacchino, K.B. and D.A. Little: Planning for Retirement Needs.

- M. A. in ECONOMICS
- SECOND SEMESTER (EVEN SEMESTER)

FACULTY OF SOCIAL SCIENCE

Eligibility Criteria (Qualifying Exams)	Course Code	Course Type	Course (Paper/Subjects)	Credits	Contact Hours Per WeeK			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
After appearing in the first semester examination irrespective of any number of back/ arrear papers	ECO 201	CCC	Micro Economics-2	6	4	3	00	3	0
	ECO 202	CCC	Macro Economics-2	6	4	3	00	3	0
	ECO 203	CCC	Public Economics-2	6	4	3	00	3	0
	ECO 221	PRJ/FST/EST	Social Outreach And Skill Development	6	00	00	9	00	4
	ECO B01	ECC/CB	Environmental And Forest Laws	6	4	3	00	3	00
	ECOB02	ECC/CB	Economics of Financial Markets and Institutions						
	ECO B03	ECC/CB	Industrial Economics-2						
	ECOB04	ECC/CB	Economics of Urbanisation						
	ECOB05	ECC/CB	Computer Application in Economics Analysis						
				TOTAL= 30					

M. A. in ECONOMICS (SECOND SEMESTER)	
COURSE CODE:	ECO 201 COURSE TYPE : CCC
COURSE TITLE: Micro Economics-2	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: This course deals with the micro and macro theories of distribution and welfare economics. It equips students for policy evaluation tools and concepts. It gives micro and macro perspectives of income distribution and helps in developing insight into working of economy with reference to welfare of individual and its implications.	
UNIT-1 15 Hrs	Distribution: Micro Theories, Marginal Productivity theory, product exhaustion and Ellor’s Theorem. Modern theory of Distribution.
UNIT-2 15 Hrs	Concept of exploitation of labor – Macro Distribution Theories: Ricardian, Marxian, Kaldorian and Kalecki’s theories.
UNIT-3 20 Hrs	Welfare Economics – Individual and social welfare, role of value judgments, Pigou’s concept of welfare. Problem of welfare maximization, optimality conditions- efficiency conditions, social justice and social optimum; market failure- imperfections, decreasing cost, externalities, uncertainty and non-existence of market, Methods of solving problems of externalities – taxes and subsidies, Property rights, Coase theorem, direct government regulation. Public good externalities – Free rider problem.
UNIT-4 20 Hrs	Theories of Welfare Economics: Old and New Welfare Economics; Pareto’s Optimum Social Welfare Conditions, Bergson’s Social Welfare Function, Samuleson’s Utility Possibility Curve, Hicks and Kaldor’s Compensation Principle, Sckitovski’ double Criterion.
UNIT-5 20Hrs	Arrow’s Impossibility theorem, equity-efficiency trade off. Theory of second best. Amartya Kumar Sen’s. Contribution in welfare Economics.

1. American Economic Readings in *Income Distribution*, George Allen & Bronfenbrenner, M. : Income Distribution Theory, Macmillan, 1971.
2. Henderson & Quandt : *Microeconomics Theory A Mathematical Approach*. McGraw Hill, New York, 1971
3. Koutsoyiannis, A. : *Modern Microeconomics*. Mc Graw Hill,
4. Stonier A W and D C Hague, *A Text book of Economic Theory*, Pearson Education, Delhi,2009
5. Taylor & Vernon: *Microeconomics and Decision Models of the Firm*.
6. Bruce. N. And R. Broadway : *Welfare Economics*.
7. Pindyck R S, D L Rubinfeld and P L Mehta, *Microeconomics*, Pearson Printice Hall, 6th ed. 2007, Delhi
8. Dvid M Kreps. : *A Course in Micro Economic Theory*, PHI, Delhi, 1999.
9. Ahuja H L : *Advance Economic Theory*, S. Chand & Co, Delhi,2012
10. Ahuja H L: *Principles of micro Economics*, S. Chand & Co, Delhi, 2011

**M. A. in ECONOMICS
(SECOND SEMESTER)**

COURSE CODE: ECO 202 **COURSE TYPE :** CCC

COURSE TITLE: Macro Economics-2

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE: Macroeconomics or aggregative economic analysis establishes the functional relationship between the large aggregates. The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge.

UNIT-1 18 Hrs	Consumption Function and investment function: Keynes psychological law of consumption - implications of the function: income - consumption relationship - absolute income, relative income, and life cycle and permanent income hypotheses.
UNIT-2 18 Hrs	Marginal efficiency of investment and level of investment; Marginal efficiency of capital investment - long run, The accelerator and investment behavior.
UNIT-3 18 Hrs	Neo-classical and Keynesian Synthesis: Neo-classical and Keynesian views on interest and income; The IS-LM model, Derivation of IS and LM curves, and stability; Extension of IS-LM model with government sector; Relative effectiveness of monetary and fiscal policies, Extension of IS-LM models with labor market and flexible prices.
UNIT-4 18 Hrs	Theory of Inflation: Classical, Keynesian and Monetarist approaches to inflation, Structuralism theory of inflation; Philips curve analysis - Short run and long run Philips curve; Samuelson and Solow - the natural rate of unemployment hypothesis; Tobin's modified Philips curve; Adaptive expectations and rational expectations; Policies to control inflation.
UNIT-5 18Hrs	New Macroeconomics: The new classical critique of micro foundations, the new classical approach; Policy implications of new classical approach - empirical evidence. Approach of Mundell and other economists on open economy Asset Markets, Theory of Rational expectations - Monetary approach of balance of payment.

1. Ackley, G (1978) *Macroeconomics: Theory and Policy*, Macmillan, New York.
2. Hallm R. and J.B. Taylor (1986) *Macroeconomics* W.W. Norton, New York.
3. Jha, R. (1991) *Contemporary Macroeconomic Theory and Policy*, Wiley Eastern Ltd. New Delhi.
4. Romer, D.L. (1996) *Advanced Macroeconomics*, McGraw Hill Company Ltd. New York.
5. Shapiro, E. (1996) *Macroeconomic Analysis*, Golgotha Publications, New Delhi.
6. Surrey, MJC (Ed) (1976) *Macroeconomic Themes*, Oxford University Press, Oxford.
7. Reddy, Y.V. (2000): *A Review of Monetary and Financial Sector Reforms in India- Central Bank's Perspectives*, UBSPD, New Delhi.
8. Brahma P.R. (1980) *Growth less inflation by the means of stockless money*.
9. Gupta, S.B. (1982) *Monetary Planning in India*, Oxford Publication, New Delhi.
10. Powelson, J. P. (1960), *National Income and Flow of Funds Analysis*, McGraw Hill, New York.
11. Rao. V. K. R. V. (1983). *India's National Income: 1950 to 1980*, Sage Publications. New Delhi.
12. Duesenberry, J. S. (1949), *Income Saving and the Theory of Consumer Behavior*, Harvard University Press, Harvard.
13. Friedman, M. (1957). *The Theory of Consumption Function*, Princeton University Press, Princeton.
14. Keynes, J. M. (1936), *The General Theory of Employment, Interest and Money*. Macmillan, London.
15. Chakravarty, S. C. (1985), *Report of the Committee to Review the Working of the Monetary System*, Reserve Bank of India, Bombay
16. Gurley, J. and E. S. Shaw (1960), *Money in a Theory of Finance*. Brookings Institution, Washington.

**M. A. in ECONOMICS
(SECOND SEMESTER)**

COURSE CODE: ECO 203 **COURSE TYPE :** CCC

COURSE TITLE: Public Economics-2

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE: Role and functions of the Government in an economy have been changing with passage of time. It is necessary for post-graduate students to know principals of public finance and package of policy executed by the State Government and Central Government. Budgetary policy is an important part to understand the basic problems of use of resources, distribution of income, etc. This paper aims to well-equipped P.G. students of Economics about tax system, public expenditure, public debt. and budgetary procedure as stabilization instrument. This paper also explain through understanding of fiscal institutions.

UNIT-1
20 Hrs
Public Debt: Meaning and Definition Public debt- Objective of Public debt- Difference between Public debt and private debt -Classification of Public debt –Sources of Public debt – Redemption of Public debt –Effects of Public debt - Principles of of Public debt - Burden of Public debt – Trends of Public debt in India.

UNIT-2
20 Hrs
Fiscal Policy: Meaning and definition of Fiscal policy- Objective of Fiscal policy – Instruments of Fiscal policy – role of fiscal policy in controlling inflation - fiscal policy for full employment – limitations of fiscal policy – fiscal reforms in India.

UNIT-3
20 Hrs
Budget: Concept of budget- Kinds of Budgets-Components of the Government Budget- Zero-base budgeting - different concepts of budget deficits - Budgets of the Union Government in India.

UNIT-4
20Hrs
Fiscal Federalism Meaning of Federal Finance- Principles of Federal Finance - Problems of Centre-State Financial relations in India-Imbalance between fiscal Needs and Capacity- Indian federal finance- Finance commission and recommendation of latest Finance commission.

UNIT-5
10Hrs
Budget of C.G.

**SUGGESTED
READINGS**

1. Atkison A.B.and J.E. Siglitz : (1980) Reading on Public Economics, Tara McGraw Hill NewYork.
2. Auerbach A. Jand M. Feldstem (Ed)(1995) Hand book of Public Economics, Vol. 1 North Holland, Amsterdam.
4. Goode R. (1986) Govt. finance in Developing Countries, Tata MacGraw Hill, New Delhi.
5. Houghton J.M.(1970) The Public Finance selected Readings,. Pengun, Hairm onds worth.
6. Jha, R. (1998) Modern Public Economics Rout ledge, London.
7. Menutt P. (1996) The Theory of Public Choice Edward Elegar, U.K.
8. Musgrave R.A. (1996) The Theory of Public Finance, McGraw Hill, Jogukhusa, Tokyo.
9. Musgrave R.A. and P.B. Musgruve (1976) Public Finance in Theory and Practice, McGraw Hill, Jogukhusa, Tokyo.
11. Some P : (Ed) (1995) Tax Policy Hand Book Division, Fiscal Affairs Department, International Monetary Fund, Washington, D.C.

**M. A. in ECONOMICS
(SECOND SEMESTER)**

COURSE CODE: ECOB01 COURSE TYPE : ECC/CB

COURSE TITLE: ENVIRONMENTAL AND FOREST LAWS

CREDIT: 06

HOURS : 90

THEORY: 06

THEORY: 90

MARKS : 100

THEORY: 70 CCA : 30

OBJECTIVE:

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data
- Achieves skills in various research writings
- Gets acquainted with computer Fundamentals and Office Software Package .

UNIT - 1 18 Hrs	EVOLUTION OF FOREST AND WILD LIFE LAWS
	<ul style="list-style-type: none"> a) Importance of Forest and Wildlife b) Evolution of Forest and Wild Life Laws c) Forest Policy during British Regime d) Forest Policies after Independence. e) Methods of Forest and Wildlife Conservation.
UNIT - 2 18 Hrs	FOREST PROTECTION AND LAW
	<ul style="list-style-type: none"> a) Indian Forest Act, 1927 b) Forest Conservation Act, 1980 & Rules therein c) Rights of Forest Dwellers and Tribal c) The Forest Rights Act, 2006 d) National Forest Policy 1988
UNIT - 3 18 H rs	WILDLIFE PROTECTION AND LAW
	<ul style="list-style-type: none"> a) Wild Life Protection Act, 1972 b) Wild Life Conservation strategy and Projects c) The National Zoo Policy

UNIT - 4
18 Hrs

CHAPTER – BASIC CONCEPTS

- a. Meaning and definition of environment.
- b. Multidisciplinary nature of environment
- c. Concept of ecology and ecosystem
- d. Importance of environment
- e. Meaning and types of environmental pollution.
- f. Factors responsible for environmental degradation.

CHAPTER– INTRODUCTION TO LEGAL SYSTEM

- a. Acts, Rules, Policies, Notification, circulars etc
- b. Constitutional provisions on Environment Protection
- c. Judicial review, precedents
- d. Writ petitions, PIL and Judicial Activism

CHAPTER – LEGISLATIVE FRAMEWORK FOR POLLUTION CONTROL LAWS

- a) Air Pollution and Law.
- b) Water Pollution and Law.
- c) Noise Pollution and Law.

UNIT - 5
18 Hrs

CHAPTER- LEGISLATIVE FRAMEWORK FOR ENVIRONMENT PROTECTION

- a) Environment Protection Act & rules there under
- b) Hazardous Waste and Law
- c) Principles of Strict and absolute Liability.
- d) Public Liability Insurance Act
- e) Environment Impact Assessment Regulations in India

CHAPTER – ENVIRONMENTAL CONSTITUTIONALISM

- a. Fundamental Rights and Environment
 - i) Right to EqualityArticle 14
 - ii) Right to InformationArticle 19
 - iii) Right to LifeArticle 21
 - iv) Freedom of Trade vis-à-vis Environment Protection
- b. The Forty-Second Amendment Act
- c. Directive Principles of State Policy & Fundamental Duties
- d. Judicial Activism and PIL

Bharucha, Erach. Text Book of Environmental Studies. Hyderabad : University Press (India) Private limited, 2005.

Doabia, T. S. Environmental and Pollution Laws in India. New Delhi: Wadhwa and Company, 2005.

Joseph, Benny. Environmental Studies, New Delhi: Tata McGraw-Hill Publishing Company Limited, 2006.

Khan. I. A, Text Book of Environmental Laws.Allahabad: Central Law Agency, 2002.

Leelakrishnan, P. Environmental Law Case Book. 2nd Edition. New Delhi: LexisNexis Butterworths, 2006.

Leelakrishnan, P. Environmental Law in India. 2nd Edition. New Delhi: LexisNexis Butterworths, 2005.

Shastri, S.C (ed). Human Rights, Development and Environmental Law, An Anthology. Jaipur: Bharat law Publications, 2006.

Environmental Pollution by Asthana and Asthana, S,Chand Publication

Environmental Science by Dr. S.R.Myneni, Asia law House

Gurdip Singh, Environmental Law in India (2005) Macmillan.

Shyam Diwan and Armin Rosencranz, Environmental Law and Policy in India – Cases, Materials and Statutes (2nd ed., 2001) Oxford University Press.

JOURNALS :-

Journal of Indian Law Institute, ILI New Delhi.

Journal of Environmental Law, NLSIU, Bangalore.

MAGAZINES :-

Economical and Political Weekly

Down to Earth.

**M. A. in ECONOMICS
(SECOND SEMESTER)**

COURSE CODE: ECO B02 **COURSE TYPE :** ECC/CB

COURSE TITLE: Economics of Financial Markets and Institutions

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA : 30**

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

UNIT-1
18Hrs
Financial Markets and Financial Institutions : The role and structure of Financial Markets in the Economy. Functions of Financial Institutions.
Introduction to Corporate Finance : Various Methods of Corporate Finance, Goals of Financial Management, The Cost of Capital and the Capital Structure.

UNIT-2
18 Hrs
The Supply of Securities : Regulations Governing Supply of Securities, General Characteristics of Securities – Government Bonds – Index Linked Bonds – Corporate Securities, Mutual Funds and Money Market Funds.

UNIT-3
18 Hrs
The Demand for Securities : The Time Dimension – Present Value and Duration, Yields on Zero-Coupon Bonds. Measurement of risk, Expected Utility Approach, Mean Variance Portfolio Theory, Portfolio Diversification.

UNIT-4
18 H rs
Efficiency of Securities Markets : The Efficient Market Hypothesis (EMH), The Capital Asset Pricing Model (CAPM), The Arbitrage Pricing Theory (APT). *Regulation of Financial Markets* : Securities and Exchange Board of India (SEBI) – Role and Functions. Recent Reforms in the Indian Financial Market.

UNIT5
18Hrs
Foreign Exchange Market : Nature, Organisation and Participants.

- SUGGESTED READINGS**
1. Bhole, L. M. (2002) : Financial Institutions and Markets, Tata McGraw Hill Publishers Company Ltd., New Delhi.
 2. Eatwell, John and Taylor Lance (2003) : International Capital Markets, System in Transition, Oxford University Press, Delhi.
 3. Fabozzi, Frank J. Modigliani Franco (Third Edition) : Capital Markets, Institution and Instruments, Prentice Hall of India Pvt. Ltd., New Delhi.
 4. Khan, M. Y. (2000) : Indian Financial System, Tata McGraw Hill, New Delhi.
 5. Government of India : Economic Survey (Recent Issues).
 6. Reserve Bank of India : Various Reports.

M. A. in ECONOMICS (SECOND SEMESTER)	
COURSE CODE: ECO B03 COURSE TYPE : ECC/CB	
COURSE TITLE: Industrial Economics-2	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: This paper aims at application of economic theories for industrial development. It is necessary for M.A students to know various theories and practices for industrial location and development. Moreover, students interested to start his own industry must know locational factors, regional factors, industrial finance and problems of industrial management. Therefore this paper is very useful as applied knowledge to M.A economics students.	
UNIT-1 18Hrs	Industrial Location:-Factors affecting industrial location, Theories of Industrial location Wober, Sergeant Florence, recent theories of industrial location. Movement of industries in developed and developing countries.
UNIT-2 18Hrs	Indian Industrial Growth:-Classification of Indian Industries, growth of industries and role of industrial policy in India. Role of public and private sectors in growth of industries. Recent trends in industrial growth and role of private sector MNCs role, transfer of technology, Liberalization and Privatization in Indian context.
UNIT-3 18 H rs	Regional Industrial growth in India:-Regional Industrial growth in India. Causes of industrial imbalances, Industrial economic concentration, its remedies, industrial poliferation and environmental preservation, pollution control and government policies.
UNIT-4 18Hrs	Industrial Finance:-Sources of Industrial finance, owned and external and other sources, role, nature volume and types of institutional finance. Different institutions of finance (IDBI, IFCI, SFCS, SIDC etc) Balance Sheet and financial statement, profit and loss account. Assessment of financial soundness.
UNIT-5 18 Hrs	Industries of Surguja with reference to Sugar and Rice.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Ahuliwalia J.J. (1985) Industrial Growth in India, Oxford University Press, New Delhi. 2. Bharthwa R.R. (1985) Industrial Economics, Wilaey Eastern Ltd. New Delhi. 3. Cherunilam F. (1994) Industrial Economics India Perspective (3rd Edition) Himalaya Publishing, Mumbai. 4. Desai B. (1999) Industrial Economics India (3rd Edition) Himalaya Publishing, Mumbai. 5. Devine P.J. and R.M. JOnes (1976) An Introduction to Industrial Economics, George Allen and Unwin Ltd. London. 6. Government of Indian, Economics Survey (Annual) 7. Hay D. and D.J. Morris (1979) Industrial Economics : Theory and Evidence, Oxford University Press, New Delhi. 8. Kuchhal S.C. (1980) Industrial Economics of India (5th edition) Chaitnya Publishing House, Allahabad. 9. Reserve Bank of India, Report on Currency and Finance (Annual) 10. Singh and A.N. Sadhu (1988) Industrial Economics. Himalaya Publishing, Mumbai. 11. K.V. Sivayya, V.B.M. Das Industrial Economics. S. Chand and Company House, Bombay. 12. Naik Jyoti D. 'Udyog Ni Sthal Pasandgi', Vasuki Printing.

M. A. in ECONOMICS (SECOND SEMESTER)	
COURSE CODE:	ECO B04COURSE TYPE : ECC/CB
COURSE TITLE: Economics of Urbanisation	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Urbanization is fast spreading in India. Critical analysis of the economics of cities and urban regions is gaining importance day after day. The post graduate students can pursue a bright career as an urban analyst. The course will cover a wide range of theoretical approaches and policy options such as the existence and growth of cities, land use theories, urban transportation, pollution, poverty, crime, and housing.	
UNIT-1 18Hrs	Market Forces in Development of Cities and Land Use Market Forces in Development of Cities : - why do cities exist? - what determines size? - what causes growth/decline - impact of local government? Land Use :- determinants of land prices - why segregation by income within cities? - from monocentric to disperse cities - reasons for and impact of zonings
UNIT-2 18Hrs	Local Government Expenditures and Taxes Finances for local governance:-trends-policy and problems. Sources of Income and Expenditure for local government. Revenue and Expenditure Efficiency.
UNIT-3 18 H rs	Supply of Urban amenities : Problems and Public Policy - Creation of Urban Amenities and Cost effective deliverance –Issue of cost recovery and quality of services-Indian experience of JnURM. Urban Transportation : - congestion and policy options - deficit of transit authorities - efficiency of bus vs. train system (rail/subway) - light rail systems – parking-JnURM & urban Transportation in India
UNIT-4 18Hrs	Housing and Public Policy - Urban Housing policy for poor – Institutional structure for housing – problems of urban slums - redevelopment of urban slums
UNIT-5 18Hrs	Urbanisation in C.G., till 25 th years and Employment Status
SUGGESTED READINGS	<ol style="list-style-type: none"> Balchin, P., Isaac, D. and Chen, J. (2000), Urban economics – a global perspective. New York: Palgrave. Glaeser, E. and Kohlhase, J. (2003), Cities, regions and the decline of transportation costs. NBER Working Paper No.9886. Cambridge, Mass. Levy, J. (1985), Urban and metropolitan economics. New York: McGraw-Hill. Newman, P. and Kenworthy, J. (1999), Sustainability and cities. Overcoming automobile dependence. Washington D.C.: Island Press O’Sullivan, A. (2008), Urban Economics, 7th ed., New York: McGraw-Hill Storchmann, K. (2001), The impact of fuel taxes on public transport. <i>Transport Policy</i> 8, 19-28. Storchmann, K. (2005), Externalities by automobiles and fare free transit in Germany. A paradigm shift? <i>Journal of Public Transportation</i> 6(4), 89-105.

M.A. Economics
(Second Semester)
Course Code- ECOB05

Computer Application in Economic Analysis- I

- Unit-1** Introduction to Commuter and Peripherals: Basic Components of Computer CPU Input-device, Keyboard, Mouse and Scanner, video display, Printer and Plotters.
(Study Hours- 18)
- Unit -2** Data Storage and retrieval, Hard Disk, Floppy Disk and CD ROM: Types of Computers and their Applications, Computers Networking and Resources Sharing Hardware, Software and Firmware.
(Study Hours- 18)
- Unit -3** Examples and Techniques in Programming Languages Elementary Knowledge Only. Data Processing , Techniques and Algorithms Concepts of Data, Record and File. Types of Data and Data Structure, Data Analysis, File Handling and Operations Like Opening.
(Study Hours- 18)
- Unit -4** Appending and Cascading, Closing and Attribute Control; Data Storage and retrieval; Data Operations Algorithms Like Sorting, Merging, Joining and Bifurcation Database and Operation on Database, DBMS and RDBMS.
(Study Hours- 18)
- Unit -5** Statistical Processing Techniques and Methods Series; Graphs and Object Time and Frequency Series.
(Study Hours- 18)

References:

1. Rajasekaran, S. (1986) Numerical Methods in Science and Engineering, A.H. wheeler, Allahabad.
2. Sanders, D.H. (1988); Computers Today, McGraw hill (3rd Edition), New York.
3. Sinha, P.K. (1992): Computers Fundamentals, BPB Publications, New Delhi.
4. Rajaraman, V. (1996) Fundamentals of Computers, Prentice Hall of India; New Delhi.
5. Lipschultz, M.M. and S. Lipschults (1982): Theory and Problems of Data Processing Schum's Outline Seres, McGraw hill, New York.

- M. A. in ECONOMICS FACULTY OF SOCIAL SCIENCE
- THIRD SEMESTER (ODD SEMESTER)

Eligibility Criteria (Qualifying Exams)	Course Code	Course Type	Course (Paper/Subjects)	Credits	Contact Hours Per Week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
After appearing in the Second semester examination irrespective of any number of back/ arrear papers	ECO 301	CCC	International Economics-1	6	4	3	0	3	0
	ECO 302	CCC	Contemporary Issues in Indian Economy-1	6	4	3	0	3	0
	ECO 303	CCC	Environmental Economics: Theories	6	4	3	0	3	0
	ECO S02	OSC	Intellectual Property, Human Rights & Environment: Basics	6	4	3	00	3	00
	ECO C01	ECC/CB	Tribal Studies	6	4	3	00	3	00
	ECO C02	ECC/CB	Agricultural Economics: Theories						
	ECOC03	ECC/CB	Basic Mathematics for Economists						
	ECOC04	ECC/CB	Economics of Financial Management						
	ECOC05	ECC/CB	Economics of Insurance -II						
	ECOC06	ECC/CB	Economics of Entrepreneurship Development						
				TOTAL= 30					

M. A. in ECONOMICS (THIRD SEMESTER)			
COURSE CODE:	ECO 301	COURSE TYPE :	CCC
COURSE TITLE: International Economics-1			
CREDIT: 06		HOURS: 90	
THEORY: 06		THEORY: 90	
MARKS: 100			
THEORY: 70	CCA : 30		
OBJECTIVE International trade acts as an engine of growth. It is necessary for P.G. students in economics to know International trade theories, practices and policies, It will help them to examine impact of trade policies followed by welfare implications.			
UNIT-1 18 Hrs	Concept of Inter-regional and International Trade; Theory of Comparative Advantage, Hecksher-Ohlin Theory of trade, Factor Endowment and Factor Price, Leontief Paradox. Empirical verification and relevance of theories; International Trade under Imperfect Competition.		
UNIT-2 20Hrs	Terms of Trade and Economic Growth; Secular deterioration of terms of trade hypothesis : a critical review; International trade as an engine of growth; Gains from Trade and LDCs ; Foreign Trade Multiplier: Trade and Labour Skills Theory by Donald Kessing; Research and Development factor and Structure of Commodity Trade (By Gruber, Mehta and Vernon)		
UNIT-3 18Hrs	Measurement of Gains from Trade; Concepts of Terms of trade, their uses and limitation; Factors affecting Terms of Trade. Impact of Tariffs; Political economy of Non-tariff Barriers; Trade and Development; Trade as engine of growth: Two Gap analysis- views of Prebisch, Singer and Myrdal.		
UNIT-4 18Hrs	Meaning and concepts of Balance of Trade and Balance of Payment - Equilibrium and Disequilibria in Balance of Payment -		
UNIT-5 18Hrs	The process of adjustment under systems of Gold Standard - Steps to correct imbalance of payments, traditional and monetary approaches for adjustment in the Balance of Payment- Theory of international reserves- Theory of Foreign Exchange Rate		
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Salvatore D. "Theory and Problems of International Economics", McGraw-Hill, New York, 1983. 2. Soderasten B.O. "International Economics", The Macmillan Press Ltd. London, 1991. 3. Dunn R.M. and J.H. Mutti. "International Economics", Routledge, London, 2000. 4. Joshi Rakesh, "AnterRashtriyaArthashstra" in Gujarati Uni. Rajkot., Gujarat, India, 2004. 5. Ellsworth P.T. & J.C. Leith, "The interanational Economy", Mac-Millan, New York, 1975. 6. Walter I & K Areskoug. "International Economics" Mac-Millan, New York, 1975. 7. Ohlin B. "Inter-regional and International Trade", Harvard Uni. Press, Cambrige, 1933. 8. Pearce I.F. "International Trade", Macmillan, London, 1970. 9. Bhagwati. Jagdish "International Trade : Selected Readings", MIT Press, Cabridge, 1981. 		

**M. A. in ECONOMICS
(THIRD SEMESTER)**

COURSE CODE: ECO 302 **COURSE TYPE :** CCC

COURSE TITLE: Contemporary Issues in Indian Economy-1

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE: The objective of this paper at the post-graduate level would be to sharpen the analytical ability of the student by highlighting, and integrated approach to the functioning aspects of the Indian economy. Keeping in view the scope for alternative approaches, such an analysis is essential because the Indian economy is a unique amalgam of alternative competing and often conflicting theories and a proper understanding of its working is imperative if the student is to comprehend the ramification that underline most of the observed phenomena in the Indian economic set-up. The emphasis of the paper is an overall social, political and economic environment influencing policy decisions. To develop all the themes, the course is divided into specific modules. Paper of planning and development and paper of policies for sectoral development fulfill above objectives

UNIT-1 15Hrs	Economic Development:-Concept and approaches to economic development and its measurements (determinants) – sustainable development. Role of state and market in economic development.
UNIT-2 15Hrs	Other institutions. Indicators of development PGLI, HDI, gender development indices and other indicators.
UNIT-3 20Hrs	Planning in India:-Importance and objectives of planning, planning strategy, its failure and achievements, current five year plan, developing grass-root organization for development. NGOs, Panchayati Raj and pressure groups.
UNIT-4 20Hrs	<i>Resource Base Infrastructure:-Social and Economic infrastructure – education and health, environment, regional imbalance, issues and policies in financing infrastructure development. Growth & infrastructure in India.</i>
UNIT-5 20Hrs	Public Finance:-Fiscal federalism, Role of State and centre its financial relations, Finances of central government, finances of state governments, parallel economy, problems relating to fiscal policy, fiscal sector reforms in India. Neeti Aayog.

1. Ahulwaia, J.J. and I.M.D. Little (Eds.) (1999) India's Economic Reforms and Development (Essays in honor of Manmohan Singh) Oxford University Press, New Delhi.
2. Bardhan R.K. (9th Edition) The Political Economy of Development in India, Oxford University Press, New Delhi.
3. Buwa, R.S. and P.S. Raikhy (Ed.) (1997) Structural Changes in Indian Economy, Guru Nanak Dev University press, Amritsar.
4. Brahamanda P.R. and V.R. Panchmukhi (Ed) (2001) Development experience in the Indian Economy Inter-state Perspectives Bozuwell Delhi.
5. Chakravarty S. (1987) Development Planning. The Indian Experience, Oxford University Press, New Delhi.
6. Datwala M.I. (1996) Dilemmas of Growth. The Indian Experience, Sage Publications. New Delhi.
7. Dutt R. Ed. (2001) Second Generation Economic Reforms in Indian, Deep and Deep.
8. Government of India, Economic survey, (annual) Ministry of Finance, New Delhi.
9. Jain A.K. (1986) Economic planning in India. Ashish Publishing, House, New Delhi.
10. Jalan B. (1992) India's Economy - Problems and Prospects, Viking, New Delhi.
11. Jalan B. (1996) India's Economic Policy - Preparing for Twenty First Century, Visking, New Delhi.
12. Joshi, V. and IMD Little (1999) India, Macro Economic and Political Economy 1964-1991, Oxford University Press, New Delhi.
13. Parikh K.S. (1999) Indian Development Report 1999-2000. Oxford University Press, New Delhi.
14. Reserve Bank of India, Report on Currency and Finance (Annual).
15. RuddarDutt K.P.M. Sundharam, Indian Economy, S. Chand and Company, New Delhi.
16. NaikJyoti D. 'Udyog Ni SthalPasandgi' Vasuki Printing, Rajkot.

**M. A. in ECONOMICS
(THIRD SEMESTER)**

COURSE CODE: ECO 303 **COURSE TYPE :** CCC

COURSE TITLE: Environmental Economics: Theories

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE:

This course is meant to acquaint student with the basic theories of environment economics so that they can develop and use appropriate theoretical frame to analyze and understand important environmental issues.

UNIT-1 20Hrs	Environmental Economics : Meaning, Nature and Scope: Meaning of environment economic; various definitions; relationship between mainstream economics and environment economics: nature of environmental economics: its positive and normative aspects: interdisciplinary nature of environmental economics: relationship of environmental economics with other disciplines.
UNIT-2 15Hrs	Market Failure Decision making: Market efficiency and Parato-optimality; Market failure possibilities with reference to environmental resources; the reasons for market failure:
UNIT-3 15Hrs	externalities and problem of cost-internalization; public goods and common-property type nature of environmental resources. Unclear property right, informational asymmetries and possibilities of missing markets.
UNIT-4 20Hrs	Environment and Development: Relationship between environment and development: Theory of sustainable development and problems of operational sing this theory; indicators and rules of sustainability methods of environmental valuation; integration of national and environmental accounting.
UNIT-5 20Hrs	Optimal Use of Environmental Resources: Application of Capital Theory for the optimal use of environmental resources, theories for the use of non-renewable resource; Theories for the use of renewable resources.

1. Ayres, R.U. and Leslie Ayres, (1998), Accounting of Resources Vol-1, Edward Elgar,
2. Bhattacharya Ravindra, N. (ed.) (2001), Environment economics, Oxfor University Press.
3. Callan, J.S. and Janet M.T. (1996), Environment Economics and Management : Theory, policy and Applications, IRWIN.
4. Field, Barry, C. (1997), Environmental Economics: An Intruduction, McGraw-Hill International Edition.
5. Dasgupta, P., (1982), The Control of Resources, Oxford University Press.
6. Kerr, J.M. and Other (1997), Natural Resource Economics, Oxford and IBM publishing Co. Pvt. Ltd, Delhi.
7. Hanley, N. and Other, (1997), Environment Economics in Theory and Practice, Macmillan.
8. Kulastand, C.D. (1999), Environment Economics, Oxford University Press, New Delhi.
9. Parikh, Jyoti and Kirit Parikh, (1997), Accounting and Vitiation of Environment, John Hopkins University, New York.
10. Pears, D.W. and R. Turnor, (1991), Economics of Natural Resource Use and Environment, John Hopkins University, Baitimore.
11. Shankar, U, (Ed.) (2001), Environment Economics, Oxford University Press, New Delhi.
12. Sengupta, R. (2001), Ecology and Economics: An Approach to Sastainable Development, Oxford University Press.
13. Singh, K. (1994), Managing Common Pool Resources: Principles and Practices, Oxford University Press.

**M. A. in ECONOMICS
(THIRD SEMESTER)**

COURSE CODE: ECOS02

COURSE TYPE : OSC

**COURSE TITLE:INTELLECTUAL PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT:
BASICS**

CREDIT: 06

HOURS : 90

THEORY: 06

THEORY: 90

MARKS : 100

THEORY: 70 CCA : 30

OBJECTIVE:

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data.

UNIT - 1 18 Hrs	<ul style="list-style-type: none"> • Patents :- Introduction & concepts, Historical Overview. • Subject matter of patent. • Kinds of Patents. • Development of Law of Patents through international treaties and conventions including TRIPS Agreement. • Procedure for grant of patents & term of Patent. • Surrender, revocation and restoration of patent. • Rights and obligations of Patentee • Grant of compulsory licenses • Infringement of Patent and legal remedies • Offences and penalties • Discussion on leading cases.
UNIT - 2 18 Hrs	<ul style="list-style-type: none"> • Meaning of Copyright, Historical Evolution, • Subject matter of copyright. • Literary works • Dramatic Works & Musical Works • Computer Programme • Cinematographic films • Registration of Copyrights • Term of Copyright and Ownership of Copyrights • Neighboring Rights • Rights of Performers & Broadcasters • Assignment of Copyright. • Author's Special Rights (Moral Rights) • Infringement of Copyrights and defenses • Remedies against infringement (Jurisdiction of Courts and penalties) • International Conventions including TRIPS Agreement WIPO, UCC, Paris Union, Berne Convention, UNESCO. • Discussion on leading cases.
UNIT - 3 18 H rs	<ul style="list-style-type: none"> • Rights: Meaning • Human Rights- Meaning & Essentials • Human Rights Kinds • Rights related to Life, Liberty, Equals & Disable

UNIT - 4 18 Hrs	<ul style="list-style-type: none"> • National Human Rights Commission • State Human Rights Commission • High Court • Regional Court • Procedure & Functions of High & Regional Court.
UNIT - 5 18 Hrs	<ul style="list-style-type: none"> • Right to Environment as Human Right • International Humanitarian Law and Environment • Environment and Conflict Management • Nature and Origin of International Environmental Organisations (IEOs) • Introduction to Sustainable Development and Environment • Sustainable Development and Environmental Governance
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. G.B.Reddy, <i>Intellectual Property Rights and Law</i>, Gogia Law Agency, Hyderabad. 2. S.R.Myneni, <i>Intellectual Property Law</i>, Eastern Law House, Calcutta 3. P Narayanan <i>Intellectual Property Rights and Law (1999)</i>, Eastern Law House, Calcutta, India 4. Vikas Vashistha, <i>Law and Practice of Intellectual Property</i>, (1999) Bharat Law House, New Delhi. 5. Comish W.R <i>Intellectual Property</i>, 3rd ed, (1996), Sweet and Maxwell 6. P.S. Sangal and Kishor Singh, <i>Indian Patent System and Paris Convention</i>, 7. Comish W.R <i>Intellectual Property, Patents, Copyrights and Allied Rights</i>, (2005) 8. Bibeck Debroy, <i>Intellectual Property Rights</i>, (1998), Rajiv Gandhi Foundation.

M. A. in ECONOMICS (THIRD SEMESTER)	
COURSE CODE: ECOC01	COURSE TYPE : ECC/CB
COURSE TITLE:TRIBAL STUDIES	
CREDIT: 06	HOURS : 90
THEORY: 06	THEORY: 90
MARKS : 100	
THEORY: 70	CCA : 30
OBJECTIVE:	
<ul style="list-style-type: none"> - Understands the concept and place of research in concerned subject - Gets acquainted with various resources for research - Becomes familiar with various tools of research - Gets conversant with sampling techniques, methods of research and techniques of analysis of data - Achieves skills in various research writings - Gets acquainted with computer Fundamentals and Office Software Package . 	
UNIT - 1 12 Hrs	Tribal Studies :Meaning, Nature, Scope, Need & importance of tribalstudies. Meaning, Definition & characteristics of Tribe, Caste & Race.
UNIT - 2 24 Hrs	Scheduled Tribe in India :Population Composition of tribal, classification of Indian Tribe – Racial, Lingual, Geographical, Cultural. Some Major Tribes in India : Santhal, Khasi, Munda, Bhils. Some Major Tribes in Central India : Gond, Baiga, Bhabha, Korkus.
UNIT - 3 10 H rs	Illiteracy :Poverty, Indebness, Unemployment, migration & ExploitationEnvironmental & Degradation. Problem of Health and sanitation : Prostitution, Culture Decay due to assimilation. Replacement & Rehabilitation of Tribal population.
UNIT - 4 24 Hrs	Welfare-Concept, Characteristics: Tribal Welfare in post independenceperiod. Constitutional provision & safe guard after independence, Legislation & Reservation Policy.
UNIT - 5 20 Hrs	Tribal Development Programs for Scheduled Tribes : Medical, Education, Economy, Employment & Agriculture Evaluation of Programs Tribal Welfare & Advisory Agencies in India : Role of NGO's in tribal development, Role of Christian missionaries in tribal welfare & development. Tribal Welfare Administration.

**SUGGESTED
READINGS**

1. *Tribal Development In India (Orissa)* by Dr. Taradutt
2. *Books on Tribal studies* by PK Bhowmik
3. *Books on 'Tribal Studies'* by W.G. Archer

M. A. in ECONOMICS (THIRD SEMESTER)	
COURSE CODE: ECOC02 COURSE TYPE : ECC/CB	
COURSE TITLE: Agricultural Economics: Theories	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE The Objective of the course is to familiarize student with policy issue that are relevant to Indian Agricultural Economics sand enable them to analyze the issues. Using basic micro economic concepts.	
UNIT-1 20Hrs	Agricultural and Economics Development : Nature and scope of agricultural and rural economics - Traditional agriculture and its modernization - Role of agriculture in economic development - Interdependence between agricultural and Industry - Role of agricultural in Economic development.
UNIT-2 20Hrs	Land Use policy and Social Infrastructure: : Land Use Policy - Land distribution - Problems of small and marginal farmers, Rural Social infrastructure - Land, water, energy, education and health.
UNIT-3 20 H rs	Agricultural Production and Productivity: Concept of Production function - Law diminishing return and its importance in decision making - cobwen theorem - Prices and output relationship - Long term trends in production and productivity - Causes of low productivity.
UNIT-4 20Hrs	Agricultural Growth in India: Agricultural policy in India - New strategy of Agricultural Development - Green revolution - Application of new technologies - Hyv Chemical fertilizes, irritation PPM and far mechanization - Labour absorption - Sustainable agriculture and future challenges.
UNIT-5 10 Hrs	Agricultural Growth in C.G.- Rice, wheat and other vegetables
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Dantwala M.L. et al. (1991) Indian Agricultural Development since independence, Oxford & IBM, New Delhi. 2. Gulati A. & T. Kelly (1999) Trade liberalization and Indian Agriculture, Oxford, University Press New Delhi. 3. Joshi P.C. (1975) Land Reforms in India, Treads & Prospects, Allied Publishers, NewDelhi. 4. Kahlo A.S. and Tyagi D.S. (1983), Agriculture Price Policy in India, Allied publishers, NewDelhi. 5. Rao C.H. Hanymantha (1975), Agricultural growth, Rural Poverty and Environment Degradation in India, Oxford University Press, New Delhi. 6. Reserve Bank of India, Report on Currency and Finance (Annual), Mumbai. 7. Rudra A. (1982), Indian agricultural economics, Mythas and Reality, Allied PublishersNew Delhi. 8. Saini, G.R. (1979), Farm, Size, Resource Use Efficiency and Income distribution, Allied Publishers, New Delhi.

M. A. in ECONOMICS (THIRD SEMESTER)	
COURSE CODE: ECO C03 COURSE TYPE : ECC/CB	
COURSE TITLE: Basic Mathematics for Economists	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Mathematics has found its applications in economics in the form of model building for planning and development. Mathematical transformation of the economic theory provides precision to the logic and understanding of economics. This paper intends to train and equip student with the basic understanding of Mathematics, which they may use in advance courses of this subject	
UNIT-1 20Hrs	Basics of Mathematics-I: Variables, Types of variables, Relations, Cartesian Product, Function, Inverse Function, power function, exponential function, logarithm function, linear function; Number system, Theory of set.
UNIT-2 20Hrs	Basics of Mathematics-II: Concepts of Limit, Continuity and differentiation of a function; Rules of differentiation of function; Concept of Integration, Economic application of Differential and Integral calculus-Consumer's Surplus, Elasticity of Demand and Marginal Revenue.
UNIT-3 10 H rs	Determinants and Matrix Algebra: Various properties of determinants, Cramer's Rule; Types of matrices and their properties, Addition, Subtraction, Multiplication and Inversion of Matrices.
UNIT-4 20 H rs	Applications of Matrix Inversion in Economics-Leontief Input Output Model.
UNIT-5 20 Hrs	Economic Models: Construction of a Mathematical Model for Economic Applications, Endogenous and Exogenous Variables, Parameters, Constants; Structural and Reduced forms of Equations; Single Market Model, Multiple Market model, National income model.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Blitzer Charles R, 1975, Economy-Wide models, Oxford Uni. Press, NY 2. Chiang A. C. 1990, Fundamental Methods of Mathematical Economics, McGraw Hill, Delhi 3. Deshpande V D , A R Chanderkar and M. L. Vaidya, A New Course in College Algebra, S.Chand and Co. Delhi 4. Kulkarni T G and M K Kelkar,1975, College Algebra, S Chand and Co, Delhi 5. Madnani G M K. 2003, Mathematical Economics, oxford and IBH, Delhi

M. A. in ECONOMICS (THIRD SEMESTER)	
COURSE CODE:	ECOC04COURSE TYPE : ECC/CB
COURSE TITLE: Economics of Financial Management	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Finance is heart of all commercial activity. Mangers of enterprises today have to deal with financial aspects of commerce. So those who intent to apply knowledge of theory of finance need to get aquatinted with applied aspect of theory. This course aims to fulfill this aspect. This course is Inter /Multi disciplinary in nature as this could taken as an applied course by any post graduate student.	
UNIT-1 20Hrs	Nature and Scope of Management of Financial Economics; Goals of Finance; Economics of capital Budgeting- Investment Criteria, Estimation of project Cash Flows, Risk Analysis I Capital Budgeting, Computation of Cost of Capital, Capital Budgeting Under Constraints.
UNIT-2 15Hrs	Economics of Capital Structure and Firm Value- Net Income Approach, Net Operating Income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Ratio Analysis, Cash Flow Analysis
UNIT-3 15 H rs	Economics of Dividends-Walter Model, Gordon Model, Modigliani and Miller Model; Key Dimensions of Dividend Policy; Economics of Working Capital-Estimation of Working Capital, Financing of Working Capital.
UNIT-4 20Hrs	Economics of Cash- Cash Budgeting and its Simulation, Optimal Cash balance, Baumol Model, Miller and Orr Model; Economics of Receivables; Discriminate Analysis and Customer Classification; Economics of Inventory – EOQ Mode, Pricing of Raw materials, Monitoring and Control of Inventories.
UNIT-5 20Hrs	Cost-Volume-Profit Analysis; Operating and Financial Leverage; Theories of Corporate Valuation – Adjusted Book Value Theory, Direct Comparison Theory, Discounted cash flow Theory; Value Creation Approaches – Marakon Approach, Alcar Approach. McKinsey Approach, Economic value Added (EVA) Approach; Economics of Mergers and Acquisitions.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. A. Ch. Shapiro, "Modern Corporate Finance". Macmillan Publishing Co., New York, 1991. 2. Brealey, Myers and Allen, "Principles of Corporate Finace", McGraw Hill, Inc., New York, 8th Edition. 3. 4. D.R. Mehta, "Working Capital Management", Prentice Hall Inc., Englewood Cliffs, N.J., 1974 4. DerylNortcott, "Capital Investment Decision-Making", Thomson Learning, 1992, ISBN10:1861524587 5. E.I. Altman and M.G. Subrahmanyam (ed.), "Recent advanced in corporate Finance", Rihard D. Irwin, Inc., Homewood, Ill., 1985 6. F.J.Weston, "The Scope and Methodology of Finance" Prentice Hall, Englewood Cliffs, N.J. 1966 7. G. Donaldson, "Corporate Debt Capacity", Division of Research, Graduate school of 6. Business administration, Harvard University Press, Boston, 1961

M.A. Economics
Third Semester
Economics of Insurance- II
Course Code- ECOC05

- Unit-1** Definition of General Insurance; Types of General Insurance; Importance of General Insurance; Importance of General Insurance in a Country's Economic Development; Concept of Short-Term Risk;
(Study Hours 18)
- Unit -2** Fundamentals of the Following Concepts- Common Law, Equity, Proposal/Accidence, Indemnity, Insurable interest, Contribution Subrogation, Representation; Utmost Good Faith, Material Fact, Physical Hazard, Moral Hazard; Policy Endorsements Conditions/Warranties; Selection of Risks; Inspection of Risks; Rating and Calculation of Premiums; Tariffs and Non-tariffs; Marketing of General Insurance; Technology Development and General Insurance.
(Study Hours 18)
- Unit -3** Regulation of Insurance; Purpose of Government Intervention in Markets; Theories of Regulation; Insurance Regulation in India; Insurance Regulation and Development Authority (IRDA).
(Study Hours 18)
- Unit -4** Wealth Accumulation Planning; Life Cycle Planning; Planning for Accumulation, Objectives; Purchase of Insurance and Accumulation Planning; Investment- Tax –Advantaged;
(Study Hours 18)
- Unit -5** Essentials of Individual Retirement Planning; Analysis of Retirement; Income Needs; Retirement Planning Strategies; Investing for Retirement, Pension Plans; Basic Principals of Pension Plans; Pension Plans in India; Estate Planning; Process of Estate Planning; Estate Planning Tools; Life Insurance for estate Liquidity.
(Study Hours 18)

References:

1. Bailey, R.(Ed.): Underwriting in Life and Insurance.
2. Benjamin, B.: General Insurance.
3. Bhole, L.M.: The Indian Financial System.
4. Bickelhaupt, D.L.: General Insurance.
5. Black, K. Jr. and H.D. Skipper Jr.: Life and Health Insurance.
6. Dionne, G. and S.E. Harrington (Eds.): Foundations of Insurance Economics.
7. Elloit, M.W., Webb, B.J., Anderson, H.N. and Kensicki, P.R.: Principles of reinsurance.
8. Finsinger, J.M.V. Pauly (Eds.): The Economics of Insurance Regulation: A Cross National Study.
9. Graves, E.E. and L. Hayes (Eds.): McGill's Life Insurance.
10. Head, G.L. and S. Horn II: Essentials of Risk Management.
11. Insurance Regulation and Development Authority: IRDA Regulation.
12. Peltzman, S.: Towards a More General Theory of Regulations.
13. Skipper, Jr., H.D. (Ed.): International Risk and Insurance: An Environmental Managerial Approach.
14. Tacchino, K.B. and D.A. Little: Planning for Retirement Needs.

M.A. ECONOMICS

THIRD SEMESTER

ELECTIVE PAPER

ECONOMICS OF ENTREPRENEURSHIP DEVELOPMENT

COURSE CODE- ECOC06

COURSE Type- ECC/CB

Aim-

01. To convert the Jobseekers into job providers and transform them as active contributors to national economy.
02. To highlight leadership qualities.
03. To create entrepreneurship culture.

Scheme of Marks- theory- 70 Marks

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01. Short Answer Type Question- Three questions carrying five marks each are to be asked and two questions are to be attempted (Word Limit-100)
 02. Middle Answer Type Question- Three questions carrying nine marks each are to be asked and two questions are to be attempted (Words limit -250)
 03. Long Answer Type Question- five questions carrying fourteen marks each are to be asked and three questions are to be attempted (Word Limit- 700)

Unit-I Entrepreneurship Concept And Significance-

Entrepreneurship: Definition, Concept of entrepreneurship development, self Employment, entrepreneurial culture, values, attitude and motivation, Characteristics of successful entrepreneur. Overview of entrepreneur opportunities in contemporary environment.

(Study Hours 18)

Unit –II Entrepreneurship Support Institutions And Environment-

Institution and schemes of Government of India, Financing-Long, medium and short Term loan, Financial institutions- NABARD, SIDBI, Nationalised banks etc., DIC-Role Schemes and programmes, documentation of loan application, sanction, acceptance, Release of loan.

(Study Hours 18)

Unit -III Business Opportunities and Business Planning-

Market survey and assessment- Demand, Supply and Nature of competition, cost and price of products, selection of enterprise, identify problem and opportunities, The Project Report.

(Study Hours 18)

Unit -IV General Management and Finance-

The fourth stage growth model- Planning, Organizing, executing, controlling resources Both human and material, asset management, business communication, Advertisement, public relation, Finance-Meaning, needs of Financial Planning, importance of budgets.

(Study Hours 18)

Unit -V Market Management-

Meaning and Concept of marketing, objectives of marketing management, Marketing Plan- Four Ps- Product, Pricing, Promotion and Place (Distribution) elements, Marketing for Total Gain (MTG)- Cs-cooperation, competency, capacity, Ts-Talent, Timing and Teamwork, Market Research-importance, process, primary and secondary data- assessment. Product Planning and development, advertising, Sales and distribution management.

(Study Hours 18)

Practical- 30 Marks

01. Project Report- 20 Marks

Preparation of a Project Report for an enterprise involving products/services.

02. Viva-Voce- 10 Marks

The students could also to be required to appear for a viva-voce on the basis of their projects.

Suggested References-

01. Entrepreneur Development, SS Khanna, S Chand & Company Ltd, Ram Nagar, New Delhi
02. Entrepreneur and Entrepreneurship Development and Planning in India, D.N. Mishra, Chugh Publication, Allahabad.
03. Science Tec. Entrepreneur (A Bi Monthly Publication) Centre for Entrepreneurship Development M.P. (CEDMAP), 60 jail road Jhangerbad, Bhopal- 462008
04. Building A Chain of Customers, Richard J Schonberger, The Free Press, New York
05. Entrepreneurship, Holt, Prentice Hall, New Delhi
06. Management of small scale Industry, Vasant Desai, Himalayan Publishing House, Bombay

- M. A. in ECONOMICS
- FOURTH SEMESTER (EVEN SEMESTER)

FACULTY OF SOCIAL SCIENCE

Eligibility Criteria (Qualifying Exams)	Course Code	Course Type	Course (Paper/Subjects)	Credits	Contact Hours Per Week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
After appearing in the Third semester examination irrespective of any number of back/ arrear papers	ECO 401	CCC	International Economics-2	6	4	3	0	3	0
	ECO 402	CCC	Contemporary Issues in Indian Economy-2	6	4	3	0	3	0
	ECO 403	CCC	Environmental Economics: Issues and Policies	6	4	3	0	3	0
	ECO 421	SSC/PRJ	DISSERTATION	6	00	00	9	0	4
	ECO D01	ECC/CB	Basic Statistics for Economists	6	4	3	00	3	00
	ECO D02	ECC/CB	Agricultural Economics: Issues and Policies						
	ECO D03	ECC/CB	Economics of Regionalism						
	ECO D04	ECC/CB	Economics of Transportation						
	ECO D05	ECC/CB	Computer Application in Economic Analysis-II						
					TOTAL= 30				

M. A. in ECONOMICS (FOURTH SEMESTER)	
COURSE CODE:	ECO 401 COURSE TYPE : CCC
COURSE TITLE: International Economics-2	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: It is necessary to for P.G. student in economics international trade finance and trade finance and trade managing institutions in era of globalization of national economics. Economic health of a nation is known by positive balance of payment situation of a nation.	
UNIT-1 18 Hrs	Trade policy (Past and Recent) and reforms in India's Trade Policy; Problems relating Foreign Trade in India; International Capital Flows in India-FDI, FII etc; Changes in the Volume, Direction and Composition of India's Foreign Trade & their implication; Export promotion, Free Trade Vs. Protection and their advantages and disadvantages.
UNIT-2 18 Hrs	Theories of Regionalism at Global level; Regional blocs – Multilateralism and world trading system-International trade under conditions of imperfect competition in goods market-Theory of Optimum currency area and its impact in the developed and developing countries
UNIT-3 18 Hrs	Function of GATT and WTO - IMF - WORLD BANK - Asian Development Bank - Their achievement and failures. W.T.O. and its impact on the different sectors of the Indian Economy
UNIT-4 18 Hrs	The rise and fall of Bretton-Wood; emerging International Monetary System recent reforms therein. Globalisation and Developments in Exchange Markets, Euro-Currency Markets and International Bond markets- International Debt crisis- Exchange Trading, Arbitrage and Market Hedging.
UNIT-5 18 Hrs	MNC's in C.G. with special reference to coal.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Stern R.M. "The Balance of Payment : Theory and Economic Policy", Aldine, Chicago, 1973. 2.Thriwal A.P. "Trade, The Balance of Payments and Exchange Rate policy in Developing Countries" University of Kent, Catebury, UK, 2004. 3.Datt Rudar and K.P.M. Sundharam "Indian Economy" Saurashtra Univerysity, Rajkot,2004. 4.Sighn Manmohan "India's Export Trends" Claredon Press London. 5.Joshi Rakesh : Antar Rashtriya Arthashstra", Saurashtra Uni. Rajkot, 2004 6.Cherunilam F. "International Economics", Tata McGraw Hill Publishing Co., New Delhi. 7.Frenkel J. and H. Johnson "The Monetary Approach to the Balance of Payments", Allen & Unwin, London, 1975. 8.Greenway D. "International trade policy", Macmillan Pubishers Ltd. London, 1983. 9.Prebisch R. "Towards a New Trade Policy For Development", United Nations, New York,1964.

**M. A. in ECONOMICS
(FOURTH SEMESTER)**

COURSE CODE: ECO 402 **COURSE TYPE :** CCC

COURSE TITLE: Contemporary Issues in Indian Economy-2

CREDIT: 06 **HOURS:** 90

THEORY: 06 **THEORY:** 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE: The objective of this paper at the post-graduate level would be to sharpen the analytical of the student and functioning of Indian economy with various policies with alternative approaches for further growth. This means that P.G. Students need to be well aware about different policies utilized during planning period in India

UNIT-1 20 Hrs
The Agricultural Sector: Institutional structure - land reforms in India, technological change in agriculture - pricing of agriculture inputs and output term of trade between agriculture and industry, Agricultural Finance Policy, Agricultural Marketing and Warehousing, Issues in food securities - Policies for sustainable agricultural.

UNIT-2 20 Hrs
The Industrial Sector: Industrial policy, public sector enterprises and their performance, problems of sick units, in India, Privatization and disinvestments debate, growth and pattern of industrialization, small scale sector, productivity in industrial sector, Exit policy - issues in labour market reforms Approaches for employment generation.

UNIT-3 20 Hrs
External Sector: Structure and direction of foreign trade, Balance of payments, Issues in export-import policy and FEMA, Exchange rate policy, foreign capital and MNCs in India, The progress of trade reforms in India, Rationale of Internal and External reforms, Globalisation of Indian economy, W.T.O. and its impact on the different sectors in the economy.

UNIT-4 15 Hrs
Money Banking and Price: Analysis of Price behaviour in India. Financial sector reforms Interest rate policy, Review of monetary policy of RBI, Money and Capital Markets, working of SEBI in India.

UNIT-5 15 Hrs
Small Industry Related with Iron Industry in C.G.

SUGGESTED READINGS

- Ahliwalia, J.J. and I.M.D. Little (Eds.) (1999) India's Economic Reforms and Development (Essays in honour of Manmohan Singh) Oxford University Press, New Delhi.
- Bardhan R.K. (9th Edition) The Political Economy of Development in India, Oxford University Press, New Delhi.
- Buwa, R.S. and R.S. (Ed) (1997) Structural Changes in Indian Economy, Guru Nanak Dev. University press, Amritsar.
- Brahamanda P.R. and V.R. Panchmikki (Ed.) (2001) Development experience in the Indian Economy Inter-state Perspective Bozuwell Delhi.
- Chakravarty, S. (1987) Development Planning. The Indian Experience, Oxford University Press, New Delhi.
- Datwala M.L. (1996) Dilemmas of Growth the Indian Experience, Sage Publications, New Delhi.
- Datt R. Ed. (2001) Second Generation Economic Reforms in India, Deep and Deep.
- Government of India, Economic Survey, (Annual) Ministry of Finance, New Delhi
- Jain A.K. (1986) Economic planning in India; Ashish Publishing House, New Delhi.
- Naik , Jyoti D. 'Udyog Ni Sthal Pasandgi' Vasuki Priting, Rajkot.

**M. A. in ECONOMICS
(FOURTH SEMESTER)**

COURSE CODE: ECO 403 **COURSE TYPE :** CCC

COURSE TITLE: Environmental Economics: Issues and Policies

CREDIT: 06 **HOURS:** 90

THEORY: 06 **THEORY:** 90

MARKS: 100

THEORY: 70 **CCA : 30**

OBJECTIVE: The main objective of this course is to appraise and sensitive student about major environment issues of India and develop skill to analyze them with the help of appropriate theoretical frames.

UNIT-1 20 Hrs
Environment Issues of Primary Sector: Changing land-use and cropping pattern and environmental issues; the problem of grazing-land, pasture and live stock. management; The problem of conservation of forests and bio-diversity; supply and quality of ground-water and its management; the conservation and management of marine fish.

UNIT-2 20 Hrs
Industrial Development and Environmental Issues: Change in growth and structure of industries in India; growth of pollutant industries, problem of air and water pollution, management of solid and liquid wasters.

UNIT-3 20 Hrs
International Environment Issues: The problem of trans boundary pollution : global warming and acid rain: globalization, international trade and environmental issues.

UNIT-4 15 Hrs
Environmental Policy in India: Growth of environmental policy in India; Important environmental laws, international environment agreements and India's approach: mechanism of implementation of environment laws in India.

UNIT-5 15 Hrs
Swachh Bharat Abhiyan in Sarguja and Environment policy of C.G.

SUGGESTED READINGS

1. Baumal, W.J. and Oates, 1998, The Theory of Environmental Policy, Cambridge University Press, Cambridge.
2. Chari, S.N. and Vyasalu, Vinod. 2000. Environment mamngement : An Indian Perspective, McMillan India Ltd.
3. Chhatrapati Singh, 1986, Common Property and Common Poverty, India's Forest, Forest Dwellers and the Law, Oxford University Press.
4. Dasgupta, P. and Maller Karl, 1997, The Environment Emerging Developing Issues, Vol.- I and Vol--II, Clareden Press, Oxford.
5. Gadgil, M. and Guha, R., 1993, The Fissured Land : An Ecological History of India, Oxford University Press.
6. Katar Singh, 1994, Managing Common Pool Resources, Principles and Case Studies, Oxford University Press.
7. Murthy, M.N. James, A.J. and Smita Misra, 1999, Economics of water pollution, Oxford University Press.
8. Lead India, 2002, Rio, Johniburg and Beyond : India's Progress in Sustainable Development, Orient Longman, New Delhi.
9. Ramprasad Sengupta, 2001, Ecology and Economics, Oxford University Press.
10. Syam Diwam and Arman, R., 2001, Environmental Law and Policy in India, Oxford University Press.

M. A. in ECONOMICS (FOURTH SEMESTER)	
COURSE CODE:	ECO D01 COURSE TYPE : ECC/CB
COURSE TITLE: Basic Statistics for Economists	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Statistics has found its application in economic forecasting. This paper intends to prepare students with basic understanding of statistical concepts, which may be useful later on for choosing Econometrics.	
UNIT-1 20 Hrs	Basics of Statistics-I: Applications of Statistics in economics; Population and Sample; Frequency distributions-Discrete and Continuous; Different types of Charts and Graphs; Measures of Central Tendency: Mean, Median, Mode and Weighted Average
UNIT-2 20 Hrs	Basics of Statistics-II : Significance of measures of dispersion; Various measures of Dispersion: Range, Mean Deviation, Quartile Deviation, Standard Deviation, Coefficient of Variation, Skewness and Kurtosis.
UNIT-3 20 H rs	Multivariate Analysis: Simple Correlation analysis; Its application in Economic study,; Regression Analysis, Relationship between Correlation and Regression Analyses, Use of Regression Analysis in Economic Research
UNIT-4 20 Hrs	Theory of Probability: Elementary Probability Theory; Random Variable, Events, Probability Distribution functions; - discrete and continuous; Various Laws of Probability; Conditional Probability; Binomial and Normal Distributions
UNIT-5 10 Hrs	Planning and Control : Definition of planning ,types , structure , Control definitions and its role in MIS. A study of Computerization in different functional areas of a typical manufacturing/business organization i.e Marketing, production, material, financial, personal.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Das M N, 1996, Statistical methods and Concepts, New Age International, Delhi 2. Gupta S P, 2000, Statistical Methods, S. Chand and Co. , Delhi 3. Kaliranjan K P , 1995, Applied Econometrics, Oxford & IBH, Delhi 4. Mehta B C and A C Mehta, Fundamentals of Econometrics, Himalaya Publishing House,Bombay 5. Simpson G and Fritz Kafka, 1980, Basic Statistics, Delhi 6. Srivastav U K et al 1995, Quantitative Techniques for Managerial Decisions, New Age International, Delhi

M. A. in ECONOMICS (FOURTH SEMESTER)		
COURSE CODE:	ECO D02	COURSE TYPE : ECC/CB
COURSE TITLE: Agricultural Economics: Issues and Policies		
CREDIT: 06	HOURS: 90	
THEORY: 06	THEORY: 90	
MARKS: 100		
THEORY: 70	CCA : 30	
OBJECTIVE: The objective of this course is to provide a detailed treatment of issues in agricultural economics to those who intend to specialize in agricultural economics. The course of the paper help to familiarize student with policy issues relevant to Indian agriculture and enable student to analyze issue problems and policies of the important sector of Indian economy.		
UNIT-1 20 Hrs	Rural Economics Activities and Labour Market: Rural Industrialization scope and of agro-industries, economic condition of agricultural laborers –national Rural Employment Guarantee program, main characteristics, implementation mechanism, evaluation, lessons.- Rural and Agricultural programs and its evaluation in Gujarat, economic development and Social welfare oriented programs in Gujarat and its evaluation	
UNIT-2 15 Hrs	Co-operation and Rural Finance: Integrated rural credit scheme - Role of Co-operative sector in rural finance - Commercial banks - RRBS - NABARD and Rural finance - New challenges in rural finance.	
UNIT-3 20Hrs	Agricultural Marketing and Prices: Agricultural Marketing - Defects in agricultural Marketing - Corrective measures - Regulated and Co-operative marketing - Agricultural Price Policy - Objective - Instrument Evaluation - Food security - Agricultural prices and Public distribution scheme (PDS) Terms of trade between agricultural and non-agricultural sector.	
UNIT-4 20 Hrs	Agricultural and External Sector: Foreign trade in agricultural commodities - Globalization WTO and Indian agriculture - Peasant farming system in developing countries farming system in developed countries - World Food Assistance.	
UNIT-5 15 Hrs	Rural and Agricultural Programmes of C.G. Rural Development.	
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Bhaduri A. (1984) The Economic Structure of Backward Agriculture, Macmillan, Delhi. 2. Blgrami S.A.R. (1996) Agricultural Economics, Himalaya Publishing House, Delhi. 3. S.Dautwala M.L. et al (1991) Indian Agricultural Development since independence. Oxford & IBM, New Delhi. 4. Govt. of India Economic Survey (Annual), New Delhi. 5. Govt. of India, 1976, Report of the National Commission on Agriculture, New Delhi. 6. Gulati A. & T. Kelly (1999) Trade liberalization and Indian Agriculture, New Delhi. 7. Joshi P.C. (1975) Land Reforms in India, Trends & Prospects, Allied Publishers, New Delhi. 8. Kahlo A.S. and Tyagi, D.S. (1983), Agricultural Price policy in India, Allied Publishers, New Delhi. 9. Rao C.H., Hanymantha (1975), Agricultural growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi. 10. Reserve Bank of India, Report on Currency and Finance, (Annual), Mumbai. 11. Rudra A. (1982), Indian agricultural Economics, Myths and Reality, Allied Publishers, New Delhi. 	

**M. A. in ECONOMICS
(FOURTH SEMESTER)**

COURSE CODE: ECO D03 **COURSE TYPE :** ECC/CB

COURSE TITLE: Economics of Regionalism

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 70 **CCA :** 30

OBJECTIVE: Post 1990s have witnessed a new global trend in international trade and relations. This order is to stay in coming years. Post Graduate students ought to get themselves familiarize with this new economic order and its implications. Besides, others who are practitioners of trade and commerce may benefit from this course.

UNIT-1
18 Hrs
Rationale behind Regionalism: Motivation; Multinational Trade Liberalization and RIAs; Regional V/S Global Liberalization; RIAs and Domestic Policy Integration; Impact of RIA Creation; Choice of partners and their impact on Small Economies.

UNIT-2
18 Hrs
Economics of Custom Unions (Viner), Economics of Scale and Custom Union. Unilateral tariff reduction & Custom Union; The GATT's Article XXIV, Preferential Trading Areas and Multilaterarism.

UNIT-3
18 H rs
Building Blocs of Broader Regional Cooperation; ASEAN's Role in Asian Economic Integration; ; India and the Asian Economic Integration; The European Case; Systemic Sources of variation in Regional Institutionalization in Europ;

UNIT-4
18 Hrs
WTO and RTAs; Rules on Regional Trade Agreements; The EU, ASEAN, MURCUR, NAFTA, SAARC; Asian Economics Community; RTAs and Multilateral Trading System (MTS).

UNIT-5
18 Hrs
Theories of New Regionalism; New Regionalism: Revisited; World Order Approach; Regionalism and World Order: The Changing Global Setting. New Regionalism and Economics Development.

1. Murray C. Kemp & Henry Y. Wan Jr. (1976) An Elementary Proposition Encouraging the Formation of Customs Unions, *Journal of International Economics*, 6 Feb. 95-7.
2. Paul Wonnacott and Ronald Wonnacott (1981) "Is Unilateral Tariff Reduction Preferable to a Customs Union? The Curious Case of the Missing Foreign Tariffs' *American Economic Review* 71(4) Sep. 704-14
3. Richard H. Snape (1993) "History and Economics of GATT Article XXIV in My Anderson and Richard Blackhurst (Eds) *Regional Integration and Global Trading System*, New York: Harvester Wheatsheaf, 273-91.
4. J. Bhagwati & A. Panagariya (1998) "Preferential Trading Areas and Multilateralism: Strangers, Friends and Foes? In *Regionalism in Trade Policy: Essays on Preferential Trading*, Singapore, River Edge, NJ & London.
5. Arvind Panagariya (2000) "Preferential Trade Liberalisation: The Traditional Theory and New Developments" *Journal Economic Literature*, XXXVIII 2 June, 287-331.
6. Martin Richardson (1993) "Endogenous Protection and Trade Diversion" *Journal of International Economics*, 34 (3-4) May 309-24.
7. Richard E. Baldwin (1995) "A Domino Theory of Regionalism" in Richard Baldwin, Perth Haaparanta and Jarkko Kiander (eds), *Expanding Membership of the European Union*, Cambridge: Cambridge University Press 25-48.
8. Arvind Panagariya and Ronald Fivilday (1996) "A Political Economy Analysis of Free Trade Areas and Customs Unions" in Robert C Feensba, Gene M. Grossman and Douglas A. Irwin (eds) *The Political Economy of Trade Policy: Papers in Honor of Jagdish Bhagwati*. Cambridge, MA:MIT Press (265-87)
9. Kyle Bawell and Robert W. Staiger (1997) "Multilateral Tariff Cooperation During the Formation of Customs Unions" *Journal of International Economics*, 42,91-123.
10. Philip I. Ledy (1997) "A Political Economics Analysis of Free Trade Agreements" *American Economic Review* 87 (4) Sept. 506-19.
11. Pravin Krishna (1996) "Regionalism and Multilateralism " A Political Economy Approach" *Quarterly Journal of Economics* XIII (I) Feb, 227-51.
12. Wilfred J. Ethier (1958) "Regionalism in a Multilateral World" *Journal of Political Economy* 106 (6) Dec. 1214-45. "The Political Economy of Regionalism", by Edward D Mansfield, Helen V Milner; Columbia University Press, 1997. "Open Regionalism", Working Paper 97-3 by C Fred Bergsten, Peterson Institute, Washington D.C. USA.
13. "Regionalism or Multilateralism" of Giorgia Albertin: IMF Working Paper, 1 March 2008.
14. "Theories of New Regionalism" A Palgrave Macmillan Publication, Nov 2003 Edited by Fredrick Soderbaurne and Timothy M. Shaw.
15. "The Economics of International Integration", by Peter Robson, Published by • Regional Trade Agreement Section, WTO, Geneva, SWISS.
16. WTO Multilateralising Regionalism; Challenges for the Global Trading System, Feb. 2009.
17. WTO Discussion Paper No. 12, the Changing Landscape of Regional Trade Agreement, 2006.
18. Jacob Viner (1950) "The Economics of Customs Unions" in the Custom Union Issue Chapter 4, NY: Carnegie Endowment for International Peace, 41-81.
19. W.M. Corden (1972) "Economies of Scale and Customs Union Theory" *Journal of Political Economy*, 80, January/February/November/December 465-75.

M. A. in ECONOMICS (FOURTH SEMESTER)	
COURSE CODE:	ECO D04 COURSE TYPE : ECC/CB
COURSE TITLE: Economics of Transportation	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	
THEORY: 70	CCA : 30
OBJECTIVE: Transport is vital sector of a developing economy. Post Graduate students need to learn principles, policy and issues of transport economics. For a geographically huge economy like ours, this sector offers job opportunities. This course shall enhance job potential of learners.	
UNIT-1 15 Hrs	Role of transport in Economic Development - environmental and sociological aspects of transportation - Transport and tourism..
UNIT-2 20 Hrs	The demand for transport - The problem -of the peak - Seasonal variation - Factors affecting demand for transport - The elasticity of demand - Demand measurement and market research - The supply of transport - The economics of market structures Economies of scale - the interaction of supply and demand.
UNIT-3 20 Hrs	Principles of transport pricing -- Pricing and market structure - Cost of service principle - Value of service - Subsidies in transport - Problems and justification for subsidies. Investment criteria in transport - Cost Benefit Analysis of transport projects - Appraisal Methodology - Economic cost - Forecasting traffic - Economic Benefits.
UNIT-4 20 Hrs	Performance of transport in India - Road, Railways, Air and Water - Urban transport Pattern of growth - issues associated with urban transport - issues related to private sector participation - Financing legal and regular aspects.
UNIT-5 15 Hrs	Transportation System. Role of Private/Public sector in Transportation.
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. S.K. Srivasthava, The Economics of Transport, Sullhan C'hand and Company (Module I) 2. P.C Stubbs, W.J Tyson and M.Q Daivi, Transport Economics, George Alien and Umvin, Boston, 1986 (Module - II) 3. G.J Bell, D.A Blackledge, P.J Bowen. The Economics and Planning of Transport, Henemann, London, 1983 (Module II, III, IV) 4. Kirth Parik, India Development Report, 1997 and 2000 (Tworeports), Oxford University Press, New Delhi.

MA Economics
Fourth Semester
Computer Application in Economic Analysis - II
Course Code – ECOD05

- Unit-1** Regression Methods and Technique Regression Analysis Data Validation, Trends And Cycle City Forecasting System Modeling and Description.
(Study Hours- 18)
- Unit -2** System Equation; Specification; Error and Correction Strategies; Statistical Modeling and Descriptive Statistic, Distribution Functions, Regression Statistics.
(Study Hours- 18)
- Unit -3** I.T.S. Application Commerce, Online Banking ATN'S Electronic Stock, Exchange Electronic Trading Data Sharing and Decimation; Electronic Transition; Documents Delivery Authentication And Validation Transaction; Processing.
(Study Hours- 18)
- Unit -4** I.T. Application to Commerce Electronic Trading and Marketing; Online Shopping and Malls, B2B, B2C, and G2B, Models and Their Application;
(Study Hours- 18)
- Unit -5** Documents and Transaction Security and Digital Signature, Integrated Transition on Mobile Platforms.
(Study Hours- 18)

References:

1. Rajasekaran, S. (1986) Numerical Methods in Science and Engineering, A.H. wheeler, Allahabad.
2. Sanders, D.H. (1988); Computers Today, McGraw hill (3rd Edition), New York.
3. Sinha, P.K. (1992): Computers Fundamentals, BPB Publications, New Delhi.
4. Rajaraman, V. (1996) Fundamentals of Computers, Prentice Hall of India; New Delhi.
5. Lipschultz, M.M. and S. Lipschults (1982): Theory and Problems of Data Processing Schum's Outline Seres, McGraw hill, New York.