

AC 29/4/13

Item no 4.38

UNIVERSITY OF MUMBAI



Revised Syllabus

Sem. V & Sem. VI

Program: B.A.

Course: Economics

(As per Credit Based Semester and Grading System
with effect from the academic year 2013–2014)

PREAMBLE: The study of Economics has gained importance in the era of globalization because of sustained interest of the developing countries in restructuring their economies to greater diversity, efficiency and priorities. Accordingly, syllabus has been revised in view to understand recent trends in economics .The Board of Studies in Economics has revised the syllabi of papers at the TYBA which will be made effective from the Academic Year 2013-14. In this revision, some of the existing optional papers have been replaced by new papers. A broad overview of the structure, followed by the syllabi of individual papers, is given below.

DURATION:

- The course shall be a full time course.
- The duration of B.A. course shall be of Three years /Six Semesters.

FYBA: SEMESTER – I & II (One paper each semester)

SYBA: SEMESTER – III & IV (Two papers each semester)

TYBA: SEMESTER – V & VI (Six papers each semester)

PATTERN:

The pattern of examination will be Semester with Credit and Continuous Internal Evaluation. The T.Y.B. A. [Entire Economics] Course shall have 12 papers [Every semester shall have six papers, each carrying (40 + 60 = 100 marks)]. However students can opt combination of any two subjects (economics and any other subject) [Every semester shall have three papers of each subject, carrying (40 + 60 = 100 marks)].

SCHEME OF EXAMINATION:

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment with 40% marks in the first part by conducting the Semester End Examinations with 60% marks in the second part. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

(A) Internal Assessment: 40 Marks (40%)

Sr. No	Evaluation type	Marks
1	One Assignments/Case study/Project	10
2	One Periodical class Test	20
3	Active participation in routine class instructional deliveries(case studies/ seminars//presentation)	05
4	Overall conduct as a responsible student, mannerism and articulation and exhibit of leadership qualities in organizing related academic actives	05

(B) External Theory examination: 60 Marks (60%)

- **Duration –2 Hours** for each paper.
- There shall be four questions each of 15 marks on each unit.
- All questions shall be compulsory with internal choice within the questions.
- Questions may be subdivided into sub-questions a, b, c and the allocation of marks shall depend on the weightage given to the topic.

Questions	Modules	Marks
Q1	Based on Unit - 1	15
Q2	Based on Unit - 2	15
Q3	Based on Unit - 3	15
Q4	Based on Unit - 4	15
	Total Marks	60

COURSE STRUCTURE

TYBA SEMESTER –V

COURSE CODE	PAPER TITLE	CREDIT	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOAET501	ADVANCED ECONOMIC THEORY	4	100
ECOGAD502	GROWTH AND DEVELOPMENT	4	100
GROUP-II	ELECTIVE PAPERS		
ECOIFSA503	INDIAN FINANCIAL SYSTEM	3	100
	OR		
ECOILEB503	INDUSTRIAL AND LABOUR ECONOMICS	3	100
	OR		
ECOEACC503	ECONOMICS OF AGRICULTURE & CO-OPERATION (In place of Rural Economics)	3	100
	OR		
ECOEOD503	ECONOMICS OF INSURANCE	3	100
ECOEMSA504	ELEMENTARY MATHEMATICS AND STATISTICS FOR ECONOMIC ANALYSIS	4	100
	OR		
ECOREMB504	RESEARCH METHODOLOGY	4	100
	OR		
ECOEOMC504	ECONOMY OF MAHARASHTRA	4	100
ECOITEA505	INTRODUCTION TO ECONOMETRICS	4	100
	OR		
ECOEIIB505	EVOLUTION OF ECONOMIC IDEAS	4	100
	OR		
ECOIEPC505	INTERNATIONAL ECONOMICS: THEORY AND POLICY	4	100
	OR		
ECOEGDD505	ECONOMICS OF GENDER AND DEVELOPMENT	4	100
	OR		
ECOREEE505	REGIONAL ECONOMICS	4	100
ECOCOFA506	CORPORATE FINANCE	3	100
	OR		
ECOEXMB506	EXPORT MANAGEMENT	3	100
	OR		
ECOENEC506	ENVIRONMENTAL ECONOMICS	3	100
	OR		
ECOCAED506	COMPUTER APPLICATIONS TO ECONOMIC ANALYSIS	3	100
	OR		

ECOESIE506	ENTREPRENEURSHIP AND SMALL INDUSTRIES' MANAGEMENT	3	100
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TYBA SEMESTER -VI

COURSE CODE	PAPER TITLE	CREDIT	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOAET601	ADVANCED ECONOMIC THEORY	4	100
ECOGAD602	GROWTH AND DEVELOPMENT	4	100
GROUP-II	ELECTIVE PAPERS		
ECOIFSA603	INDIAN FINANCIAL SYSTEM	3	100
	OR		
ECOILEB603	INDUSTRIAL AND LABOUR ECONOMICS	3	100
	OR		
ECOAACC603	AGRICULTURE & CO-OPERATION (In place of Rural Economics)	3	100
	OR		
ECOEOD603	ECONOMICS OF INSURANCE	3	100
ECOEMSA604	ELEMENTARY MATHEMATICS AND STATISTICS FOR ECONOMIC ANALYSIS	4	100
	OR		
ECOREMB604	RESEARCH METHODOLOGY	4	100
	OR		
ECOEOMC604	ECONOMY OF MAHARASHTRA	4	100
ECOITEA605	INTRODUCTION TO ECONOMETRICS	4	100
	OR		
ECOEIIB605	EVOLUTION OF ECONOMIC IDEAS	4	100
	OR		
ECOIEPC605	INTERNATIONAL ECONOMICS: THEORY AND POLICY	4	100
	OR		
ECOEGDD605	ECONOMICS OF GENDER AND DEVELOPMENT	4	100
	OR		
ECOREEE605	REGIONAL ECONOMICS	4	100
ECOCOFA606	CORPORATE FINANCE	3	100
	OR		
ECOEXMB606	EXPORT MANAGEMENT	3	100
	OR		
ECOENEC606	ENVIRONMENTAL ECONOMICS	3	100
	OR		
ECOCAED606	COMPUTER APPLICATIONS TO ECONOMIC ANALYSIS	3	100
	OR		
ECOESIE606	ENTREPRENEURSHIP AND SMALL INDUSTRIES' MANAGEMENT	3	100

ADVANCED ECONOMIC THEORY

PREAMBLE: The Course deals with two areas of Economics viz. Microeconomics and Macroeconomics. Macroeconomics also covers International Economics, Open- economy macroeconomics and Public Economics.

Semester - V course covers only microeconomics including unit iv on Information Economics. Public good games is a new topic introduced in game theory in Unit One, however other aspects of the oligopoly market, which students have already studied in FYBA were deleted. In Unit Three, two more topics were introduced. They are Kaldor-Hicks compensation principle and Arrow's Impossibility Theorem. Incorporation of these two topics will definitely help the students to improve their understanding of welfare economics.

Semester –VI course covers various dimensions of Macroeconomics. Unit One deals with IS-LM model in detail, Unit Two deals with International Economics and is enriched by introducing various concepts of terms of trade viz. net barter, gross barter and income terms of trade; Unit Three deals with Open Economy Macroeconomics. In this unit Components of the Balance of Payments is added. Unit Four is entirely devoted to Public Economics. Incorporation of new topics such as the Coase theorem; concepts of impact, incidence and shifting of a tax and concepts of tax incidence developed by Dalton and Musgrave will help to improve applicability of the subject.

SEMESTER –V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOAET501	ADVANCED ECONOMIC THEORY PAPER - I	4	100

Unit I: Decision making under Oligopoly:

(12 Lectures)

Cournot's Model, Collusion: Cartels and Price Leadership, Game Theory: Nash Equilibrium and Prisoner's Dilemma, Public Goods Games.

Unit II: Theory of Factor Pricing:

(14 Lectures)

Factor Pricing in Perfectly and Imperfectly Competitive Markets, Theory of Economic Rent, Wage Determination under Bilateral Monopoly and the Role of Collective Bargaining, Loanable Funds Theory; Risks, Uncertainty and Theory of Profits.

Unit III: General Equilibrium and Social Welfare: (12 Lectures)

Interdependence in the Economy – General Equilibrium and its Existence-The Pareto Optimality Condition of Social Welfare, Marginal Conditions for Pareto Optimal Resource Allocation, Perfect Competition and Pareto Optimality; - Kaldor- Hicks Compensation Criterion - Arrow’s Impossibility Theorem.

Unit IV: Economics of Information: (12 Lectures)

Economics of Search: Search Costs, Information Failure and Missing Markets - Asymmetric Information: The Market for Lemons, Adverse Selection: Insurance Markets, Market Signaling, The Problem of Moral Hazard, The Principal-Agent Problem, Efficiency Wage Theory.

SEMESTER –VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOAET601	ADVANCED ECONOMIC THEORY: PAPER - II	4	100

Unit I: IS-LM Model: (14 Lectures)

Money Market Equilibrium: The LM Curve; The Product Market Equilibrium: The IS Curve, The IS and LM curves combined – Factors influencing Equilibrium income and the interest Rate, Monetary influence: Shift in the LM schedule- Real influences: Shift in the IS schedule; Relative Effectiveness of Monetary and Fiscal Policies: Policy Effectiveness and the Slope of the IS schedule - Policy Effectiveness and the Slope of the LM schedule; Aggregate Supply Curve, Aggregate Demand Curve and Determination of Price level - Phillips Curve.

Unit II: International Trade: (12 Lectures)

Classical Theory of International Trade, Haberler’s Theory of Opportunity Cost; Heckscher – Ohlin Theory of Trade - Terms of Trade: Gross, Net and Income - Law of Reciprocal Demand and Offer Curves- Equilibrium Price in International Trade, Commercial Policy - Tariffs and their effects.

Unit III: Open Economy Macroeconomics: (12 Lectures)

Determination of Exchange Rate in Foreign Exchange Markets: Fixed and Flexible, Nominal and Real Exchange rate - Mundell - Fleming Model- the Impossible Trinity; - Purchasing Power Parity Theory. Balance of Payments: Components, Disequilibrium and Adjustments - Currency Crisis.

Unit IV: Public Economics:

(12 Lectures)

Public Goods, Externalities, Market Failure- Role of the state - the Coase Theorem - Principles of Taxation: Ability to pay-principle and Benefit Principle -Concepts of Impact, Incidence and Shifting of a Tax – Dalton’s & Musgrave’s concepts of Tax-Incidence - Demand and Supply Theory of Incidence, Excess Burden of Taxation.

References:

1. Dornbusch R S, Fischer and R Startz, Macroeconomics 8e New Delhi Tata Mc Grow Hill 2004 [UNIT- 6]
2. Dwiwedi D N , Principles of Economics, New Delhi, Vikas Publishing House, 2008 (UNIT- 7)
3. Froyen R T Macroeconomics : Theories and Policies , Delhi Pearson Education Asia, 2001 [UNIT- 5]
4. Mankiw N Gregory, Macroeconomics, 6e New York, Worth Publishers 2003, [UNIT- 5,6]
5. Mankiw N G , Principles of Economics, 6e New York, Worth Publishers 2003
6. Musgrave R A and P B Musgrave, Public Finance in Theory and Practice, 5e New York, Mc Graw Hill International Edition, 1989 [UNIT- 8]
7. Koutsoyannis , Modern Microeconomics, Macmillan Press Ltd., London
8. Salvatore D Microeconomics : Theory and Applications , New Delhi Oxford, New Delhi Oxford University Press 2006 [UNIT- 1-4]
9. Salvatore,D. (1997) International Economics, Printice Hall, New York [UNIT- 7]
10. Sodersten, Bo (1991), International Economics, The Mc Millan Press, London [UNIT- 7]
11. Stiglitz J Economics of Public Sector 3e New York W W Norton and Co 2000, [UNIT- 8]

12. Sujoy Chakravarty, Daniel Friedman, Gautam Gupta, Neeraj Hatekar, Santanu Mitra, Shyam Sunder (2011) Economic & Political Weekly, August 27- September 2, 2011 Vol XLVI No. 35 P 39-78
13. T.N. Hajela (2013): Macroeconomic Theory, 10th ed Ane Books Pvt. Ltd.
14. T.N. Hajela (2013): Public Finance - 3/e, Ane Books Pvt. Ltd.

GROWTH AND DEVELOPMENT

Preamble: The two papers on growth and development aim at introducing concepts, theories, processes and policies regarding growth and development. The meaning of development as it has evolved over the years is clarified. The contemporary as well as classical theories of growth, development and underdevelopment are considered in detail. Theories and issues related to population, poverty and human resources are considered. Urban and rural aspects of the development process are studied and so too are the international aspects of development. The approach has been to cover all important areas of development economics.

SEMESTER –V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOGAD502	GROWTH AND DEVELOPMENT PAPER - I	4	100

UNIT-I Meaning of Development (12)

Development and related concepts: economic growth, economic development, human development, sustainable development, Sen's views on development, Millennium Development Goals (MDGs); Measurement: Income indicators and their limitations, Human Development Index, Gender-related Development Index.

UNIT-II Theories of Development (14)

Rostow's stages of growth, Big push, Critical Minimum Effort, Coordination Failure and Multiple equilibria, Harrod-Domar growth model, Structural change and Lewis' model of unlimited supplies of labour, Solow's growth theory, Schumpeter's theory of development.

UNIT-III Issues in Development (10)

Rural-urban divide, development and environment, inclusive growth, rural credits, microfinance, infrastructure in development.

UNIT-IV Poverty, Inequality and Development (14)

Measurement of poverty, Head-Count Index and Poverty Gap Indices, policy options for alleviation of poverty, measurement of income inequality, economic growth and income inequality – Kuznet’s inverted U hypothesis, impact of inequality on development, informal sector.

SEMESTER -VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-I	COMPULSORY PAPERS		
ECOGAD602	GROWTH AND DEVELOPMENT: PAPER - II	4	100

UNIT-I Population and Human Resources (14)

Demographic transition, microeconomic household theory of fertility, approaches to population policy, Human Capital and its role in development, Health and Nutrition in development.

UNIT-II Structural Transformation (12)

The Kuznets-Clark thesis, Causes of urbanization, migration and development, policies for the urban informal sector, women in the informal sector, Role of agriculture in economic development, policies for rural development

UNIT-III International Aspects of Development (14)

Trade strategies for development: export promotion versus import substitution, financing of balance of payments deficits, foreign direct investment and multinational corporations, foreign portfolio investments and developing countries.

UNIT-IV Agencies of Development (10)

Market, State, and Voluntary sector as agencies of development, Types of Planning – Changing role of development planning, Models of development planning, Gender budgeting.

Role of International Agencies in development – World Bank and IMF – structural adjustment and stabilization, WTO

References:

1. Todaro, Michael P. and Stephen C. Smith. *Economic Development*, 8e. Delhi: Pearson Education, 2003.
2. Misra, S.K. and Puri. *Growth and Development*. Mumbai: Himalaya Publishers, 2005.
3. Thirlwall, A.P. *Growth and Development* 8e. New York: Palgrave MacMillan, 2005.
4. Meier, Gerald M. and James E. Rauch. *Leading Issues in Economic Development*, 8e. New Delhi: Oxford Univ. Press, 2006.

INDIAN FINANCIAL SYSTEM

Preamble: The post globalised period has brought about remarkable changes in the financial sector. The purpose of this paper is to acquaint students with the working of the system and the recent changes that have taken place. The operations of both the Central Bank and commercial banks in an open economy, had to be reassessed. The opening of the financial markets and the evolution of new instruments should also be an important constituent of the paper. It was also necessary that financial services be discussed separately as a topic.

SEMESTER - V.

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOIFSA503	INDIAN FINANCIAL SYSTEM: PAPER- I	3	100

UNIT-I OVERVIEW OF THE INDIAN FINANCIAL SYSTEM (10 lectures)

Definition and Meaning of the Financial System - Components of the financial System: Institutions, Instruments, Markets, and Services; Functions and Role of financial system; Financial System and Economic Development - Indicators of Financial Development: FR, FIR, NIR and IR.

UNIT-II FINANCIAL SECTOR REFORMS & RBI: (10 lectures)

Review of Financial Sector Reforms (Narasimham Committee Report 1991 and 1998) - Monetary Policy of the RBI: Objectives – Recent Developments in the Monetary Policy - Transmission Channels of Monetary policy.

UNIT-III BANKING & NON-BANKING FINANCIAL INSTITUTIONS: (10 lectures)

Commercial Banking: Developments in Commercial banking sector since mid 1980s – Management of Non-Performing Assets (NPAs) ; Capital Adequacy Norms - Basel Accord III.

Overview of Development Banking and Non Bank Finance Companies (NBFCs) in India.

UNIT-IV FINANCIAL INSTRUMENTS (15 lectures)

Traditional Instruments: Equities, Debentures and Bonds; Hybrid Instruments; Different types of Bonds such as Floating Rate Bonds, Zero interest bonds, Deep Discount bonds, Inverse float bonds.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOIFSA603	INDIAN FINANCIAL SYSTEM PAPER - I	3	100

UNIT-I MONEY MARKET:

(07 lectures)

Money Market: Components of organized money market – Call and Notice Market, Treasury Bills Market, Commercial Bills Market, Markets for Certificate of Deposits, Market for Commercial Papers, Market for Inter-Bank Participation Certificates, Discount Market and Market for Collateralized Borrowing and Lending Obligations - Features of Indian Money Market.

UNIT-II CAPITAL MARKET & FOREIGN EXCHANGE MARKET:

(08 lectures)

Capital Market: Structure of the Indian Capital Market – Recent Developments in the Primary Market – Recent Developments in the Secondary Market - Overview of Debt Market in India – Interlink between Money Market and Capital Market. Foreign Exchange Market: Constituents/ players in the market – its functioning and growth.

UNIT-III THE DERIVATIVES MARKET IN INDIA

(15 lectures)

Meaning of derivatives – Participants in the Derivative Markets – Hedgers, Arbitraders and Speculators – Significance of Derivative Markets – types of financial derivatives: Forwards, Futures, Options and Swaps - pricing of derivatives: Pricing of Futures and Pricing of Options - Derivatives trading in India.

UNIT-IV FINANCIAL SERVICES & REGULATION

(15 lectures)

Financial services – Insurance, Mutual Funds, Lease Finance, Merchant Banking and Credit Rating.

Regulation of the financial system: RBI, SEBI, and IRDA.

REFERENCES

- 1) Pathak Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
- 2) Bhole L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
- 3) Bodie, Z. et. el. (2009), Financial Economics, Pearson Education, New Delhi.

- 4) Hull John (2002): Introduction to Futures and Options Market, Prentice Hall of India, Delhi.
- 5) Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
- 6) Paul, J. and P. Suresh (2008), Management of Banking and Financial Services, Pearson Education, Delhi.
- 7) Reserve Bank of India (various issues) Report on Currency and Finance, RBI, Mumbai.
- 8) Reserve Bank of India (1997) Occasional Papers, Vol. 18, Nos. 2 & 3, RBI, Mumbai.
- 9) Strong, R. A. (2002); Derivatives : An Introduction; Thomson Asia Pte. Ltd, Bangalore.
- 10) Sridhar, A. N. (2006); Futures and Options – Equities and Commodities; Shroff_Publishers, Mumbai.

INDUSTRIAL AND LABOUR ECONOMICS

Preamble: There has been a paradigm shift in the structure of the Indian industrial sector and the policies governing it ever since the new era of globalisation and liberalisation has ushered in. This paper intends to equip the students with the knowledge about the fundamentals of Industrial Economics and also the latest policies relating to the Indian industry.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOILEB503	INDUSTRIAL AND LABOUR ECONOMICS: PAPER - I	3	100

Unit I - Introduction

(No of lectures 10)

- Meaning and Scope of Industrial Economics
- Industrial Profile : Private sector - Performance and Problems;
Cooperatives - features, types, merits and demerits;
Public Sector - Role, Performance and Problems
- Diversification and Industrial Combinations - Motives for Mergers and Acquisitions

Unit II - Industrial Location and Problem of Regional Imbalance **(No of lectures 12)**

- Determinants of Industrial Location
- Theories of Industrial Location - Weber's and Sargent Florence's Theories
- Dispersion of Industries and the Problem of Regional Imbalance

Unit III – Industrial Productivity and Industrial Sickness **(No of lectures 10)**

- Concept and Measurement of Industrial Productivity
- Factors Affecting Industrial Productivity

- Industrial Sickness - Causes, Effects and Remedial Measures
- Rationalisation - Concept, Aspects and Impact

Unit IV - Industrial Development in India

(No of lectures 12)

- New Industrial Policy, 1991; Disinvestment Policy; Micro, Small and Medium Enterprises Development Act, 2006; National Manufacturing Policy, 2011
- Recent Trends in India's Industrial Growth
- Role of MNCs in the Indian Economy - Merits and Demerits
- Issues in Industrial Proliferation and Environment Preservation; Pollution Control Policies

References

- Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi
- Barthwal R.R. (2007) , Industrial Economics , New Age International Publishers, New Delhi
- Cherunilam, F. (1994), Industrial Economics : Indian Perspective, Himalaya Publishing House, Mumbai
- Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi
- Desai S.S.M. and Bhalerao N (2008), Industrial Economy of India, Himalaya Publishing House, Mumbai
- Ekbote Vidya and Ekbote Vilas (1999), Industrial Economics, Anmol Publication, Pune
- Kuchhal S.C. (1980), Industrial Economy of India, Chaitanya Publishing House, Allahabad
- Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai
- Ranjana Seth, Industrial Economics (2010), Ane Books Pvt. Ltd., New Delhi
- Reasons Behind Mergers
- National Manufacturing Policy, 2011 - Department Of Industrial ...
- The Micro, Small and Medium Enterprises Development Act, 2006 .
- Micro, Small and Medium Enterprises (MSMEs) in India: An Appraisal
- Industrial Growth and the Environment - of Planning Commissio

- PREVENTION AND CONTROL OF POLLUTION - Ministry of ...
- Sinha V.C., Sinha P. and Sinha V. (2001), Industrial Economics, Lokbharati Publication, 15 - A, Mahatma Gandhi Marg, Elahabad
- Raykhelkar A.R. and Damji B.H. (2011), Industrial Economics, Vidya Books Publication, Aurangabad, Maharashtra

INDUSTRIAL AND LABOUR ECONOMICS

Preamble: Issues pertaining to the labour market, wage policy, trade unions and amicable solutions to industrial disputes have become vital for developing countries, especially for India, where the bulk of the labour force is employed in the unorganised sector, and the organised sector is witnessing a phenomenon of ‘jobless’ growth. This paper intends to provide knowledge of the same and also discusses the importance of labour welfare and social security measures for the growing labour force in India.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOILEB603	INDUSTRIAL AND LABOUR ECONOMICS: PAPER - II	3	100

Unit I – Introduction – Indian Labour Market

(No of lectures 10)

- Characteristics of the Indian Labour Market
- Child Labour and Female Labour – Problems and Measures
- Globalisation and Indian Labour Market
- Labour Market Reforms – Exit Policy and Need for Safety Nets
- Second National Commission on Labour

Unit II – Trade Unionism

(No of lectures 12)

- Definition and Functions of Trade Unions
- Historical Evolution of Trade Unions in India and Their Present Status
- Problems of Trade Unions in India
- Role of Outside Leadership

Unit III – Industrial Relations

(No of lectures 10)

- Causes of Industrial Disputes and Their Settlement Mechanism
- Collective Bargaining – Concept, Features, Importance and Pre-requisites for Successful Collective Bargaining
- Collective Bargaining in India
- Workers’ Participation in Management – Concept, Objectives and Forms of Workers’ Participation in India

Unit IV – Labour Welfare and Social Security

(No of lectures 12)

- Concept, Theories and Principles of Labour Welfare
- Agencies for Labour Welfare
- Role of the Labour Welfare Officer
- Social Security – Concept; Social Assistance and Social Insurance
- Social Security Measures in India
- International Labour Organisation and Its Impact on Indian Labour Legislations

References

- Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi
- Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi
- Mamoria C.B. and Mamoria S. (2002), Dynamics of Industrial Relations, Himalaya Publishing House, Mumbai
- Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai
- Monappa A, (2006), Industrial Relations, Tata McGraw Hill Publishing Company Ltd., New Delhi
- Punekar S.D., Deodhar S.B. and Sankaran Saraswathi (2004), ‘Labour Welfare, Trade Unionism and Industrial Relations’, 2004
- Ratna Sen, Industrial Relations in India - Shifting Paradigms (2005), Macmillan, New Delhi
- Singh J.K. (1998), Labour Economics – Principles, Problems and Practices, Deep and Deep Publications Pvt. Ltd., New Delhi
- Sinha P.R.N., Sinha I.B. and Shekar S.P. (2006), Industrial Relations, Trade Unions and Labour Legislation, Pearson Education, New Delhi
- Sarma A.M. (2002), Industrial Relations, Himalaya Publishing House, Mumbai

- Deshmukh Prabhakar (1987), Labour Economics, Vidya Publication, Nagpur
- Singh V.B. (Ed.) (1970), Industrial Labour in India, Popular Prakashan, Bombay

ECONOMICS OF AGRICULTURE & CO-OPERATION

Preamble:

SEMESTER - V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEAACC503	ECONOMICS OF AGRICULTURE & CO-OPERATION PAPER-I (In place of Rural Economics)	3	100

UNIT- I: - AGRICULTURAL PRODUCTIVITY: (12 lectures)

Role of agriculture in economic development - Cropping Pattern Agricultural Productivity, Causes of Low Productivity in Agriculture - Measures taken to improve the Agricultural Productivity in India - Water Management and agricultural development - Agricultural labour: Problems and suggestions.

UNIT-II: - AGRICULTURAL CREDIT: (12 lectures)

Institutional and Non-Institutional Sources of Credit - Co-operative Credit and Agriculture, Rural Indebtedness - Commercial Banks and Regional Rural Banks, micro finance - NABARD - Role and Performance.

UNIT-III: - AGRICULTURAL MARKETING: (12 lectures)

Types of Marketing - Corporate, Commodity and Global Problems and Measures of Agricultural Marketing - WTO and Indian Agriculture. Problems of Agricultural Marketing and its measures.

UNIT- IV: - AGRICULTURAL PRICE AND POLICY: (12 lectures)

New Agricultural Policy – 2007 - Food Security in India - Price Policy of CACP Evaluation, Agricultural Crisis and Farmers’ Suicide. Agro-Tourism and its policy

• References:

1. Carl Eicher and Lawrence wit (1964), Agriculture in Economic Development McGraw Hill Book Company, New York
2. Bilgram, S.A.R,(1966), Agricultural Economics, Himalaya Publication House, Delhi.
3. Ghatak S. and K. Ingerscent, (1964), Agriculture and Economic Development, Select Books, New Delhi
4. Raj K.N. (1988) Essays in Commercialization of Indian Agriculture, Oxford University Press, New Delhi
5. Thamarajalaxmi R. (1994), Intersectoral Relationship in Developing Economy, Academic Foundation, Delhi
6. Papola T.S. (1982), Rural Industrilization in India, Himalaya Publication House, Delhi.
7. Sadhu A.N. & Singh Amarjit (1966):” Fundamentals of Agricultural Economics Himalaya Publication House, Delhi.
8. Soni R.N.(1955), Leading Issues in Agricultural Economics, Arihant Press, Jalandhar
9. Wanmali S. and C. Ramasamy (Ed.)(1995), Developing Rural Infrastructure, McMillan, New Delhi
10. Govt. of India, (1976), Report of National Commission on Agriculture, New Delhi
11. Memoria C. B. (), Agricultural Problems of India
12. Lekhi R.K. (), Agricultural Problems in India
13. Datt and Sundaram (2012), Indian Economy, S.Chand & Company, New Delhi
14. Mishra & Puri, (2012), Indian Economy, Himalaya Publishing House, New Delhi
15. Vaidhanathan, A. (1995), Indian Economy: Crisis, Response and Prospects, Orient Longmans, New Delhi.
16. John W. Penson, Oral Capps, C.Parr Rosson, (1999), Introduction to Agricultural Economics, Prentice Hall, New Jersey.
17. Agrawal A.N. & Kundan K.L. Agricultural Problems of India, Vikas Publication House, New Delhi
18. Khusro A.M. (1968) Leading issues in Agricultural Development, Allied Publishers, Bombay

SEMESTER - VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEAACC603	ECONOMICS OF AGRICULTURE & CO-OPERATION PAPER-II (In place of Rural Economics)	3	100

UNIT- I: CO-OPERATION

(12 lectures)

Meaning, features of Co-operation - Principles of Co-operation (Manchester-1995) - Role of Co-operation in Economic development - Globalization and Co-operation-Importance and Benefits of Co-operation.

UNIT- II: CO-OPERATIVE FINANCE IN INDIA:

(12 lectures)

Co-Operative Finance: Need, Structure, Progress and Problems - National Co-operative Development Corporation (N.C.D.C.) - Farmers service societies and urban Co-operative banks.

UNIT- III: AGRICULTURAL CO-OPERATIVES

(12 lectures)

Role and Types of Agro-Industries - Problems and Measures of Agro-Industries - Sugar and Dairy Co-operatives - Food and Fruits Processing Industry - Co-Operative Farming.

UNIT- IV: CO-OPERATIVE ORGANIZATIONS IN INDIA

(12 lectures)

Consumer Co-operatives - Co-Operative Marketing - Housing Co-operative societies - Labour Co-operative societies - Agricultural Marketing societies-Leadership in Co-operative development.

References:

1. R. D. Bedi () Theory, History and Practice of Co-Operation, Loyal Book Depot, Meerut (U.P.)
2. Mathur B. S, ()Co-Operation in India, Sahitya Bhavan, Agra
3. John Matthai, () Agricultural Co-Operation in India , Reliance Publishing House, New Delhi

4. Krishnaswami,() Fundamentals of Co-Operation, S. Chand and Company Ltd, New Delhi
5. Hajela T.N, () principles, problem and practice of Co-operation, Agarwal publication.
6. Government of Maharashtra - Co-operative movement at a Glance (latest annual report).

ECONOMICS OF INSURANCE

Preamble: The important role played by the insurance institution in mobilizing savings and diverting them for capital formation is well known. In recent years, uncertainties experienced in life have been increasing and this in turn has created demand for insurance. With the opening of the insurance sector to private players, the interest in the subject has increased. The paper on Economics of Insurance attempts to provide a fairly comprehensive view of the subject to the undergraduate students in Economics.

SEMESTER –V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEOID503	ECONOMICS OF INSURANCE: PAPER-I	3	100

UNIT- I Introduction : (12 lectures)

Definition of Insurance, Characteristics of Insurance, Distinction between Assurance and Insurance ,Purpose and need of insurance, Functions of Insurance, Classification of Insurance, Limitations of Insurance.

UNIT- II Risk and Risk management : (12 lectures)

Concept of Risk ,Risk Vs Uncertainty – Loss and chances of loss, Perils, Hazards, Types of Risk, Classification of Pure risk, Elements of insurable risk, Losses and methods of handling pure risk, Risk management process - Risk analysis, Risk control and risk financing, Risk financing ,Risk financing techniques, Risk transfer.

UNIT- III Insurance and Economic Development (12 lectures)

Risk management and Insurance in economic development ,Insurance institutions as financial intermediaries; insurance institution as investment institution; Insurance institutions in the capital market.

UNIT- IV Reinsurance :

(12 lectures)

Definition, Objectives of reinsurance ,Role of reinsurance, Techniques of reinsurance. Role of reinsurer,Issues and challenges in Indian Reinsurance.

References:

1. Dr.P.K.Gupta - Insurance and risk management Himalaya Publishing house Second edition (2011)
2. Dr.M.J.Mathew – Insurance Principles and Practice RBSA publishers Second revised edition (2005)
3. M.N.Mishra & Dr.S.B.Mishra – Insurance Principles and Practice S.Chand & Company ltd 14th edition (2007)
4. Scott E Harrington and Gregory R, Niehaus, Insurance and Risk Management,IRWIN/Mc Graw-Hill (1999)
5. T.S.Mann ,Law and practice of Life Insurance in India,Deep and deep,1987.
6. P.Periasamy,Principles and practice of Insurance,Himalaya Publishing House (2003)
7. Practice of General Insurance ,Insurance Institute of India,Mumbai,1997.
8. IRDA Annual Report.D.C.Srivastava et al., Indian Insurance Industry –Transition and Prospects,New Century Publications (2001)

ECONOMICS OF INSURANCE

Preamble: The important role played by the insurance institution in mobilizing savings and diverting them for capital formation is well known. In recent years, uncertainties experienced in life have been increasing and this in turn has created demand for insurance. With the opening of the insurance sector to private players, the interest in the subject has increased. The paper on Economics of Insurance attempts to provide a fairly comprehensive view of the subject to the undergraduate students in Economics.

SEMESTER -VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEOID603	ECONOMICS OF INSURANCE : PAPER-II	3	100

UNIT- I (12 lectures)

Introduction to Life insurance- Meaning and Definition, Features of Life Insurance, Benefits of Life Insurance, Method of risk classification in Life Insurance, Treatment of Sub-standard risk in Life Insurance, Types of life insurance, Calculation of net Premium - Calculation of single premium for one year term insurance policy, Calculation of single premium for five year term policy, Calculation of single premium for pure endowment insurance policy and calculation of single premium for ordinary endowment policy.

UNIT- II (12 lectures)

Fundamentals of life and health insurance; Functions of Life and Health Insurance.
Underwriting process and methods : Definition of Underwriting, Objectives and principles of Underwriting, Underwriting in Life Insurance, Underwriting in Non Life Insurance.
Group Insurance: Meaning, Importance, Types of Group Insurance schemes.

UNIT- III (12 lectures)

Essentials of General Insurance : Definition of General Insurance, Types of General Insurance, Importance of General Insurance , Role and functions of General Insurance Corporation.

Social Insurance: Need and characteristics , Social Insurance in India, Social Insurance schemes of LIC.

Rural Insurance : Need and potential of rural insurance, Insurance sector reforms , IRDA provisions on obligations of insurers to rural and social sector .

UNIT- IV (12 lectures)

Information technology in Insurance : Need for Information technology ,Technologies for Insurance, IT application in functional areas.

Marketing of Insurance products: Critical success factors for insurance players ,Distribution channels, Marketing strategies of insurance players in India.

References:

1. Dr.P.K.Gupta - Insurance and risk management Himalaya Publishing house Second edition (2011)
2. Dr.M.J.Mathew – Insurance Principles and Practice RBSA publishers Second revised edition (2005)
3. M.N.Mishra & Dr.S.B.Mishra – Insurance Principles and Practice S.Chand & Company Ltd 14th edition (2007)
4. Scott E Harrington and Gregory R, Niehaus, Insurance and Risk Management,IRWIN/Mc Graw-Hill (1999)
5. T.S.Mann ,Law and practice of Life Insurance in India,Deep and deep,1987.
6. P.Periasamy,Principles and practice of Insurance,Himalaya Publishing House (2003)
7. Practice of General Insurance ,Insurance Institute of India,Mumbai,1997.
8. IRDA Annual Report.D.C.Srivastava et al., Indian Insurance Industry –Transition and Prospects,New Century Publications (2001)

ELEMENTARY MATHEMATICS AND STATISTICS FOR ECONOMIC ANALYSIS

SEMESTER -V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEMSA504	<u>ELEMENTARY MATHEMATICS AND STATISTICS FOR ECONOMIC ANALYSIS</u> : PAPER-I	4	100

UNIT-I

Lectures: 13

A: Microeconomic Applications of equations and Graphs

- Linear Demand and Supply Curves
- Taxes, Price elastic and straight line demand curves
- Nonlinear Demand and Supply Applications
- Budget Line

B: Derivatives and their applications

- Derivatives
- Higher order derivatives
- Increasing and decreasing functions
- Optimisation of economic functions

UNIT-II:

Lectures: 10

Linear Algebra

- Matrices and basic operations on matrices
- Rank of a matrix
- Inverse of a matrix
- Cramer's rule
- Input-Output Analysis
- Linear Programming Problem

UNIT-III:

Lectures: 12

A: Measures of Central Tendency and Variation

- Arithmetic Mean, median and mode,
- Measures of Dispersion: Range, Quartile Deviation, Mean Deviation; Standard Deviation; Lorenz Curve

B: Commercial Statistics

- Brokerage, Commission and Insurance

UNIT-IV:

Lectures: 10

Elementary Probability Theory

- Sample space and events
- Mutually exclusive, exhaustive and complimentary events
- Conditional probability
- Binomial probability distribution
- Normal distribution

References

1. Dowling Edward T : Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi,2004
2. Lerner Joel J and P.Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
3. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw –Hill,1993
4. Pfitzner Barry C.: Mathematical Fundamentals of Microeconomics, biztantra, New Delhi, 2003.
5. Gupta S.P. : Statistical Methods, S. Chand, New Delhi,
6. Sancheti D.C. andV.K. Kapoor : Statistics-Theory, Methods and Applications, S. Chand, New Delhi

SEMESTER -VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEMSA604	<u>ELEMENTARY MATHEMATICS AND STATISTICS FOR ECONOMIC ANALYSIS : PAPER-II</u>	4	100

UNIT-I

Lectures: 13

Multivariate functions

- Functions of several variables and partial derivatives
- Second order partial derivatives
- Optimisation of multivariable functions
- Constrained optimisation with Lagrange multiplier
- Marginal productivity, Income and price elasticities of demand
- Homogeneous production functions and returns to scale
- Cobb-Douglas production function

UNIT-II:

Lectures: 12

Integral Calculus

- Integration and Definite integral
- Economic applications
- Present value of cash flows(present value of a sum to be received in future and present value of a stream of future income)
- Consumers' and Producers' Surplus
- Learning curve

UNIT-III:

Correlation and Regression

Lectures: 10

- Karl Pearson's Correlation Coefficient
- Spearman's Correlation Coefficient
- Method of Least Squares and Regression Lines
- Regression Coefficients

UNIT-IV:

Index Numbers and Time Series

Lectures: 10

- Simple and composite index numbers
- Construction and uses of index numbers
- Laspeyre's, Paasche's and Fisher's Index numbers
- Cost of living index numbers-real income – wholesale price index number
- Splicing of index numbers
- Components of time series
- Estimation and forecasting of trend by the Least Squares Method

References

1. Dowling Edward T: Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw Hill, New Delhi, 2004
2. Lerner Joel J and P.Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
3. Dowling Edward T: Theory and Problems of Mathematical methods for Business and Economics, McGraw –Hill, 1993
4. Gupta S.P.: Statistical Methods, S. Chand, New Delhi.
5. Sancheti D.C. and V.K. Kapoor: Statistics-Theory, Methods and Applications, S. Chand, New Delhi

RESEARCH METHODOLOGY

Preamble

The central focus of this course is an introductory study of the concepts, principles and methods of economic research. The course focuses on the logic of social science research and on practical problems of applying quantitative and qualitative methods in the process of formulating research questions. The primary goal is to strengthen student's critical thinking and reasoning skills at planning economic research and to enable them to communicate research results competently. The study equips the students with the basic understanding of the research methodology and provides an insight into the application of modern analytical tools and techniques for the purpose of economic decision making. The course will provide students an opportunity to learn how to collect and analyze primary and secondary data. Methods covered include interview design and technique, case study method and also a study of secondary data sources. Computer Applications to research analysis and tools commonly used in research are introduced to sharpen the analytical and presentation skills of the learner.

The course is to be taught in two parts in the fifth and sixth semester of final year B.A. degree course in Economics. The entire course is to be conducted from an interdisciplinary perspective. The first part covers the structure of research and theory construction, types of research as well as the main issues of data gathering and data quality and learning of basic statistical tools. The second part provides an overview of the main methodological problems of quantitative and qualitative analysis, an introduction to hypothesis formulation, testing of hypotheses and illustrates the usage of different approaches and application of computers in recent empirical social research.

The course work of this paper will be taught in each semester. There are four units in each semester and each unit will be taught in 10 contact hours. The contact hours allotted to individual unit are notional and are adjustable to the total contact hours. In addition, a learner is expected to undertake practice on quantitative techniques and carry out computer practical exercise to grasp the nuance of fundamental statistical analysis using computers. The contact tools like discussion, group work, seminar, use of web resources and library resources are to be extensively used for teaching this paper. Hands on experience on web search, Practical sessions in the computer laboratory and Library sessions and are inbuilt requisites of this course.

The course in each Semester is categorized into three components;

- (a) Conceptual clarity on Research Methodology with 40 marks weightage
- (b) Numerical problems on Quantitative Techniques with 20 marks' weightage and
- (c) Conduct of a case study, framing of schedule and questionnaire and field visit report as a project and/or Computer Application and Practical on Quantitative Techniques with 40 marks'

weightage (for internal assessment.) Also an introduction to presentation tool is to be imparted with Training on Creating presentation, Customizing presentation and showing presentation as integral part of internal assessment.

SEMESTER -V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOREMB504	RESEARCH METHODOLOGY: PAPER-I	4	100

UNIT - I : Introduction to Concept of Research : (10 lectures)

- Nature, Scope & Purpose of social research
- Basic assumptions of research
- Significance of social sciences research
- Objectivity in social sciences research
- Types of research : pure & applied research; formulative or exploratory research; descriptive research, historical research, , experimental research, survey research
- Ethical issues relating to research
- Major Difficulties in the Area of economic research

UNIT - II : Elements of Research Methodology: (15 lectures)

I. Steps in Research process:

- Identification, selection and formulation of research problem – sources of research problem – criteria of a good research problem
- Review of literature
- Formulation of hypothesis
- Preparing Research Design: Definition, Concepts, and types– exploratory, descriptive and diagnostic, experimental and Analytical research designs
- Collecting and analysing the data
- Interpretation and report writing

- II. Use of web search in research process- introduction to Internet and WWW, Using search engine like Google, Yahoo etc- Use of advanced search techniques

Unit - III :Sources of Data for Research:

_(15 lectures)

- I. Types of data sources: Primary and Secondary, choice between primary and secondary data
- Primary data-Meaning and Collection methods
 - i. Observational method
 - ii. Interview technique
 - iii. Design of Schedule and Questionnaire
 - iv. Survey method and Field Visits
 - v. Case Study as a method
 - Major Sources of Secondary data: Meaning, advantages, Relevance, limitations and cautions of secondary data.
- II. Sampling Technique: Census and sample survey- Essentials of a good Sampling - Advantages and limitations of sampling
- Methods of sampling:
- i. random sampling : simple or unrestricted random sampling- mixed or stratified random sampling, systematic or quasi random sampling – multistage or cluster random sampling - sequential random sampling
 - ii. non random sampling : judgement or purposive sampling–convenience sampling- accidental sampling – quota sampling

Sampling and Non-sampling errors - Sample size – selecting an appropriate sampling technique

UNIT-IV : Processing and Analysis of Data

(10 lectures)

- Classification, Tabulation and Graphical presentation of socio-economic data
- An introduction to Statistical Analytical Tools – Measures of Central Tendency - Measures of Variation : absolute and relative measures – Quartile deviation, standard deviation, coefficient of variation.- Skewness : meaning and Measurement (Karl Pearson's and Bowley's methods)
- Preliminaries of Computer Applications in Data organization & Data Processing

Introduction to spreadsheet application, features and functions, Using formulas and functions, Data storing, Features for Statistical data analysis, Graphical representation of data, Generating charts/ graph and other features

SEMESTER -VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOREMB604	RESEARCH METHODOLOGY: PAPER-II	4	100

UNIT-I : Statistical applications in research

_(15 lectures)

- Methods of studying Correlation- measurement of simple correlation : graphic method :scatter diagram - coefficient of correlation - Karl Pearson and rank correlation- interpretation of $r = \pm 1$
- Linear Regression analysis: meaning, regression lines, regression coefficients, regression equations , relationship between correlation and regression
- Analysis of Time Series – components –trend analysis- moving averages (3,4 and 5 yearly) - method of least square

UNIT-II : Index numbers

(15 lectures)

Meaning – classification – problems encountered while constructing index numbers- uses and limitation of index numbers

Methods of constructing index numbers:

- Simple index: i) aggregate method ii) simple average of relatives method
- Weighted index : Laspeyer's, Paache's and Fisher's index – weighted average of relatives method
- Chain based index – concepts of Base shifting, splicing, and deflating
- Consumer price index : meaning, need and construction – methods : aggregate expenditure method and family budget method

UNIT-III : Hypothesis formulation and Hypothesis Testing

(10 lectures)

- Definition and functions of hypothesis –Criteria of workable hypothesis – forms and sources of hypothesis
- Concepts in Testing of Hypothesis : Universe / Population, parameter and statistic , Null and Alternative Hypotheses, Levels of Significance, critical region, Type I and type II errors - Point and Interval Estimates

Unit –IV : Research Report Writing

(10 lectures)

Types of Research Report: Technical, Popular, Interim, Summary, Article

□Format of a Research Report

□Principles of writing the Research Report: Organization and Style - Contents-Styles of reporting- Steps in drafting Reports- Editing the final draft-Evaluating the final draft - Organization of the Research Report: Preliminaries, Contents of Report, Structuring the Report: Chapter format- Pagination- Identification- Using quotations- Presenting footnotes – abbreviations- Presentation of tables and figures- Referencing- Documentation-Use and format of appendices- Indexing - Bibliography, Appendices

BIBLIOGRAPHY:

1. Gopal, M.H (1970) An Introduction to Research Procedures in Social Sciences, Bombay, Asia Publishing House.
2. Goode J.Willium & Hatt K. Paul, Methods of social Research, , New York, McGraw – Hill.
3. Kothari, C.R (2004) Research Methodology: An Introduction, Delhi, New Age
4. Krishnaswami, O.R &, M.Ranganatham (2011) Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai. .(Unit 1,2, 3,4)
5. Kumar, Renjith (2009) Research Methodology: A Step by Step Guide for Research, Delhi, Pearson Education
6. P.Saravanavel ((1987) Research Methodology, Kitab Mahal, Allahabad .(Unit 1,2, 3,4)
7. Gupta S P tatistical Methods Sultan Chand and Sons, New Delhi. .(Unit 3,4,)
8. Gupta S.C, Fundamentals of Statistics, Himalaya Publication House, Bombay.(Unit 4,)
9. Rajaram V. (1996), Fundamentals of computers, Prentice Hall of India, New Delhi
10. Sadhu A.,N. & Amarjit Singh: Research Methodology in Social Sciences, by Himalaya Publishing House.

11. Sharma, B.A.V., et al., (2000) Research Methods in Social Sciences, Sterling Publishers., New Delhi
12. Young Pauline V, Scientific Social Surveys and research, New Delhi, Prentice hall of India Pvt Ltd .(Unit 1,2,3)

ECONOMY OF MAHARASHTRA

Preamble: This paper introduces and well acquaints the students with various sectors of economy of Maharashtra i.e. natural resources, population, agriculture, industry, infrastructure, fiscal policy and human development. These UNIT-s will introduce the various problems faced by the economy of Maharashtra and efforts of the Government to tackle them.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEOCMC504	ECONOMY OF MAHARASHTRA: PAPER-I	4	100

UNIT-I: Introduction to Economy of Maharashtra: (14 Lectures)

Location and administrative structure, land, forest, climate and rainfall, fisheries and mineral resources, structural changes in state domestic product since 1960 – Regional disparities in development – Indicators, Statutory Development Boards – Maharashtra’s place in India in various economic indicators.

UNIT-II: Demography of Maharashtra: (12 Lectures)

Size and growth rate – Density – Birth rate, Death rate and infant mortality rate – Urban and rural population – Literacy rate – Sex ratio – Migration – Labour force – SC and ST population – Employment Guarantee Scheme (EGS) – Unemployment and poverty.

UNIT-III: Agriculture Development in Maharashtra: (12 Lectures)

Significance of agriculture in the economy of Maharashtra – Land utilisation in Maharashtra – Cropping pattern and per hectare yield – Trends in land productivity – Land reforms – Intensity of irrigation – Inequalities in land distribution in Maharashtra – Agricultural finance – Special

Economic Zones (SEZ) – Significance of agriculture in budget of Maharashtra – Issue of farmers suicide – Agricultural policy in Maharashtra.

UNIT-IV: Industrial Sector in Maharashtra: (12 Lectures)

Industrial development in Maharashtra since 1960 – Industrial policy of Maharashtra 2001 and 2006 – Major manufacturing industries – Important ratios of industrial groups in Maharashtra – Incentives and promotions to various industries in Maharashtra – Strengths of Maharashtra for industrial development – Strategy for industrial development in Maharashtra – Industrial disparity in Maharashtra – Future strategy – The role of MIDC, SICOM, MSFC in industrial development – Foreign Direct Investment (FDI) in Maharashtra since 1991.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEOCMC604	ECONOMY OF MAHARASHTRA: PAPER-II	4	100

UNIT-I: Infrastructure in the Economy of Maharashtra : (12 Lectures)

Importance of infrastructure in economic development – Sources of energy – Power generation – Existing capacity – Power crises – Development of roads – Rail transport – Water transport – Civil aviation – Irrigation projects – Health and education facilities in Maharashtra.

UNIT-II: Service Sector in Maharashtra: (12 Lectures)

Role of service sector in the economy of Maharashtra – Structure of sector-wise income in the economy of Maharashtra – Role of service sector in employment – Banking and finance and.

UNIT-III: Fiscal Policy of Maharashtra: (12 Lectures)

Structure and trends in revenue, Revenue expenditure and deficits – Plan and non-plan expenditure – Capital receipts and expenditure – structure of public debt of Maharashtra – Trends in the deficit – District Planning and Development Commission (DPDC) – Structure – Objectives – Functions – Process of district planning.

UNIT-IV: Human Development in Maharashtra: (12 Lectures)

Concept and importance – Comparison of HDI with other states in India – Region-wise HDI – Indicators of HDI – District-wise HDI in Maharashtra – Present situation and problems of weaker section in Maharashtra – Schemes of empowerment of weaker section in Maharashtra – Women empowerment in Maharashtra.

BIBLIOGRAPHY:

- 1) **JungaleMangala (2008)** : Maharashtra Arthvyavastha (Marathi), Prashant Publications, 17, Stadium Shopping Centre, Opp. State Bank, Jalgaon –age No. 9 to 19.
- 2) **Kurulkar R. P. (1997)** : Maharashtra Arthvyavastha (Marathi), Vidya Prakashan, Ruikar Marg, Nagpur. Page No. 153 to 179.
- 3) **Patil J. F. (2010)** : Suvarna Mahotsavi Maharashtra Badalati Arthvyavastha (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune-411002 Page No. 41 to 57.
- 4) **Pansare Govind (2012)** : Maharashtra Arthik Pahani – Paryayi Drushtikon (Marathi), Shramik Pratishthan, Red Plug Bldg., Bindu Chowk, Kolhapur, Page No. 159 to 195.
- 5) **Munagekar Bhalchandra (2003)** : The Economy of Maharashtra – Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
- 6) **World Bank (2002) India** : Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty.
- 7) **Maharashtra Rajya Niyojan Mandal (2002)** : Manav Vikas Ahawal, Maharashtra.
- 8) **Government of Maharashtra** : Economic Survey of Maharashtra, Various Issues.

INTRODUCTION TO ECONOMETRICS

Preamble: The objective of this course is to impart a basic understanding of econometrics. The student will be able to appreciate the theoretical basis of the subject. At the same time, it will enhance the student's ability to apply the theoretical techniques to the problems of the real world. Topics like forecasting have been introduced to impart this practical orientation

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOITEA505	INTRODUCTION TO ECONOMETRICS: PAPER-I	4	100

UNIT- I: Idea of a random variable

(10 Lectures)

- Concept of a random variable: Discrete and continuous
- Expected values of a random variable
- Variance of a random variable
- Discrete random variables: Bernoulli, Binomial, Poisson
- Continuous random variables: The normal distribution

UNIT - II: Jointly distributed Random variables

(10 Lectures)

- Joint and marginal distributions for bivariate random variables
- Conditional probability
- Conditional mean and variance
- Covariance

- Correlation and Partial correlation
- Central limit theorem (without proof)

UNIT- III: Statistical Inference

(12 Lectures)

- Point and interval estimation
- The Z distribution
- The Null and Alternate hypotheses and significance testing for mean using Z distribution when population variance is known
- The chi-square distribution and testing for sample variance with known population variance
- The F distribution and comparing sample variances
- The t distribution and hypothesis tests when population variance is unknown

UNIT - IV: Regression Analysis

(13 Lectures)

- Two variable regression model
- The concept of the PRF
- Classical assumptions of regression
- Derivation of the OLS estimators and their variance
- Properties of OLS estimators under classical assumptions, Gauss-Markov Theorem (without proof)
- Tests of Hypothesis, confidence intervals for OLS estimators
- Measures of goodness of fit: R square and its limitations, adjusted R square and its limitations

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOITEA605	INTRODUCTION TO ECONOMETRICS: PAPER-II	4	100

UNIT - I: Econometric Model Specification

(10 Lectures)

- Identification: Structural and reduced form
- Omitted Variables Bias
- Errors in measurement

- Endogeneity and Bias

UNIT- II: Failure of Classical Assumptions

(10 Lectures)

- Multi-collinearity and its implications
- Auto-correlation: Consequences and Durbin-Watson test
- Heteroskedasticity: Consequences and the Goldfeld -Quandt test

UNIT- III: Forecasting

(13 Lectures)

- Forecasting with a) moving averages b) linear trend c) exponential trend- CAGR
- Forecasting with linear regression
- Classical time series decomposition
- Measures of forecast performance: Mean Square Error and Root Mean Square Error
- Limitations of econometric forecasts

UNIT- IV: Linear Programming

(12 Lectures)

- Linear programming
- Dual of a linear programming problem
- Simplex method
- Transportation

BIBLIOGRAPHY:

1. Gujarati Damodar : Basic Econometrics,
2. Hatekar Neeraj (2009), Econometrics: The First Principles A Friendly Introduction
3. Kapoor V. k. (2011), Operations Research Problems & Solutions, sultan chand & sons
4. Lipschutz (Schaum Series) Theory and Problems of Statistics
5. Loomba Paul : An Introduction to linear programming.

EVALUATION OF ECONOMIC IDEAS

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEEIB505	EVALUATION OF ECONOMIC IDEAS: PAPER-I	4	100

UNIT – I: Pre-Classical School

(06 Lectures)

Mercantilism: Main features. Physiocracy: Natural Order, Tableau Economique, Taxation.

UNIT –II: Classical Period**(14 Lectures)**

Adam Smith: division of labour, theory of value, Capital Accumulation, Distribution, Views on international trade. David Ricardo: Theory of value, Theory of Distribution, Doctrine of Rent, Views on international trade. Thomas r, Malthus: Theory of Population. Karl Marx: Materialistic Interpretation of History, Theory of value, Surplus Value, Profit and Crisis of Capitalism.

UNIT – III: Reconstruction and Neo-Classical**(14 Lectures)**

Jevons, Menger, Walara, Boham Bawerk, Pigou: welfare economics
Marshall: Consumer’s Surplus, external and internal economies, Quasi Rent,
Schumpeter: Role of entrepreneur and innovation

UNIT – IV: Keynesian Ideas**(12Lectures)**

The aggregate economy, Liquidity Preference Theory and Liquidity Trap,
Marginal Efficiency of Capital, wage rigidities, underemployment equilibrium,
Role of Fiscal Policy: deficit spending and public works, Multiplier Principle

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEIIB605	EVALUATION OF ECONOMIC IDEAS: PAPER-II	4	100

UNIT –I: Economic Thought of Koutilya**(06 Lectures)**

Koutilya on Economic Policies, Welfare State, Principal of Taxation

UNIT –II:Economic Ideas of Dadabhai Naoroji, Ranade, Gokhale, R.C.Datt and**Agarkar****(14 Lectures)**

Dadabhai Naoroji’s Theory of Drain

Ranade’s case of Protection

G.K. Gokhale on development and welfare

R.C. Dutt on Imperialism, Land Tax and Public Finance

Gopal Ganesh Agarkar

UNIT – III: Economic Ideas of Phule, Gandhi and Ambedkar**(14 Lectures)**

Mahatma Phule's views on agriculture, reasons of farmer's poverty
Self Sufficient Village Economy, Appropriate Technology,
Containment of Wants, Bread Labour, Dignity of Labour, Trusteeship, Swadeshi,
Women Empowerment, Sarvodaya, Role of the State, Relevance of Gandhian Economic
ideas in present contest.

Ambedkar's case for state socialism, Problems of Rupee, Public Finance

UNIT – IV: Nobel Prize Winners in Economics

(12 Lectures)

Myrdal(1974), Robert A. Mundell(1999), A. K. Sen(1998),
Joseph Stiglitz(2001), Paul Krugman(2008)

BIBLIOGRAPHY:

1. B. R. Nanda, Gokhale (1977):: The Indian moderates and the British Raj, Delhi.
2. Bipin Chandra (ed) (1990): , Rande's Economic Writings, Gyan Publishing House, New Delhi
3. Economic Doctrine, Longman Group, London.
4. Encyclopaedia of Nobel Laureates, Eds.(2002) : R. Kapila and A. Kapila, Publisher Academic Foundation
5. Gandhi M.K., India of my Dreams, Navjeevan Publishing House, Ahmedabad
6. Ganguli B. N. (1977) : Indian Economic Thought, A 19 Century Perspectives, Tata McGraw Hill, New Delhi,
7. Kautilya , The Arthshastra (ed.), (1992): Rearranged Translated and Introduced by L. N. Rangrajan, Penguin Books, New Delhi,
8. M. D. Altekar, Gopal Ganesh Agarkar, Charitramtak Niband, (1930): Karnataka Press, Mumbai,.
9. R.P.Masani, Dadabhai Naoroji (1960): Publication Division, Government of India, Delhi,
10. Richard Tucker, Ranade and the Roots of Indian Nationalism (1977), Popular Prakashan , Bombay.
11. Seshadri G.B., Economic Doctrines, B.R. (1997): Publishing Corporation Delhi,.
12. The Collected Works of Mahatma Gandhi, Ministry of Information and Broadcasting (1958): GOI, Navajivan , Ahmedabad

INTERNATIONAL ECONOMICS: THEORY AND POLICY

Preamble: The course is designed to provide a general understanding of the fundamentals of international economic theory along with the current trends and tendencies of the global macro-economy and international relations. Thus, the principal objectives of the course are to secure a complete knowledge of international trade theories (old and new); to analyse trade policy tools and their effects; to understand international movements of factors and the most relevant destinations; to provide an overview of the working of foreign exchange markets; to introduce the main features of the international economic institutions and to enable an understanding of some of the economic crises in recent times so as to draw lessons from the same for developing countries like India.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOIEPC505	INTERNATIONAL ECONOMICS: THEORY AND POLICY: PAPER-I	4	100

UNIT-I: Trade Theories

(12 Lectures)

Inter-regional and International trade; Importance of international trade; Comparative Cost Theory; Heckscher-Ohlin Theory; Leontief's Paradox; Technological Gaps and Product Cycles; Linder's Theory of Trade; Emergence of intra-industry trade - Krugman's Model

UNIT-II: Trade Policy

(12 Lectures)

Case for Free trade and Protection; Tariffs- meaning and effects; Theory of Optimum Tariff; Non Tariff Barriers and their effects- Export Subsidies, Import Quotas, Voluntary Export Restraint, Dumping and Commodity Agreements; Strategic Trade Policy.

UNIT-III: Factor Movements and International Capital Flows (12 Lectures)

Factors determining labour and capital mobility; challenges and issues in outsourcing; Classification of International capital flows -(ECBs, short term borrowings and lending, FDI, FPI); social issues in international business- trade and environment, trade and labour issues; Global FDI trends and prospects

UNIT-IV: Foreign Exchange Market (12 Lectures)

Meaning and functions of foreign exchange markets; Spot and forward exchange markets including hedging, speculation and arbitrage .

Exchange rate theories-Purchasing Power Parity Theory, Balance of Payments Theory; Emergence of floating exchange rates; Exchange rate management in India; exchange rate risk.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOIEPC605	INTERNATIONAL ECONOMICS: THEORY AND POLICY: PAPER-II	4	100

UNIT-I: Balance of Payments (12 Lectures)

Structure of Balance of Payments; Disequilibrium in BOP –Deficit and Surplus; Types and Causes of Disequilibrium; Measures (Monetary and Non-Monetary) to Correct Disequilibrium in the BOP; Marshall- Learner Conditions.

UNIT-II: International Economic Institutions (12 Lectures)

IMF- financing facilities and policies, SDR, Conditionality.

WTO- functions, objectives and principles; Agreements with respect to TRIPS, TRIMS, GATS.

UNIT-III: Economics of Integration (12 Lectures)

Forms; Objectives of Economic Integration; Theory of Customs Union-Trade Creation and Trade Diversion effects; Cartels; Trade Blocs- ASEAN, EU, NAFTA, SAARC; Regionalism Vs Multilateralism.

UNIT-IV: Economic crisis and lessons (12 Lectures)

Concepts of financial liberalization and globalization; Currency Crisis- Meaning and effects with reference to East Asian currency crisis; European Monetary Union and the Euro Area Debt Crisis - Restructuring sovereign debt: challenges and issues; Global Financial Crisis (2007-09).

BIBLIOGRAPHY:

1. Appleyard Dennis and Alfred j Field, Jr, *International Economics*, 2001, 4th Edition, Tata McGraw-Hill Education Private Limited
2. *Asian Currency Crisis: perspective and implications*, (2005), The ICAI University Press.
3. Bhagwati, Jagdish, Arvind Panagariya, and T.N Srinivasan, (2004), “The muddles over outsourcing”. *Journal of economic perspectives*, 18(4): 93-104
4. Bharti Pathak: *Indian Financial System*
5. Cherunilam Francis, *International Economics*, 2009, 5th Edition, Tata McGraw-Hill Education Private Limited, New Delhi
6. Eichengreen, Barry (2003). “Restructuring sovereign debt”. *Journal of Economic Perspectives*, 17(4): 75-98
7. H.R.Machiraju, ‘*International Financial Markets and India*’, Second Edition, New Age International (P) Ltd, Publishers (Chapter 9)
8. Jhingan, M.L., *International Economics*, 2009, 6th Revised and Enlarged Edition, Vrinda Publications, New Delhi
9. Joseph Stiglitz (2002), ‘*Globalization and its discontents*, Penguin books (chapter 4,8 & 9)
10. Kaminsky, Graciela L, Carmen M. Reinhart, and Carlos A. Vegh, (2003), “The unholy trinity of financial contagion.” *Journal of Economic Perspectives* 17(4): 51- 74
11. Lane, Philip R, (2006), “The real effects of European Monetary Union.” *Journal of Economic Perspectives*, 20(4): 47-66
12. Krugman R Paul, Maurice Obstfeld, *International Economics Theory and Policy*, 2009, 8th Edition, Pearson
13. Salvatore, Dominick, *International Economics*, 2008, 8th Edition, Wiley India
14. Sodersten, Bo and Geoffery Reed, *International Economics*, 2006, 3rd Edition
15. S. AshokKumar, ‘*Global financial and Indian economy*’ , New Century Publications, New Delhi (chapter 6 & 7)

16. UNCTAD World Investment Report, 2011
17. V.A. Avadhani, 'International Finance', (2009), Himalaya Publishing House
18. Vasant Desai, Indian Financial System

ECONOMICS OF GENDER AND DEVELOPMENT

Preamble: Gender biases in societal practices and development policies have resulted in persistent gender inequalities. It is increasingly being realized that mitigating such inequalities and enhancing women's capabilities and entitlements are crucial to the overall development of the country. This paper would provide students an understanding of the nature of the economic role of women and their contribution to the national economy.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEGDD505	ECONOMICS OF GENDER AND DEVELOPMENT-PAPER-I	4	100

UNIT- I: Introduction

(Lectures-12)

Importance and concepts of women studies – Women in patriarchal and matriarchal societies. Economic basis and functioning of patriarchy in developed and LDCs- particularly India; Gender bias in the theories of value, distribution, and population. Feminist Criticism of Development Indices and WID-WAD-GAD, Visibility of Women in Statistics & indicators.

UNIT- II: Demographic Aspects

(Lectures-12)

Demography of female population: Age structure, mortality rates, and sex ratio- Causes of declining sex ratios and fertility rates in LDCs and particularly India - Theories and measurement of fertility and its control; Women and their access to nutrition, health, education, and social and

community resources, and their impact on female mortality and fertility, economic status, and work participation rate.

UNIT- III: Conceptualization of Women’s Work (Lectures-12)

Concept and analysis of women’s work: Valuation of productive and unproductive work; visible and invisible work; paid and unpaid work; economically productive and socially productive work. Defining the unpaid work, Measuring the worth of home maker using – opportunity cost, replacement cost, partnership method.

UNIT- IV: Women in Decision Making (Lectures-12)

Factors affecting decision making by women; property rights, access to and control over economic resources, assets; power of decision making at household, class, community level; Economic status of women(in the urban & rural context) and its effect on work-participation rate, income level, health, and education in developing countries and India.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEGDD605	ECONOMICS OF GENDER AND DEVELOPMENT-PAPER-II	4	100

UNIT- I: Women and Labour Markets (Lectures-12)

Factors affecting female entry in labour market: supply and demand for female labour in developed and developing countries, particularly India - Wage differentials. Determinants of wage differentials: gender, education, skill, productivity, efficiency, opportunity, structure of wages across regions and economic sectors.

UNIT- II: Women, Technology and Environment (Lectures-12)

Impact of technological development and modernization on women’s work participation in general and agriculture, non-agriculture rural activities, small and cottage industries and organized industry – Role of new technologies for helping women. Globalisation & women

UNIT- III: Social Security and Social Protection for Women (Lectures-12)

Social security of women: entitlements, ensuring economic independence and risk coverage, access to credit and insurance markets; Role of voluntary organizations, self help groups in providing social security. Schemes for safety net for women – for formal & informal sectors;

Need for female labour unions; affirmative action for women and improvement in their economic and social status.

UNIT- IV: Gender Planning, Development Policies and Governance (Lectures-12)

Gender and development indices; mainstreaming gender into development policies; Gender-planning techniques; Gender sensitive governance; Paradigm shifts from women's well being to women's empowerment; Concept of women empowerment, Democratic decentralization (Panchayats) and women's empowerment in India.

BIBLIOGRAPHY:

1. Agarwal, B. (1994). *A Field of One's Own: Gender and Land Rights in South Asia*, Cambridge Univ. Press, Cambridge.
2. Amsden, A.H. (ed.). (1980). *The Economics of Women and Work*, Penguin, Harmondsworth
3. Baud, I.S.A. (1992). *Forms and Production and Women's Labour: Gender Aspects of Industrialization in India and Mexico*, Sage Publications, New Delhi.
4. Boserup, E. (1970), *Women's Role in Economic Development*, George Allen and Unwin, London
5. Desai, N. and M. K. Raj (Eds.) (1979), *Women and Society in India*, Research Centre for Women Studies, SNDT University, Bombay.
6. Government of India (1974), *Towards Equality-Report of the Committee on the Status of Women in India*, Department of Social Welfare, Ministry of Education and Social Welfare, New Delhi
7. Jhabwala, R. and R.K. Subramanya (eds.). (2000). *The Unorganized Sector: Work Security and Social Protection*, Sage Publications, New Delhi.
8. Krishnaraj, N., R. M. Sudarshan and A. Shariff (1999), *Gender, Population and Development*, Oxford University Press, New Delhi.
9. Narasimhan, S. (1999). *Empowering Women: An Alternative Strategy from Rural India*, Sage Publications, New Delhi.
10. Patel, Vibhuti (2002) *Women's Challenges of the New Millennium*, Gyan Publications, Delhi

11. Purushothaman, S. (1988). *The Empowerment of Women in India: Grassroots Women's Network and the State*, Sage Publications, New Delhi
12. Seth, M (2000), *Women and Development; The Indian Experience*, Sage Publications, New Delhi.

REGIONAL ECONOMICS

Preamble: It is being increasingly recognized that market forces do not result automatically in regionally balanced development of economics. For effective and meaningful intervention to pull up economically and socially the less developed regions, it is necessary to understand the dynamics of regional development. This paper attempts to teach to the students the dynamics of regional development right from the meaning and concepts related to regional development to a broad overview of the techniques of regional analysis.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOREEE505	REGIONAL ECONOMICS -PAPER-I	4	100

UNIT-I: Introduction: (12 lectures)

Need for study of regional economics, definition of region. Different types of region, difference between region and a nation, regional income, problems of estimation, indicators of regional development.

UNIT-II: Models of Regional Growth: (12 lectures)

Export Base Models, neoclassical Models, cumulative Causation Models, econometric model. Input Output Models, Multi sector Models and Regional development Planning.

UNIT-III: Space and Regional Growth: (12 lectures)

Location and Regional growth, Transportation and regional growth, income potential and gravity trade models, The role of Cities in regional development, Regional growth theories and growth poles, competitive versus generative growth.

UNIT-IV: Factor mobility in Regional Economy: (12 lectures)

Interregional Migration, Mobility of capital, spatial diffusion of innovation and technical progress, the mobility of managerial talent.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOREEE605	REGIONAL ECONOMICS -PAPER-II	4	100

UNIT-I: Inter-regional Trade: (12 lectures)

The basis of interregional trade, regional trade and factor price equalization, regional trade and factor migration, regional balance of payments problems

UNIT-II: Theories of Spatial Development: (12 lectures)

Integration of Regional and urban Economics, Regional dispersions of national growth, Intra regional concentration, Urban Decentralization .

UNIT-III: Regional Investment: (12 lectures)

Determinants of Regional investment, A Markov Chain Models of Interregional savings and capital growth.

UNIT-IV: Elements in a Spatial Growth Theory : (12 lectures)

Locational constants, Measurements of Agglomeration economies location Preferences, social and political factors in regional growth.

References:

1. Harry W Richardson – Elements of Regional Economics, penguin modern Economic Text.
2. Harry W Richardson (1969), Regional Economics location Theory, urban structure and regional change, Weidenfeld and Nicolson, 5 Winsley street Londor: W1
3. Harry W Richardson (1973), Regional Growth Theory, Macmillan.
4. Harvey Armstrong and Jim Taylor (1978), Regional Economic Policy and its Analysis, First Edition, Philip Allan Publishers limited Oxford OX5 4SE.

CORPORATE FINANCE

Preamble: The course is elementary and comprehensive with a focus on potential applications. Theory will sketched out and problems solved in detail. The objective is to provide graduates with the operational concepts required for a career as corporate economists. Study material consists of the best international texts now available in accessible editions.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOCOFA506	CORPORATE FINANCE-PAPER-I	3	100

UNIT-I Overveiw of Corporate Finance

(12 lectures)

Corporate Finance: Meaning, Principles and Goals - Agency Problem and the Control of the Corporation (Corporate Governance) - Role and functions of a

Financial Manager – Forms of b Business Organization: Sole Proprietorship, Partnership, Corporation.

UNIT-II Sources of Corporate Finance (12 lectures)

Equity Capital – Internal Accruals – Preference Capital – Term Loans – Debentures– Different Types of Bonds – Hybrid Financing.

UNIT-III Capital Budgeting & Investment Decisions (10 lectures)

Capital Budgeting: Meaning, Features and Significance - Time value of money - Capital Budgeting Techniques: Simple Pay Back Period (PBP), Discounted Pay Back Period (PBP) and Comparison between them, Average Rate of Return (ARR).

UNIT-IV Modern Methods of Capital Budgeting: (10 lectures)

Net Present Value (NPV) and Internal Rate of Return (IRR) - Comparison between NPV and IRR methods – Profitability Index.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOCOFA606	CORPORATE FINANCE-PAPER-II	3	100

UNIT-I Dividend Policy: (12 lectures)

Meaning of Dividend and Dividend Policy – Reasons for Paying Dividends – Constraints on Dividend Policy – Payout Controversy (Relevance/Irrelevance of Dividends) - Alternatives to Cash Dividends: Scrip Dividends (Bonus Shares), Stock Repurchases and Stock Splits.

UNIT-II Financial Statements: (10 lectures)

Financial Statement: Basic Concepts, Composition of Balance Sheet, Income Statement and Cash Flow Statement.

UNIT-III Ratio Analysis: (10 lectures)

Ratio Analysis: Meaning, Significance and Limitations of Ratio Analysis –Types of Ratios: Liquidity Ratios (Current, and Quick/Acid Test) - Turnover or Asset Management Ratios (Inventory Turnover, Fixed-Asset Turnover and Total Assets Turnover) - Debt Management or Financial Leverage Ratios (Debt and Debt-Equity) and Profitability Ratios (Gross Profit Margin, Net Profit Margin, Return on Total Assets and Return on Equity).

UNIT-IV Market for Corporate Securities:

(12 lectures)

Meaning and Significance of Capital Market – Structure of Capital Market in India - Recent Developments in the Primary Segment and the Secondary Segment of the Indian Capital Market – Debt Market in India – Role of SEBI in Regulation of Capital Market.

BIBLIOGRAPHY:

1. Bodie, Z. et al. (2009), Financial Economics, Pearson Education, New Delhi.
2. Bhattacharya, D. (2011), Management Accounting, Pearson Education, New Delhi.
3. Brealy, Meyer; Principles of Corporate Finance, 8th edition, Tata-McGraw-Hill Publishing Co. Ltd.: New Delhi .
4. Chandra, Prasanna [2008]: Fundamentals of Financial Management: Theory and Practice, (7TH Edition), Tata McGraw–Hill Publishing Co. Ltd.: New Delhi.
5. Damodaran, Aswath [2007]: Corporate Finance Theory & Practice, Wiley Series in Finance: New York.
6. Ehrhardt, M. C. and E. F. Brigham (2003), Corporate Finance: Focused Approach; Cengage Learning (India Edition), New Delhi.
7. Megginson, W. L., S. B. Smart and L. G. Gitman (2007), Principles of Corporate Finance, Cengage Learning, New Delhi.
8. Pathak Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
9. Pandey, I. M. (2011), Financial Management (10th Edition), Vikas Publishing House, New Delhi.
10. Rustogi, R. P. [2005]: Financial Management, Galgotia Publishing Co., New Delhi.

11. Ross, S. A., R. W. Westerfield, and B. D. Jordan (2008); Fundamentals of Corporate Finance, Tata McGraw-Hill Publishing Company, New Delhi.

EXPORT MANAGEMENT

Preamble : India is fast emerging as prominent exporter in rapidly expanding world market as a result of several promotion measures of the Government of India and its protracted efforts to shift the emphasis from traditional and non traditional items to suit the sentiments of foreign markets. The course provides a deep understanding about the broad principles and concepts students to preparing the relevance trade agreements, tapping foreign markets, export pricing finance export promotion and documents and procedures incentives the contents of the paper spread over different UNIT-s.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEXMB506	EXPORT MANAGEMENT- PAPER-I	3	100

UNIT-I Significance of Export

(12)

- a) Export Management as a profession, nature and scope of export management, functions and qualities required by an export manager, composition and direction of exports of India since 1991.

UNIT-II Production Design Strategies (12)

Product design strategy, product development process, product positioning, branding and its significance, brand piracy.

UNIT-III Regulation of Foreign Trade (12)

Meaning and Objectives of Tariff and non tariff barriers quotas changes in tariff and non tariff barriers since 1991.

UNIT-IV International Trade agreement (12)

International Trade Agreement WTO-SAARC-ASEAN UNCTED-EU-BRICS

References:

1. Bhattacharya B (1993) Export marketing strategies for success. Global business Press Delhi.
2. Balagopal T.A.S. (1989) Export management Himalaya publishing House Mumbai. 4
3. Latif M Ahmed, Tiwari (19914) Export management Chetana Prakashan Mumbai 4
4. Mehtab Ahmed T.,L.Tiwari S.S. Aware Vijay Khare, S.V. Sant (1995) Export marketing, Sheth Publishers Ltd. Mumbai 4
5. P.K.Khurana (2005) Export management Galgotia Publishing Company 6A/4 W.E.A. Karol Bagh New Delhi 110005
6. Michael Vaz (1992) Export Management Manan Prakashan Mumbai 400 057
7. N.G.Kale (2005) Export Management , Vipul Prakashan, Girgaon Mumbai 4
8. V.H.Kripalani (1987) International marketing prentice Hall of India Private Ltd. New Delhi.
9. R.B.I.'s Annual Reports
10. Twelfth Five year plan document

EXPORT MANAGEMENT

Preamble : India is fast emerging as prominent exporter in rapidly expanding world market as a result of several promotion measures of the Government of India and its protracted efforts to shift the emphasis from traditional and non traditional items to suit the sentiments of foreign markets. The course provides a deep understanding about the broad principles and concepts students to preparing the relevance trade agreements, tapping foreign markets, export pricing

finance export promotion and documents and procedures incentives the contents of the paper spread over different UNIT-s.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOEXMB606	EXPORT MANAGEMENT- PAPER-II	3	100

UNIT-I Tapping Foreign Market **(12)**

Tapping Foreign Markets, Trade delegation-Trade Authority of India, Exhibition-Trade through Trade Fairs & Festivals ITPO Maintaining Foreign Office.

UNIT-II Export Pricing **(12)**

Export Pricing-Meaning, Objectives, Cost Factors – Pricing Strategies – Export assistances – calculation of FOB.

UNIT-III Export Finance & Export Promotion **(12)**

Pre-shipment & Post Shipment Finance – Bank assistance - ECGC , Exim Bank, Liberalized exchange rate mechanism (Lerms) Export promotion Bank assistance & Incentives – EPZ , Commodity Boards. Role of STC & MMTC.

UNIT-IV Export Document & Incentives **(12)**

- A) Letter of credit, its mechanism, types and utility, certificate of origin, shipping bill, Mate's receipt, bill of lading, shipping forwarding insurance customs inspection banking procedure .
- B) Incentives to Indian exporters since 1991.

References:

1. Bhattacharya B (1993) Export marketing strategies for success. Global business Press Delhi.
2. Balagopal T.A.S. (1989) Export management Himalaya publishing House Mumbai. 4
3. Latif M Ahmed, Tiwari (19914) Export management Chetana Prakashan Mumbai 4
4. Mehtab Ahmed T.,L.Tiwari S.S. Aware Vijay Khare, S.V. Sant (1995) Export marketing, Sheth Publishers Ltd. Mumbai 4
5. P.K.Khurana (2005) Export management Galgotia Publishing Company 6A/4 W.E.A. Karol Bagh New Delhi 110005
6. Michael Vaz (1992) Export Management Manan Prakashan Mumbai 400 057
7. N.G.Kale (2005) Export Management , Vipul Prakashan, Girgaon Mumbai 4

8. V.H.Kripalani (1987) International marketing prentice Hall of India Private Ltd. New Delhi.
9. R.B.I.'s Annual Reports
10. Twelfth Five year plan document

ENVIRONMENTAL ECONOMICS

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOENEC506	ENVIRONMENTAL ECONOMICS- PAPER - I	3	100

Unit –I Introduction to environmental economics:

12

Meaning, nature, Scope and Significance of Economics of Environment-Economic Development and the Environment- Common Property Resources and their depletion, Ecosystems – Sustainable development.

Unit - II Environmental policy in India and environment protection

12

Environmental Policy in India- Environment protection laws in India, Central pollution Control Board, State Pollution Control Boards Local Bodies and Environment protection. Role of Public / Government, Private and Co-operative Sectors in Environment Protection - Role of NGOs,

Unit- III- Environmental Problems: 12

Rural and Urban environmental problems – Population and the Environment- Housing and Slums and the environment-Poverty and the Environment.-Importance of Environment in poverty Assessment - Environment and Health.

Unit-IV- Measurement of Environmental Values 12

Environmental Valuation- Total Economic value-use value, non-use value, option value, bequest value – Valuation Technique: Travel Cost Method. Hedonic Price Method, shadow pricing. Direct methods: Contingent Valuation Method.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOENEC606	ENVIRONMENTAL ECONOMICS- PAPER - II	3	100

Unit-I Environmental Accounting- 12

Environmental Accounting: Pollution Expenditure Accounting-Physical Accounting-Green Indicators-SEEA and ENRAP- Integration of Environmental Accounts with System of National Accounts.

Unit- II- Environmental Pollution: 12

Types of pollution: Air-water-noise: causes, effects and controlling measures-land use and soil degradation- Environmental Degradation: Causes and Effects

Unit-III - Environmental Education: 12

Environmental education and sustainable development – Environment education in India- Role of environment education in controlling pollution-Millennium Development Goals: Problems in Attainment

Unit-IV - Global Environmental Issues:

12

WTO and environment - World Bank and the environment- Polluter pays principle – trade and environment- Climate Change- Energy Security- International attempts to protect the environment: Movements, Laws, and- Agreements.

References

1. Environmental Education in India, (2002) Association of Indian Universities, New Delhi.
2. Klarman, H E, (1965), The Economics of Health, Columbia University Press, New York
- 3 Katar Singh and Anil Shishodia, 2007, Environmental Economics Theory and Practice, Sage Publications, New Delhi. Ch. 4,5 and 6.
- 4 Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
- 5 Hanley, Shogren & White (2004), Environmental Economics in Theory and Practice, Macmillan India limited, Delhi.
- 6 Environmental Education in India, (2002) Association of Indian Universities, New Delhi.
7. Klarman, H E, (1965), The Economics of Health, Columbia University Press, New York
- 8 Ulganathan Sanker, 2009, Environmental Economics, OUP, New Delhi. Ch. 8 and 9.
- 9 N Das Guptha, 1997, environmental Accounting, Wheeler and Co, New Delhi. Ch. 1 to 6
- 10 Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
11. U.Shankar (Ed)(2001), Environmental Economics , Oxford University Press, New Delhi.
12. Hanley, Shogren & White (2004), Environmental Economics in Theory and Practice, Macmillan India limited, Delhi.
13. Kolstad, C.D. (1999), Environmental Economics, Oxford University Press, New Delhi.
14. Bhattacharya R.N. (Ed), (2001), Environmental Economics, Oxford University Press, New Delhi.
15. ESCAP (1997), Accounting and Valuation of Environment- A primer for developing countries, Vol., I, United Nations, New York

COMPUTER APPLICATION FOR ECONOMIC ANALYSIS

Preamble : In the present era of information technology use of computers has become indispensable in higher education . The proposed syllabus intends to introduce students to the foundations of computing, programming and problem-solving and basic programming skills. Further it also is expected to acquaint the students with applications which are relevant to Economics.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOCAED506	COMPUTER APPLICATIONS TO ECONOMIC ANALYSIS - PAPER - I	3	100

UNIT I: Basics of a Computer System

(15 lectures)

- i. Characteristics of Computer System, Evolution of Computers - Generations, Types of computers.
- ii. Merits and Demerits of a computer system.
- iii. Basic components of a Digital Computer - Control Unit, ALU, Input / Output devices and Peripheral devices.
- iv. Computer Languages: Machine language, Assembly language and High level language.

UNIT II: Operating System (10 lectures)

- i. Operating System and Netware: DOS, UNIX , Windows, LAN and WAN
- ii. Basic concepts of Internet: Modem, e-mail, Websites, Address, Domain, Protocols, Types of accounts, Search engines, Browsing Web ,Telnet, Usenet, AOL.
- iii. Online sources of data . iv. Powerpoint presentation.

UNIT III: Basics of MS-Office: MS-Word (10 lectures)

The MS-Word window, Entering, Selecting, Copying and moving text, Applying fonts and indenting text, creating numbering and bullets, Finding and replacing text, Spelling, grammar and thesaurus, Creating Page headers and footers, Constructing tables and Mail merge.

UNIT IV : Basics of MS-Office : MS- Excel Skills (10 lectures)

Entering and editing cell entries, Working with numbers, Changing the worksheet layout, Formatting text, borders and color, Printing in MS-Excel, Using functions and references, Naming ranges.

References:

1. MS Office 2007
2. Gupta Vikas : Comdex Computer Course Kit (XP Edition), dreamtech, 2006 (reprint)
3. Shroff Rustom: Computer Systems and Applications
4. Crumlish Christian : The ABC's of the Internet, BPB Publications
5. Chivers Barebara and M.Shoolbred : A Student's Guide to Presentations

COMPUTER APPLICATION FOR ECONOMIC ANALYSIS

Preamble : In the present era of information technology use of computers has become indispensable in higher education . The proposed syllabus intends to introduce students to the

foundations of computing, programming and problem-solving and basic programming skills. Further it also is expected to acquaint the students with applications which are relevant to Economics.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOCAED606	COMPUTER APPLICATIONS TO ECONOMIC ANALYSIS - PAPER - II	3	100

UNIT I: Charting in MS-Excel: (10 lectures)

Creating Charts ,Graphical representation of data ,Representation of Economic relationships: Demand curve, Supply curve, Cost curves, Revenue curves, Consumption function, Savings function and Production function.

UNIT II: Advanced Excel : (10 lectures)

Functions in Excel, Sorting and filtering of data, Creating Sub- totals,Using a data form, Creating Pivot tables, Using and creating MS-Excel templates, Linking workbooks.

UNIT III: Data analysis: (10 lectures)

Preparation of frequency distribution ,calculation of Mean,Standard deviation, Coefficient of variation, Correlation coefficient ,Regression coefficients, Trend line using method of least squares and Moving averages.

UNIT IV : MS-Access: (15lectures)

Planning and creating tables , Creating and using forms, Working with external data, creating relational database , Enhancing form design, Creating Queries, Producing reports.

References:

1. MS Office 2007
2. Access 2007 InsideOut-John L. Viescas,Jeff Conrad (PHI)
3. MicrosoftOffice Access 2007 –Introductory –LindaO’Leary (TMH)
4. MicrosoftOffice Access 2007QuickSteps-John Cronan (TMH)
5. Data Analysis with Access 2007 –Larry Rockoff-Course Technology PTR

ENTREPRENEURSHIP AND SMALL INDUSTRIES MANAGEMENT

Preamble:-Entrepreneurship is the ‘Engine of economic development.’ This paper is revised keeping in view dynamic nature of the education system, which would create global competence, training, skill development and motivation among the young learners to become a successful entrepreneur. The paper should be taught and learnt by using participatory methods of teaching – learning like case studies, role plays, exhibitions, interviews, group discussions, review of articles, preparation of business plans, surveys etc. Industrial, Institutional and / or field visits should also be arranged for the project work of internal assessment. As this is an Applied Component Paper, the College should encourage creation of Entrepreneurship Development Cell in the college run by the concerned teacher teaching this paper and the students opting for this paper. This would enable the learners to learn actual applications of the concepts by doing activities like setting up of stalls of social entrepreneurship and showcase the articles made by the specially challenged people.

SEMESTER – V

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOESIE506	ENTREPRENEURSHIP AND SMALL INDUSTRIES’ MANAGEMENT-PAPER- I	3	100

Unit –I Entrepreneurship:

(12 Lectures)

Concept of an entrepreneur and entrepreneurship, Role and functions of entrepreneurs in economic development, Factors influencing entrepreneurship, Qualities of an entrepreneur, Management Skills of entrepreneurs:-

- a) Decision making
- b) Communication skills
- c) Time management

Motivation and Entrepreneurship.

Unit – II Getting ready for a new Venture: (11 Lectures)

Project Identification, Selection and Formulation, Project Report

Sources of Finance for a Business, Types of Capital: Fixed Capital and Working Capital

Sources and Management of Working Capital, SWOT Analysis

Unit – III Regulatory Framework For Entrepreneurship: (11 Lectures)

Factories Act, Employees' Provident Fund Act, Employees' State Insurance Act, Industrial Disputes Act, Minimum Wages Act, Workmen 's Compensation Act,

Maternity Benefits Act, Intellectual Property Rights (Patents, Copy Rights and Trade Marks)

Case Studies

Unit – IV Entrepreneurial Training, Growth and Development (11 Lectures)

Entrepreneurial Training and Development (Institutions like MCED - Maharashtra Centre for Entrepreneurship Development, National Skill Development Corporation)

Growth of entrepreneurship in India. (Case studies)

Concept, Growth and Challenges of Women Entrepreneurship (Case Studies)

Challenges of Rural Entrepreneurship. (Case studies)

Bibliography:-

- 1) Khanka C.S., Entrepreneurial Development, S. Chand and Company
- 2) Gupta C.B. , Entrepreneurial Development, S. Chand and Company
- 3) Sarvate Dilip, Entrepreneurial Development, Concepts and Practices, Everest Prakashans.
- 4) Rathore B.S., Entrepreneurial Opportunities in Modernising Economy , Abhishek Publications.
- 5) Desai Vasant, Dynamics of Entrepreneurial Development and Management, Himalaya Publications.
- 6) Lall Madhumira and Sahai Shikha, Entrepreneurship, Excel Books
- 7) Mcdaniel Bruce A., Entrepreneurship and innovation- An Economic Approach, M.E.SHARPE, INC.
- 8) Sarvate Dilip, Entrepreneurship and Project Management; Text and Cases, Everest Publications

- 9) Bhandari Ramesh, Entrepreneurship and Women Empowerment, Alfa Publications.
- 10) Seth Amita, Entrepreneurship and E Business Development for Women, ALB Books
- 11) G.Barani, Performance of Women Entrepreneurs, Serials Publications New Delhi
- 12) Singh P.N. and Saboo J.C., Entrepreneurship Management, P.N.Singh Centre
- 13) Tiwari Sanjay and Tiwari Anushija, Entrepreneurship Development in India, Swarup and Sons.

Weblography:-

- 1) www.ediindia.ac.in
- 2) www.uniteforsight.org/
- 3) www.entrepreneurship.org/
- 4) www.microfinancegateway.org at
- 5) ruralcommunitybuilding.fb.org
- 6) www.masschallenge.org/
- 7) www.iupindia.in/Entrepreneurship_Development.asp

ENTREPRENEURSHIP AND SMALL INDUSTRIES MANAGEMENT

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activities like setting up of stalls of social entrepreneurship and showcase the articles made by the specially challenged people.

SEMESTER – VI

COURSE CODE	PAPER TITLE	CREDITS	MARKS
GROUP-II	ELECTIVE PAPERS		
ECOESIE606	ENTREPRENEURSHIP AND SMALL INDUSTRIES' MANAGEMENT-PAPER- II	3	100

Unit – I Small Scale Industries: (12 Lectures)

Meaning and Scope of Small Scale Industries, Forms of Business Organisations,

a) Sole Proprietorship b) Partnership c) Joint Stock Company d) Cooperatives

Registration of Small Scale Industries, Problems faced by Small Scale Industries,

Unit – II Management of Small Scale Industries (11 Lectures)

Fundamentals of Management, Productions and Operations Management

Marketing Management, Human Resources Management, Total Quality Management

Unit – III International Trade and Small Scale Industries (11 Lectures)

Role of SSI in International Business, Export Documents and Procedures for Small Business,

Export Performance and Trends of Small Enterprises, (Case Studies)

Major Constraints in Export Performance, Export Potential of Small Scale Industries

Unit – IV (11 Lectures)

Incentives offered to Small Scale Industries, Changes in Small Scale Industries post New

Economic Policy of 1991, Major promotion agencies

a) SIDBI, b) KVIC, c) SISI , Role and Growth of E- Business for SSI (Case Studies)

Bibliography:-

1) Batra G.S, Dangwal R.C.- Entrepreneurship and Small Scale Industries New Potentials – Deep & Publications 1999.

2) Dhar P.N. and Lydall H.F.- Role of Small Industries in India's Economic Development, Asia Publication Mumbai.

3) Murthy C.S.V. Small Industries & Entrepreneurship Development, Himalaya Publications

4) S. Shiva Ramu 'Export Marketing – A Practical Guide for exporters, whether publishing

- 5) Khushpat S. Jain 'Export Import Procedures & Documentation' Himalaya Publishing House
- 6) Saini J.S. Entrepreneurial Development, Programme & Practice - Deep Publications (2003)
- 7) Khanka C.S., Entrepreneurial Development, S. Chand and Company
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- 9) Desai Vasant, Dynamics of Entrepreneurial Development and Management, Himalaya Publications.
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- 12) Seth Amita, Entrepreneurship and E Business Development for Women, ALB Books

Weblography:-

- 1) www.meedcenter.org/
- 2) www.solar-aid.org/
- 3) www.usf.vc/india
- 4) www.universalgiving.org/
- 5) www.score.org

QUESTION PAPER PATTERN

(Semester End Examination: 60 Marks for 2 hours)

- Note:
1. All questions are **COMPULSORY**
 2. Each question carries 15 marks.
 3. Draw neat diagrams wherever necessary

- Q1. Answer ANY TWO of the following: (From Unit-I) 15 Marks
- A
B
C
- Q2 .Explain ANY TWO of the following: (From Unit-II) 15 Marks
- A
B

C

Q3. Attempt ANY TWO of the following: (From Unit-III)

15 Marks

A

B

C

Q4. Explain ANY TWO of the following: (From Unit-IV)

15 Marks

A

B

C
