

SEMESTER I

DEPARTMENT OF ECONOMICS
MC
Semester – I **4 Credits**
COURSE CODE: EC1806
COURSE TITLE: MICRO ECONOMIC THEORY – I

Objectives

- i. To get familiarity with the basic concepts pertaining to consumer and product markets.
- ii. To update the recent developments in micro economic theories.

Unit I

Definitions, methods and laws of economics – functions of economic systems – static and dynamic analysis (12 hours)

Unit II

Consumption: Marshallian and Hicksian utility analysis – Derivation of demand curve (Samuelson, Hicks) (12 hours)

Unit III

Choice under certainty – Neumann-Morgenstern Utility theory the Friedman Savage Hypothesis –The Markowitz Hypothesis (12 hours)

Unit IV

Production and costs: Variations in factor proportions – variations in scale – meaning of production functions – costs curves under different periods – cost minimization. (12 hours)

Unit V

Market structure: Perfect competition, monopoly and monopolistic competition – Existence, Uniqueness and stability of equilibrium: Walras and Marshall (12 hours)

References:

1. Breit, W and Hochman, H M, Readings in Micro Economics, 2000
2. Wagner, L and Baltazzis, N, Reading in Applied Micro Economics, 1973
3. Kieffer, R J and Spector, L C, Applying Micro Economics Principles, 1979
4. Blair, R D and Kenny, L W, Micro Economics for Managerial Decision Making, 1982
5. Mansfield, E., Micro Economics: Theory and Applications, 1982
6. Chopra, P N., Micro Economics, 1986
7. Hey, J D., Current Issues in Micro Economics, 1989
8. Baumol, William J., “Economic Theory and Operations Analysis”, New Delhi: Prentice Hall of India, 1978.
9. Boulding, Kenneth E and George J Stigler (Eds), “Readings in Price Theory (American Economic Association), London: George Allen and Unwin Ltd, 1952.
10. Cohen, K. J. and R M Cyert., “Theory of Firm: Resource Allocation in a Market Economy” , New Delhi: Prentice Hall of India 1976.

11. Feguson, C E Johr P Gold Jr and Edward P Lazear, "Microeconomic Theory" Homewood, Illinois: Richard D Irwin, Inc, 1989.
12. Hicks, J R., " A Revision of Demand Theory", London: Oxford University Press, 1956.
13. Koutsoyiannis A, "Modern Micro Economics", Singapore, the Mac Millan Press 2000
14. S.K. Misra and V.K. Puri, "Advanced Micro Economic Theory", ed. 2001

DEPARTMENT OF ECONOMICS
MC
Semester – I **4 Credits**
COURSE CODE: EC1807
COURSE TITLE: MACRO ECONOMIC THEORY – I

Objectives

To instruct what is established and useful in macroeconomics, bringing in new ideas:
and

- i. To reflect the changing tone and emphasis that emerge from the past decade of macroeconomic events and scholarly research

Unit I

Classical Macroeconomics and its limitations – New Classical economics
(12 hours)

Unit II

Keynesian Macroeconomics – Consumption function – Keynesian-Classical synthesis – Patinkin and the general equilibrium approach – New Keynesian Economics (12 hours)

Unit III

Investment Demand – Classical and Keynesian theories of investment – Neo-classical investment theory (Jorgenson) – Financial and Acceleration theories – Extension of the static model to include government and foreign sector
(12 hours)

Unit IV

Disequilibrium macro models – Macroeconomics when markets do not clear – Introduction to a representative agent model (12 hours)

Unit V

Rational Expectations – Lucas critique – Theories of inflation – Phillips curve analysis – NAIRU curve (12 hours)

References:

1. Aoley, Gardner., Macroeconomics Analysis: Theory and Policy, (Newyork: MacMillan Publishing Company 1978)
2. Allen, R G D., Macroeconomic Theory: A Mathematical Treatment (London: MacMillan Publishing Company 1968)
3. Branson, William H., Macro Economic Theory and Policy (New York: Harper and Row Publishers 1972)
4. Shapiro, Edward., Macroeconomic Analysis (New Delhi: Golgotia Publications Pvt. Ltd. 1988)

5. Barro, Robert J. and Xavier Sala-i-Martin, *Economic Growth*, McGraw-Hill, 1995.
6. Romer, David, *Advanced Macroeconomics*, New York: McGraw-Hill, 1996.
7. Articles by Romer, Grossman-Helpman, Solow, and Pack, "Symposium on New Growth Theory," *Journal of Economic Perspectives*, Winter 1994.
8. Surrey, M J C., *Macroeconomic Themes: Edited Readings in Macroeconomics with commentaries*, London: Oxford University Press, 1976.
9. Rana, K C. and K. N. Verma, *Macro-Economic Analysis*, Vishal Publications, 1998
10. O.J. Blanchard and S. Fischer, *Lectures in Macroeconomics*. Cambridge, Mass: M.I.T. Press, 1989

DEPARTMENT OF ECONOMICS

MC
Semester – I

4 Credits

COURSE CODE: EC1808

COURSE TITLE: ENVIRONMENTAL ECONOMICS

Objectives

- i. To grasp how ecology and economic development influence one another.
- ii. To understand the existing environmental (related) policies for improving the quality of life.

Unit I

Environmental Economics – an introduction

Definition – scope of environmental economics – environmental segments – Ecology and Eco system – Organisation and structure of Eco system – Services of the environment – Material balance model – Ecology and economic development (the debate) (12 hours)

Unit II

The Basic Theory of Environmental Economics

Market failure and externality problem – Alternative solutions to the externality problem – Environmental quality as a public good – Income distribution aspects of environmental policy. (12 hours)

Unit III

Policies and Strategies on Environmental Protection

Pollution as an economic problem – Basic approach to the problems of pollution control – Allocation of property rights – Coase theorem – Market based environmental laws in practice. (12 hours)

Unit IV

Environmental Planning and Management

Importance of environmental planning and management – Role of the government in environmental management – Poverty Vs environmental quality – Environmental resources management – Environmental appraisal of development plan. (12 hours)

Unit V

India's and International Environmental Policies

Environmental education and training in India – Constitution protection on pollution – Wild life policy - Forest policy and other important legislation in India – Pollution as a transfrontier problem – International agreements, policies, conferences and acceptances. (12 hours)

References:

1. Boumal, W.J. and W.E. Oates, (1998), *The Theory of Environmental Policy*, Cambridge University Press.
2. Cliffered, S.R. (2001), *Applying Economics to the Environment*, Oxford University Press
3. Goldin, Ian and L. Allan Winters, ed., (1995), *The Economics of Sustainable Development*, Cambridge University Press.
4. Ian, J (2002), *Environmental Economics Applications: A Cost Benefit analysis*, Cambridge University press
5. Keith, C. (2000) *Economic Development and Environmental gain*, Earth Scan Publication Ltd.
6. Mauriec, S. and Kofi Annan, (2001) ‘Where on Earth Are we going?’, Texere
7. Pearce, D.W. (1997) *Environmental Economics*, Long man group Ltd.
8. Pearce, David and et al, (1990) *Sustainable Development: Economics and Environment in the Third World*, Edward Elgar Publishers Ltd.
9. Ridley, M. (2002) *Technology and the Environment’ The case for optimism: Focus*, 120, 7-14.
10. Seneca, Joseph, J, Taussig M.K. (1979), *Environmental Economics*, New Jersey, Prentice Hall.
11. Kneese, Allen V and Ayres, Robert U. (June 1969), *Production Consumption and Externalities – The American Economic Review*, Vol. 59, Issue 3, pp. 282-297.
12. Leontief, Wassily (August 1970), *Environmental Repercussions and the Economic Structure: AN input-output Approach – The Reivew of Economics and Statistics*, Vol. 52, Issue 3, pp. 262-271.

DEPARTMENT OF ECONOMICS

MC
Semester – I

4 Credits

COURSE CODE: EC 1809

**COURSE TITLE: MATHEMATICS AND STATISTICS FOR
ECONOMISTS**

Objectives: (i) to strengthen the quantitative background of the learner.
(ii) to provide tools for scientific research work.

Unit I:

Linear Algebra: Vectors and Matrices-Operations-Determinants-Inverse-Cramer's Rule-Rank. Solution to system of linear equations. Characteristic roots and Quadratic forms.

Unit II:

Derivatives-Partial Derivatives-Total Differential-Marginal and elasticity concepts.

Unit III:

Convex and concave functions: Optimization Technique-Maxima and minima-First and second order conditions-Utility and /Profit Maximization-Cost minimization.

Unit IV:

Correlation and regression coefficients-Multiple Regression-Time Series Analysis: Measures of trend and seasonal variations.

Unit V:

Theoretical Distribution: Binomial, Poisson, and Normal distributions- Tests of Hypothesis: Student's t-test, chi-square test and Goodness of fit-Analysis of Variance: One-way classification.

References:

1. Allen R G D; Mathematical Analysis for Economists, Macmillan India Ltd., 1986.
2. Chiang A.C; Fundamental Methods of Mathematical Economics, McGraw Hill International Students Edition, 1985.
3. Intrilligator M; Mathematical Optimization and Economic Theory, Prentice Hall, 1971.
4. Hadley G.H; Linear Algebra, Addison Wesley Publications.
5. Mehta, B.C and G.M K. Madhani, Mathematics for Economists, Sultan Chand and Sons, 1997.
6. Grewal P.S; Methods of Statistical Analysis, Streling Publishers Pvt. Ltd., 1990.
7. Gupta S.P; Statistical Methods, Sultan Chand and Sons, 1997.
8. Gupta S.C., and V.K.Kapoor; Fundamentals of Applied Statistics, Sultan Chand and Sons, 1997.

DEPARTMENT OF ECONOMICS

MC
Semester – I

4 Credits

COURSE CODE: EC 1810

COURSE TITLE: INTERNATIONAL ECONOMICS

Objectives

- i. To understand the theories governing international trade; and
- ii. To evaluate the policies pursued by various economic bodies in international economics

Unit I

Law of Comparative Advantage – Comparative Advantage and Opportunity Costs – Offer curves – Terms of Trade – Factor endowments and Heckscher-Ohlin theory – Imperfect competition and international trade – Technological gap and product cycle models.

Unit II

Partial equilibrium analysis of tariff – The theory of tariff structure – The Stolper-Samuelson theorem – Metzler Paradox – Non-tariff trade barriers and the new protectionism – Import quotas – Voluntary export restraints – Dumping – Customs unions and trade diversion – International capital flows.

Unit III

Balance of payments accounting principles – Equilibrium foreign exchange rates – Euro currency and offshore financial markets – Purchasing power parity theory – Monetary approach to balance of payment – The price adjustment mechanism with flexible and fixed exchange rates – The income adjustment mechanism and synthesis of automatic adjustments.

Unit IV

Internal and external balance with expenditure-changing and expenditure-switching policies – Policy mix and price changes – Optimum currency areas, the European Monetary System and The European Monetary Union – Currency Board arrangements and Dollarization

Unit V

The Gold Standard – The Bretton Woods System – The International Monetary System – present and future – International Monetary Fund – World Bank – World Trade Organization.

Books for Study:

1. Salvatore, Dominic, 2004, International Economics, Ed. 8, John Wiley & Sons Enc., Singapore.
2. Salvatore. (D), Schaums Outline of Theory and Problems Of International Economics, 1990
3. Sodersten, Bo and Geoffery Reed., International Economics, Hong Kong: Macmillan Education Ltd. 1998.

References:

1. Kindleberger, Charles, International Economics, 1976.
2. Cherunilam, Francis. International Business, New Delhi: Wheeler Publishers, 1998.
3. W. Charles Sawyer, Richard P. Sprinkle, International Economics, Prentice Hall of India, New Delhi. 2003.
4. Heffernan and Singlair, Modern International Economics, 1990
5. Krause[Walter], International Economics, 2000
6. Harrod [R F] International Economics 2000
7. Sawyer (W.Charles), Sprinkle (Richard..l) International Economics T.T. Publications, 2003

DEPARTMENT OF ECONOMICS
MC
Semester – I **4 Credits**
COURSE CODE: EC 1950
COURSE TITLE: SOCIAL ECONOMICS

Objectives

- i. To provide a framework of tools effective in the analysis of social problems;
and
- ii. To discover ways to resolve social problems.

(NB: A Project Work on a social problem carries 20 marks)

Unit I

Social Economics: Definition – equality in Human Societies – Principles of social doctrines: Gandhi, Mark and Popes. (10 hours)

Unit II

The world poverty situation – causes and consequences – Requisites of economic growth – Role of Government – Social security: Origin and growth – subsidies: Rationale and functioning – Social Banking Unemployment and Inequality Issues – Economics of Shelter: Refugees, Slavery and Beggary. (10 hours)

Unit III

Problems in Secondary and Higher Education – Growth and Nature of Health Services – Health care problems – Economics of Medicine Energy crisis and related Issues – Economic Crimes: Their prevention. (10 hours)

Unit IV

Discrimination: Sources, kinds and costs – Monopoly power: Use and Abuse – price control – consumerism: Provision of Information – Prevention of and Protection from Business Manipulation. (10 hours)

Unit V:

Terrorism: Causes and consequences – remedial course of action. (10 hours)

References:

1. Culyer, A.J., The Economics of Social Policy, London: Martin Robertson and Co Ltd. 1973
2. Douglass C North and Roger Leroy Miller, The Economics of Public Issues, New Your: Harper and Row. 1971
3. Dreze, Jan and Amartya Sen, Hunger and Public Action, Oxford: Clarendon, 1989.
4. Harbison, Frederick and Charles A Myers., Education Manpower and Economic Growth Strategies of Human Resource Development, New York: McGraw-Hill Book Co. 1964

5. LeGrand, Julian and Ray Robinson., The Economics of Social Problems, London and Basingstoke, The Macmilan Press Ltd. 1976
6. Lutz, Mark and Kennesth Lux., The Challenge of Humanistic Economics, Claifornia: The Benjamine / Cummings Publishing Company Inc. 1979
7. Sandford, Cedric., Social Economics, London: Heinemann Educational Books, 1977
8. Sharp, Ansel M et al., Economics of Social Issues, New Delhi: Universal Book Stall, 1987.

DEPARTMENT OF ECONOMICS
ES
Semester – I **3 Credits**
COURSE CODE: EC 1951
COURSE TITLE: AGRICULTURAL ECONOMICS

Objectives

To grasp the characteristics of modern agriculture; and
To analyse how the agricultural sector contributes to the Indian economy.

Unit I

Characteristics of modern agriculture – production function in agriculture –
The scale factor in farming – allocation of land between different uses and
crops – technological changes in agriculture – production response to price.
(10 hours)

Unit II

Input supply and distribution – economic aspects of irrigation and fertilizer
use – agricultural finance. (10 hours)

Unit III

Ownership pattern, tenurial relations and allocation efficiency – Land reforms
– far size - distribution and policy co-operative farming. (10 hours)

Unit IV

Analysis of demand for and supply of agricultural commodities – Marketed
surplus – procurement, distribution and pricing policies. (10 hours)

Unit V

Role of agriculture in economic development – agricultural strategies; taxation
of agriculture; relationship between agriculture and other sectors of the
economy. Human resources in agriculture. (10 hours)

References:

1. Eicher, Carl and Lawrence Witt, Agriculture in Economic Development, McGraw Hill Book Company, 1964.
2. Joshi P C., Land Reforms in Indina: Trends and Perspective, New Delhi; Allied Publishers, 1975
3. Kahlon, A S and Karam Singh, Manageing Agricultural Finance: Theory and Practice, New Delhi: Allied Publishers Pvt. Ltd 1984.
4. Khusro, A. M., Readings in Agricultural Development, New Delhi: Allied Publishers Pvt. Ltd.
5. Mellor W. Hohn, The Economics of Agricultural Development , Mumbai: Vora and Co Publishers PVt. Ltd.

6. Rudra Ashok, Indian Agricultural Economics: Myths and Realities, New Delhi: Allied Publishers Pvt. Ltd. 1982.
7. Sadhu A.N., Singh [Amarjit], Fundamentals of Agricultural Economics, 2000
8. Tyagi, B P Agricultural Economics and Rural Development, 1989
9. Shrivastava, O S, Agricultural Economics, 1996
10. Drummond, H E and Goodwin, J W., Agricultural Economics, Standard Book Distributing House, 2004

SEMESTER - II

DEPARTMENT OF ECONOMICS

MC

Semester – II

Credit: 4

EC 2804 MICRO ECONOMIC THEORY – II

Objectives

- i. to deepen the understanding of the working of the firms under oligopoly market conditions; and
- ii. to introduce the concept of welfare and its implications on the society.

Unit I

Critique of the neoclassical theory of the firm: Alternatives to profit maximization – Full Cost or Mark up pricing (Arrow) Sales maximization (Baumol) – Behavioural theories (Simon) – Maximisation of Utility Function (Scitovsky and Williamson) – Maximisation of Marginal Utility Function (Marris).

Unit II

Theories of Oligopoly – Collusive and leadership models –Game theoretic approach to oligopoly – Limit Pricing.

Unit III

Theory of General Equilibrium – The Walrasian system – The Input – output Model.

Unit IV

Theory of Welfare economics – New Welfare economics – Pareto Optimality Conditions – Welfare implications of the different market forms – the Compensation Principle – Social welfare function.

Unit V

Advanced welfare economics – Arrow’s theory of collective choice – Theory of the Second Best - Contribution by A.K.Sen

REFERENCES

- Arrow; Scitovsky, Readings in welfare economics, (London: Gerald Duckworth & Co Ltd 1969)
- Arrow, K J., Social choice and individual values, (London: Gerald Duckworth & Co Ltd 1963)
- Sen, A. K., Choice of techniques) (New Delhi: Prentice Hall of India (P) Ltd 1972)
- Baumol, William J.,Economic Theory and Operations Analysis (Fourth Edition)(New Delhi:Prentice Hall of India(P) Ltd 1970)
- Dorfman, Robert, Robert Solow and Paul A Samuelson, Linear Programming and Economic Analysis. (Tokyo: Mcgraw–Hill Publication, 1958).
- Kaldor , Nicholas., Essays in value and Distribution (London : Gerald Duckworth & Co Ltd 1960)
- Little, I M D., A critique of Welfare Economics (London: Oxford University Press 1970)

Scitovsky, Tibor. Welfare and Compensation (London : George Allen & Unwin Ltd 1971).
Chopra, P.N. Pricing, Distribution and Welfare (Delhi: Kalyani Publishers 1975)

DEPARTMENT OF ECONOMICS

MC
Semester - II

Credit - 4

EC 2809 MACRO ECONOMIC THEORY – II

Obejectives

- i. to understand the determination of national income and the concept of welfare; and
- ii. to study how the national income fluctuates and is distributed among the factors of production.

Unit I

Theories of the trade cycles: Samuelson – Hicks – Kaldor – Goodwin.

Unit II

Growth models: Solow Growth model – Infinite Horizon and Overlapping Generations models: The Ramsey-Cass-Koopmans model – The Diamond Model

Unit III

Beyond the Solow Model: New Growth Theory – Research and Development models – A model of Human Capital and Growth

Unit IV

Real-Business cycle theory, Traditional Keynesian theories of Fluctuations,
Microeconomic foundations - The Lucas imperfect-information model,
Rational expectations hypothesis.

Unit V

New Keynesian Economics – Coordination-Failure models and Real Non-Walrasian theories - Inflation and Monetary policy – Seignorage and Inflation

Books for Study

1. Romer, David, *Advanced Macroeconomics*, New York: McGraw-Hill, 1996.
2. Rana, K C. and K. N. Verma, *Macro-Economic Analysis*, Vishal Publications, 1998
3. Barro, Robert J. and Xavier Sala-i-Martin, *Economic Growth*, McGraw-Hill, 1995.
4. O.J. Blanchard and S. Fischer, *Lectures in Macroeconomics*. Cambridge, Mass: M.I.T. Press, 1989
5. Weintraub [E.Roy], *Microfoundations*, (Mcgraw – Hill Publication, 2000)
6. Dornbusch, Fischer and Starz, *Macroeconomics*, (Mcgraw – Hill Publication, 2005), Ed. 5

References:

1. Ackley, Gardner., *Macroeconomics Analysis: Theory and Policy*, (Newyork: MacMillan Publishing Company 1978)
2. Allen, R G D., *Macroeconomic Theory: A Mathematical Treatment* (London: MacMillan Publishing Company 1968)
3. Branson, William H., *Macro Economic Theory and Policy* (New York: Harper and Row Publishers 1983)
4. Shapiro, Edward., *Macroeconomic Analysis* (Newdelhi: Golgotia Publications Pvt.Ltd. 1988)
5. Articles by Romer, Grossman-Helpman, Solow, and Pack, "Symposium on New Growth Theory," *Journal of Economic Perspectives*, Winter 1994.
6. Surrey, M J C., *Macroeconomic Themes: Edited Readings in Macroeconomics with commentaries*, London: Oxford University Press 1976

DEPARTMENT OF ECONOMICS
EC 2806 LABOUR ECONOMICS AND INDUSTRIAL RELATIONS

Objectives

(4 Credits / 6 hours per week)

- i. to understand the determination of wage structure in an economy; and
- ii. to study the present state of industrial relations in India.

Unit I

Labour as a unique factor of production – Labour Force – Labour market – Disequilibrium between supply and demand for labour.

Unit II

Employment – Problems of unemployment and under employment – Remedies – Role of Employment Exchanges – Vocational Training – Manpower planning.

Unit III

Employees remuneration – Wage structure in India – Wage differentials – Theories of wages - Wages Act, 1936 – Wage Act 1948 – Bonus and fringe benefits Payments of Bonus Act 1965 and amendments.

Unit IV

Social Security – ILO and security. Social security measures in India – Employees State Insurance Act 1948 – Employees Provident Funds Act 1952 and Public Provident Funds Act 1968 – Subsequent developments – Social security in Tamil Nadu.

Unit V

Trade Unionism – Development of Trade Unions in India and their present position - Industrial relations – Industrial conflicts – Preventive and remedial measures – Industrial Act 1947 and amendments – Workers' participation in Management – Collective bargaining – adjudication and arbitration – The present state of industrial relation in India.

References:

- Helfgott**, Labour Economics, (New York: Random House 1974)
Kamik, V.B., Indian Trade Union: A Survey (Mumbai: Allied Publishers Pvt. Ltd. 1966)
McConnell, Capbell R., and Stanley.L.Brue, Contemporary Labour Economucs (Singapore, McGrew-Hill Book Co 1989)
Reynolds, Lloyd., Labour Economics and Labour Welfare (New Delhi: Prentice – Hall of Inida Pvt. LTd. 1978)
Sepsfore, David and Zafiris Tzannatos., Current Issues in Labour Economics (Hong Kong , Macmilan 1990)
Singh, V.B and Saran, A.K., Industrial Labour in India (Mubai: Asia Publishing House 1960)
Verma, Pramod., Labour Economics and Industrial Relations (New Delhi: Tata McGrew Hill Publishing Co. Ltd. 1987)

DEPARTMENT OF ECONOMICS
EC 2807 ECONOMETRICS

Objectives

(4 Credits / 6 hours per week)

- i. To get acquainted with the tools of Econometrics for applied research in Economics; and
- ii. To impart the knowledge of econometric techniques for better understanding of the methods in Economics.

Unit I

Nature and scope of econometrics – the econometric approach – economic theory - Statistics and econometrics – Nature and use of econometric models.

Unit II

Linear regression – Two variable regression – Multiple regression – Correlation coefficient – Multicollinearity – Extensions of linear regression – functional forms – dummy variables – Analysis of variance.

Unit III

Generalized least squares – heteroscedastic errors – Auto correlation – Errors in variables – Methods of instrumental variable – grouping of observations and grouping of equations.

Unit IV

Simultaneous equation methods – The problem of identification – Estimation – Two stage least squares – introduction to limited information and full information – maximum likelihood and three stage least squares.

Unit V

Some illustrations of the applications of econometric methods.

Reference:

1. Gujarati, Damodar., Basic Econometrics, Singapore: McGraw Hill, Inc 1995.
 2. Johnston, J., Econometric Methods, Singapore: McGraw Hill Inc. 1994.
 3. Johnson, Aaron C Jr et al., Econometrics: Basic and Applied, New York: Macmillan Publishing Co 1987.
 4. Koutsoyiannis, A., Theory of Econometrics: An Introductory Exposition to Econometric Methods, London and Basingstoke: The Macmillan Pres Ltd 1979.
 5. Madnani, G.M.K., Introduction to Econometrics: Principles and Applications, New Delhi: Oxford and IBH Publishing Co Pvt. Ltd. 1994.
- Mehta, B.C. and Arun C. Mehta, Fundamentals of Econometrics, Delhi, Himalaya Publishing House 1987.

DEPARTMENT OF ECONOMICS
EC 2900 MANAGERIAL ECONOMICS

SUPPORTIVE OFFERED TO M.COM STUDENTS

Objectives **(3 Credits / 4 hours per week)**

- i. to relate theoretical concepts in economic theory with modern Business practices.
- ii. to predict the demand, cost, price and profit variables for a firm in future.

Unit I

Scope of Managerial Economics – Development of entrepreneurship and Management in India – Professionalisation of management.

Unit II

Demand analysis: Demand determinants, Demand distinctions and demand forecasting methods – Elasticity of demand – Its significance in business decisions.

Unit III

Cost analysis: Various concepts of costs – cost –output relationship – cost control and cost reduction.

Unit IV

Markets: An overall view about market forms – Meaning of perfect and imperfect markets – Modern pricing methods, price discounts and differentials - price forecasting.

Unit V

Measurement of profit: Accounting profit – profit policies and forecasting – Model of break-even analysis.

Methodology:

- | | |
|---|--------------------|
| a) Continuous assessment (CA) | 100 marks |
| i) Two written tests (First component) | 35 + 35 = 70 marks |
| ii) Case study analysis, seminar, project reports
(Second component) | 30 marks |
| b) Semester examination (SE) – 3 hours duration | 100 marks |

References:

Dominic Salvatore – *Managerial Economics*, Mc.Graw Hill Inc, Newyork – 1993.

R.L. Varsney, &. K.L Maheswari - *Managerial Economics*, Sultan Chund & Sons., New Delhi, Latest edition 1997.

Dean, Joel, *Managerial Economics*, Prentice Hall of Inc., New Jercy.

D.N. Dwivedi – *Managerial Economics*, Vikas Publishing House Pvt. Ltd., New Delhi - 1995.

H. Graig Peterson, WCRIS Lewis – *Managerial Economics*, Maxwell Macmillan International Edition – 1990

P.L. Metha – *Managerial Economics*, Sulton Chand & Sons, New Delhi, Latest edition 1997

DEPARTMENT OF ECONOMICS
EC 2951 PRINCIPLES OF MARKETING MANAGEMENT
SUBJECT ELECTIVE

Objectives

(4 Credits / 4 hours per week)

- iii. to comprehend the meaning and role of marketing in an economy; and
- iv. to understand the performance of marketing in various sectors, at the national and international levels.

Unit I

Marketing: Concept – Definition and Significance Marketing in developing and developed countries – Social marketing and economic development in Indian context.

Unit II

Market segmentation: Rationale – requirements – benefits – basis – Difference between market and product segmentation – market mix – Marketing planning – Market control - Consumerism – Consumer protection – Standardization and Grading – Legislation – Social and Ethical issues in Marketing – Monopoly – MNCs and Exploitation some issues.

Unit III

Marketing information systems (MKIS) and marketing research

Unit IV

The four P's: Product, Physical distribution, Promotion and Pricing

Unit V

International marketing – Export strategies, promotion and procedures.

References:

- Davar, Rusting S., *Modern Marketing Management in Indian Context*, Mumbai: Progressive Corporation Pvt. Ltd. 1979.
- Mamoria, C.B. and R.L. Joshi, *Principles and Practice of Marketing in India*, Allahabad: Kitab Mahal, 1996.
- Standon, William J., *Fundamentals of Marketing*, Tokyo: Mc Graw Hill Book Co. 1984.
- Kotler, Phillip and Gary Armstrong, *Principles of Marketing*, New Delhi: Prentice Hall Pvt. Ltd., 2004
- Mandell Maurice I and Larry J Rosenberg., *Marketing*, New Delhi: Prentice Hall International Inc, 1983.

DEPARTMENT OF ECONOMICS
EC 2952 INDIAN ECONOMIC PLANNING AND POLICY

SUBJECT ELECTIVE

Objectives **(4 Credits / 4 hours per week)**

- i. to make the students understand the importance of planning as a technique to accelerate economic growth and development and
- ii. to make the students understand how to link various economic policies with plan objectives.

Unit I

Indian Economic Planning: Objectives – Strategy – rate and pattern of investment in the five-year Plans – Problems of resource mobilization – Evaluation of five year plans in India.

Unit II

Economic Policy: Objectives – Impact of new economic policy on poverty, unemployment and inequality in the distribution of income – Employment policy and its conflict between output and employment goals – Manpower and education policies in India.

Unit III

Public sector in India: Objectives – its contribution to Indian economy – recent trends in Indian PSUs (privatization and disinvestments) - PSUs pricing policies - Dual pricing, multiple pricing and administered price mechanism - Agricultural pricing policy in India.

Unit IV

Quality of Life in India and abroad: Poverty eradication policies in India – Target group approach – An evaluation of Rural Employment Guarantee Scheme.

Unit V

Trade Policy: Impact of WTO on India's import, export and tariff policies – The policy of flexible exchange rates and its impact on Indian economy.

References:

- Dhingra, I.C. Indian Economy (New Delhi: S Chand and son Co Pvt. Ltd.) (Recent Edition)
- Agarwall, A.N. Indian Economy (New Delhi: S Chand) (Recent Edition)
- Datt, Ruddar and K.P.M Sundharam Indian Economy (Recent Edition) (New Delhi, S. Chand and Co. Pvt. Ltd.)
- Luthra, V.P. Economic Development, Planning and Liberalisation (Ivy Publishing House 2000)
- Planning Commission, Government of India – Ninth Five Year Plan 1997-2000 Vol. II: Thematic Issues and Sectoral programmes – 2000
- Agarwal, A.N., *Indian Economy: Problems of Development and Planning* (Chennai: Wishwa Prakashan 2001)
- Uma Kapila (Ed), Indian Economy since Independence (Academic Foundation 2002)
- Sen, Raj Kumar and Chatterjee, Biswajit (Ed), Indian Economy: Agenda for the 21st century (Deep and Deep Publications 2002)

SEMESTER - III

DEPARTMENT OF ECONOMICS

MC
Semester – III

6 Hours per week
5 Credits

COURSE CODE: EC3808

COURSE TITLE: MONETARY ECONOMICS

Objectives:

- i. to capture the influence of money on the real economy; and,
- ii. to discuss the recent demand and supply theories of money.

Unit I: Concepts of Money

Traditional and modern – concepts of liquidity – Newlyn – Radcliffe Committee – Gurley-Shaw and others.

Unit II: Demand for Money

Analysis of the demand for money – transactions demand for money – Baumol's asset demand for money – Keynes speculative demand for money – mean-variance analysis – Hicks and Tobin – State Preference Theory as a theory of the demand for money – Friedman's restatement – Gurley and Shaw thesis

Unit III: Classical and Neo-Classical Views on Money

Neutrality and non-neutrality of money – classical and neoclassical dichotomy - integration of monetary and value theories

Unit III: Keynesian and Post Keynesian Views on Money

Keynes – Patinkin and the real balance effect – Keynesians vs. monetarists - monetary policy – goals, techniques and constraints - transmission mechanism of monetary policy - problem of lags

Unit V: Money Supply and Price Level

Theories of money supply – theories of inflation – control of inflation – indexation

Books for Study

Aschheim Joseph and Ching Yao Hsieh, 1969, *Macro Economics: Income and Monetary Theory*, Charles E Merrill Publishing Co. Columbus, Ohio

Chick, Victoria., 1977, *The Theory of Monetary Policy*, Pargate Books/ Basil Blackwell

McCallum, B.T., 1989, *Monetary Economics: Theory and Policy*, New York: Macmillan Publishing Company, 1989, Maxwell Macmillan International Editions.

Hagger, A.J., 1977, *Inflation Theory and Policy*, London: The Macmillan Press Ltd.

Books for Reference

Laidler, David E.W., 1972, *The Demand for Money: Theories and Evidenc.:* Allied Publishers Private Ltd., Chennai.

Newlyn, W.T., 1971,. *Theory of Money*, Clarendon Press, Oxford

Hosek, William R and Frank Zahn, 1977, *Monetary Theory, Policy and Financial Markets*, McGraw-Hill Book Company, New York

Patinkin, Don., *Money, 1965, Interest and Prices: An Integration of Monetary and Value Theory*, Harper and Row Publishers, New York
Sinclair, P J N., 1983, *The Foundations of Macro Economic and Monetary Theory*, Oxford University Press, Oxford
Luckett, D.G., 1976, *Money and Banking*, McGraw-Hill Kogakusha, Ltd.,
Coghlan, Richard, 1980, *The Theory of Money and Finance*, London: The Macmillan Press Ltd.
Cargill, T.F., Money, 1979, *The Financial System and Monetary Policy*, New Jersey: Prentice-Hall Inc

Journals for Reference

Journal of Banking and Finance and Banking	Journal of Money, Credit and Banking
International Journal of Central Banking Economics	Journal of Financial Economics

Websites for reference

www.rbi.org.in	www.cpolicy.rbi.org.in
www.bulletin.rbi.org.in	
www.bankreport.rbi.org.in	http://mospi.nic.in
http://www.indiastat.com	

DEPARTMENT OF ECONOMICS

MC
Semester – III

6 Hours per week
5 Credits

COURSE CODE: EC3809

COURSE TITLE: PUBLIC ECONOMICS - I

Objectives

- i. To analyze the need for government intervention in economic activities,
- ii. Explain the role of fiscal tools in the regulation of economic activities.

Unit I: Introduction

Theories of Public Finance - Theories of social goods – market failure – social and private goods – Principles of allocation, distribution and stabilization.

Unit II: Public Choice in a Democracy and The theory of Public Expenditure

Contribution by Wiksell – James N. Buchanan and Gordon Tullock, K.J. Arrow.

Wagner's law, Peacock and Wiseman hypothesis – partial and general equilibrium models – Contribution by Bowen and Lindahl, Buchanan, Samuelson and Musgrave

Unit III: Cost Benefit Analysis

Types of direct and indirect benefits and costs – public programming budgeting system – problems in the measurement of cost and benefits – criteria for public expenditure – Crude investment criteria – Discounting techniques

Unit IV: Public Sector

Size, growth, role and objectives – Public sector in India – Public sector pricing – Methods of pricing – public pricing and welfare objectives.

Unit V: Public Debt

Principles, burden and management of Public Debt

Books for Study

Musgrave R A and Musgrave, P B., 2001, Public Finance in Theory and Practice McGraw Hill Book Company, New Delhi

Musgrave, R.A., 2003, Theory of Public Finance, McGraw Hill Book Company, New Delhi

Books for Reference

Mishan, E J., 1971, Cost Benefit Analysis, George Allen and Unwin, London

Herber, Bernard P., 1988, Modern Public Finance (Fifth Edition), All India Traveller Book Seller, Delhi

Due and Friedlender., Government Finance (Sixth Edition) Irwin Series in Economics

Buchanan J M., 1968, The Demand and Supply of Goods, Rand McNally and Co
Burkhead J X Miner J., Public Expenditure

Journals for Reference

Economic and Political Weekly
National Tax Journal

Southern Economist
American Economic Review

Websites for Reference

<http://finmin.nic.in>

<http://indiabudget.nic.in>

<http://policies.gov.in>

<http://finmin.nic.in/revenuesummary/login.asp>;

http://finmin.nic.in/topics/center_state_finance/index.html

<http://finmin.nic.in/topics/legislation/index.html>;

http://finmin.nic.in/stats_data/monthly_economic_report/index.html

DEPARTMENT OF ECONOMICS

MC
Semester – III

6 Hours per week
5 Credits

COURSE CODE: EC3810

COURSE TITLE: RESEARCH METHODS IN ECONOMICS

Objectives

- i. To understand the basic ingredients of research, and,
- ii. To prepare an outline of a project in Economics

Unit I: Research in Economics

Meaning, Objectives, need and scope – Present position of research in Economics in India

Unit II: Scientific attitude in economic research

Dangers to be avoided – basic elements of scientific method fact, conceptual and operational definitions, assumptions, hypotheses, theories and laws – Field and documentary sources – Primary and Secondary data.

Unit III: Research Design

Meaning and types – Surveys and sampling – probability and non-probability sampling Logical – Mathematical and Statistical methods – Case study methods.

Unit IV: Tools of research

Participant and non-participant observation – Questionnaire – interview schedule – pilot study – pre-testing..

Unit V: Report writing

Plan of a research report – Style and mechanics of writing research reports

Books for Study

Young, Pauline V. 1977, Scientific Social Surveys and Research, Prentice Hall of India, New Delhi.

Goode, 1983, William J and Paul K Hatt, Methods in Social Research, MC Graw-Hill International Book Co. London.

Books for Reference

Bhattarya S.K., 1990, Methodology in Research

Das Gupta, 1995, Methodology in research

Ferber and Verdorn, Research Methods in Economics and Business

Kurien C.T. (Ed), 1992. A Guide to Research in Economics, Sangam Publishers, Chennai.

Journal for Reference

International Journal of Social Research Methodology

Website for reference

www.socialresearchmethods.net www.ncrm.ac.uk

www.ualberta.ca

www.trinity.edu

Journals for Reference

Economic and Political Weekly
National Tax Journal

Southern Economist
American Economic Review

Websites for Reference

<http://finmin.nic.in>

<http://indiabudget.nic.in>

<http://policies.gov.in>

<http://finmin.nic.in/revenuesummary/login.asp>;

http://finmin.nic.in/topics/center_state_finance/index.html

<http://finmin.nic.in/topics/legislation/index.html>;

http://finmin.nic.in/stats_data/monthly_economic_report/index.html

DEPARTMENT OF ECONOMICS

ID
Semester – III

4 Hours per week
5 Credits

COURSE CODE: EC3811

COURSE TITLE: ADVANCED ECONOMETRICS

Objectives

- i. To enable the students to apply econometrics.
- ii. To help students understand and appreciate the potential of the subject for application.
- iii. To equip them with necessary skills to use software packages meant for Econometrics.

Unit I: Inference and Prediction

Testing linear restrictions – prediction.

Unit II: Functional form and structural change

Identifying non linearity – Intrinsic linearity and identifications – modeling and testing for a structural break

Unit III: Tests of model stability

Hansens' test, Recursive residuals and CUSUMS test, predictive test

Unit IV: Models for panel data

Fixed effects and Random effects.

Unit V: Time series econometrics

Stationary stochastic processes – non stationarity and unit roots – cointegration.

Books for Study

William H. Greene, 2004, Econometric Analysis Fifth edition, Pearson Education.

Damodhar Gujarati, 1999, Basic Econometrics, Forth edition, Vignyan Distributors

R.S.Pindyck & D.L. Rubinfeld , 1976, Econometric Models and Economic Forecasts – International Student edition

Books for Reference

Franses (Philip Hans), 2002, Concise Introduction to Econometrics, Dist. Sharma Books, Chennai

Maddala,G.S., 2001, Introduction to Econometrics, Ed.3, R. Publications, New Delhi

Wang, Peijie, 2002, Financial Econometrics Methods and Models, IBH Library Books, Chennai .

Singh, S.P, 1991, Econometrics and Mathematical Economics

Journals for Reference

Journal of Mathematical Economics
Review of Economics and Statistics
Econometrica
Applied Economics

Website for Reference

www.jae.wiley.com
<http://www.uccollege.edu.in>
<http://www.iisc.ernet.in>

www.jstor.org/journal/08837252.htm
<http://www.indiastudycenter.com>

SEMESTER - IV

DEPARTMENT OF ECONOMICS

MC
Semester – IV

6 Hours per week
5 Credits

COURSE CODE: EC4808

COURSE TITLE: PUBLIC ECONOMICS - II

Objectives

- i) To understand the nature and working of fiscal policy,
- ii) To examine the revenue and expenditure administration at the national, regional and local levels

Unit – I: Fiscal Policy

Evolution of fiscal policy for economic development, growth and stabilization – Pump priming and counter cyclical expenditure – Compensatory finance - Fiscal dynamics and growth – Applicability of fiscal theories in growth models

Unit II: Integration of fiscal and monetary policies

In Keynesian and Post-Keynesian frame work.

Unit III: Federal Finance

Centre-State financial relations - Recommendation of the last three Finance Commissions – Finances and performance of Local bodies

Unit IV: Indian tax and expenditure structure

Taxes levied by Central and State Governments – Pattern of expenditure incurred by Central and State Governments – Tax and expenditure reforms in India – Deficit finance – Causes and consequences.

Unit V: Shifting and incidence

Incidence and output effects – Excess burden – Allocation effects.

Books for Study

Musgrave R A and Musgrave, P B., 2001, *Public Finance in Theory and Practice* McGraw Hill Book Company, New Delhi

Musgrave, R.A., 2003, *Theory of Public Finance*, McGraw Hill Book Company, New Delhi

Books for Reference

Chelliah, Raja J., 1960, *Fiscal policy in Underdeveloped Countries with special reference to India*, George Allen and Ltd., London

Dalton, Hume, 1971, *Principles of Public Finance*, Routledge and Kegan Paul Ltd, London

Musgrave, Richard A., 1959, *Theory of Public Finance: A Study in Public Economy*, McGraw Hill Kogakusha Ltd., Tokyo

Musgrave, Richard and Peggy B. Musgrave, 1980, *Public Finance in Theory and Practice*, McGraw Hill International Book Co., Tokyo

Datt, Raddar and K.P.M. Sundharam, 2005, *Indian Economy*, S. Chand and Co. Pvt. Ltd., New Delhi

Journals for Reference

Economic and Political Weekly
National Tax Journal

Southern Economist
American Economic Review

Websites for Reference

<http://finmin.nic.in> <http://indiabudget.nic.in>
<http://policies.gov.in> <http://finmin.nic.in/revenuesummary/login.asp>;
http://finmin.nic.in/topics/center_state_finance/index.html
http://finmin.nic.in/the_ministry/dept_eco_affairs/economic_div/eco_survey/index.htm http://finmin.nic.in/stats_data/central_govt_borrowings/index.html
http://finmin.nic.in/foreign_investment/dissinvestments/index.html

DEPARTMENT OF ECONOMICS

MC
Semester – IV

6 Hours per week
4 Credits

COURSE CODE: EC4809

COURSE TITLE: INDIAN ECONOMIC DEVELOPMENT AND POLICY

Objectives

- iii. To analyze basic Indian economic problems and
- iv. To find out solutions for economic and social maladies

Unit I: Characteristics

Current characteristics of Indian Economy – Determinants of Economic Development – Economic and non-economic factors.

Unit II: Demographic profile

Size and growth rate of population in India – Features of Indian population – National Population Policy 2000 – Population projections for India 2001, 2011

Unit III: Human Resource Development

Concept and Measures of Human Development – Human Development index in India – International comparisons – National human development report – Progress of Human development in India – Future directions

Unit IV: Policy and Infrastructure

Energy – Power – Highways – Railways – Water Transport – Civil Aviation – Communication network – Urban infrastructure – Private investment in Infrastructure – Outlook and Prospects.

Unit V: Poverty

Poverty, inequality and planning process in India – Studies of poverty in India – International comparisons of poverty and inequalities of income – Economic reforms and reduction of poverty – causes of failure to remove poverty – poverty eradication programs.

Books for Study

Tyagi, B.P. 2004, Agricultural Economics and Rural Development, Jai Prakas Math and Co., Meerut.

Dhingra, I.C., 2004, Indian Economy, S Chand and son Co Pvt. Ltd. New Delhi.

Agarwall, A.N., 2004, Indian Economy, S Chand, New Delhi.

Datt, Ruddar and K.P.M Sundharam 2005, Indian Economy, Ed.52, S. Chand and Co. Pvt. Ltd. New Delhi.

Books for Reference

Planning Commission, Government of India – Ninth, Tenth and Eleventh Five Year Plan Documents.

Centre for Monitoring Indian Economy – Recent Issues

Journals for Reference

Economic and Political Weekly
Yojana

Southern Economist

Websites for reference

<http://dare.nic.in>

<http://ari.gov.in>

<http://aquaculture.tn.nic.in>

<http://agricoop.nic.in>

<http://drdpat.bih.nic.in>

<http://www.nddb.org>

<http://dahd.nic.in>

<http://www.niam.gov.in>

<http://www.manage.gov.in>

DEPARTMENT OF ECONOMICS

MC
Semester – IV

6 Hours per week
4 Credits

COURSE CODE: EC4813

COURSE TITLE: PORTFOLIO THEORY AND INVESTMENT ANALYSIS

Objectives:

- to enable students to appreciate the use of finance theory in investment management
- to provide a basis for the measurement and analysis of the risk of financial investments.

Unit I: Financial markets and instruments:

Money and bond markets, equity markets, derivative markets, managed funds, exchange traded funds, exchange trading and OTC trading, clearing, settlement, margin trading, short sales and contingent orders, regulation of financial markets

Unit II: Investment Strategies

Active fund management and investment strategies: historical mutual fund performance, market efficiency and behavioural finance, return based trading strategies, hedge funds

Unit III: Diversification

Expected portfolio return and variance, risk premium, risky/risk free capital allocation, minimum-variance portfolio frontier, market portfolio, expected return relationships, Treynor-Black model, factor models

Unit IV: Risk and Performance

Portfolio immunization: term structure of interest rates, duration, immunization of equity portfolios. Risk and performance management: types of risk, regression methods for measuring risk, value-at-risk, risk adjusted performance measures, m-squared measure, performance measurement with changing portfolios

Unit V: Risk Management

Risk management and VaR based portfolio insurance: put option protection, put-call parity, volatility hedging, Basak-Shapiro model

Books for Study

Chance, D.M. 2004, *An Introduction to Derivatives & Risk Management*. Ed. 6 Thomson South- Western:
Brealey, R.A. and S.C.Myers, 1996, *Principles of Corporate Finance*. Ed. 4, Tata McGraw-Hill Publishing Company Ltd: New Delhi

Books for Reference

- Saunders, A., 2000, *Financial Institutions Management: A Modern Perspective*, ED. 3, McGraw Hill, New York
- Bodie, Z., A. Kane and A.J. Marcus, 2005, *Investments*.Ed.6, McGraw- Hill Irwin, London
- Elton, E.J., M.J. Gruber, S.J. Brown and W.N. Goetzmann ,2003,*Modern Portfolio Theory and Investment Analysis, Ed.6*, Chichester: John Wiley & Sons, New York
- Grinblatt, M. and S. Titman, 2002, *Financial Markets and Corporate Strategy*. Ed, 2 McGraw Hill Irwin, London
- Assness, C., R. Krail and J. Liew 2001, *Do Hedge Funds Hedge?*
- Brown, S.J. and W.N. Goetzmann, 2001, *Hedge Funds with Style*. National Bureau of Economic Research
- Duffie, D. and K.J. Singleton, 2003, *Credit Risk: Pricing, Measurement and Management*, Princeton University Press,
- Haugen, R.A., 2003, *Modern Investment Theory*, Ed.5, Pearson Education:
- Fabozzi, F.J. and F.Modigliani, 2005, *Capital Markets: Institutions and Instruments*. Ed. 3, Prentice-Hall of India Private Ltd, New Delhi

Journals for Reference

- | | |
|-------------------------------------|------------------------------------|
| The Journal of Portfolio Management | Journal of Alternative Investments |
| Journal of Derivatives | Journal of Wealth Management |

Websites for Reference

- | | |
|---|---|
| www.reuter.com | www.ijjournal.com/jpm |
| http://www.pacifiedge.com | http://www.investools.com |
| http://www.commerce-database.com | |

DEPARTMENT OF ECONOMICS

EC - 4815 STATISTICAL PACKAGES FOR ECONOMIC RESEARCH (3 Hours of class room demonstration and 3 hours of practical)

(4 credits / 6 hours)

Objectives:

1. To introduce the applied areas in Economics
2. To enable the students to apply EViews and SPSS in Economic Research

Unit I: Introduction to Statistical Packages

EViews: Creating, Opening and Saving EViews workfile, Importing data from other formats, Choosing the Observations (Sample Size), Printing Data with EViews, Plotting Data with EViews, Creating New Variables, Estimating Equation.

SPSS: Creating SPSS data file, Opening existing data file, Importing data from Non-SPSS file format, Merging data from multiple files, Transforming variables – Editing output: Editing tables, charts and graphs, Exporting outputs, Creating and using syntax file

Unit II: (a) Diagrammatic Representation – Simple, Multiple and Drop Line Diagrams Simple, Area graph, Multiple and Component Bar diagrams, Pie-Chart, Range: Simple high low close, Cluster high low close, Simple and Cluster Box Plot, Duo-directional bar diagram, Pie-chart, Correlogram, Kernel Density Graphs

(b) Descriptive statistics in Economics - Mean, Median, Mode, Percentiles, Quartiles, Standard deviation, Variance, Range, Minimum, Maximum, Skewness, Kurtosis

Unit III: Correlation and Regression: Simple, partial and multiple Correlations, Correlation matrix, Regression, dummy variable, Multi collinearity, Test for detecting multicollinearity

Unit IV: Serial Correlation: Durbin-Watson Statistic, Ljung-Box Q-statistic, Unit Root Test, ARMA and ARIMA

Unit V: Time series models – Fixed effect model, Random effect model, Box-Jenkins methodology, Test for Heteroscedasticity, Autoregressive Conditional Heteroskedasticity (ARCH), Generalized ARCH (GARCH)

Books for Study:

1. GEORGE DARREN; MALLERY PAUL, SPSS FOR WINDOWS, (PEARSON EDUCATION, 2009)
2. Richard Startz, EViews (Quantitative Micro Software, LLC, Irvine CA 2007)

Books for Reference:

1. Croxton, Fredric E, Dudley J Cowden and Sidney Klein, Applied General Statistics, (New Delhi: Prentice Hall of India Ltd 1988)
2. Gupta, S.P., Statistical Methods (Recent Edition) (New Delhi: Sultan Chand and Sons Publishers 2008)
3. McClave, Jame T and P. George Benson, Statistics for Business and Economics (London: Colliar Macmillan Publishers 1990)
4. Damodhar Gujarati, 2003, Basic Econometrics, Forth edition, Vignyan Distributors
5. Brace(Nicola), SPSS For Psychologists A Guide To Data Analysis Using Spss For Windows, (Palgrave, 2006)
6. Norusis, Marija J., SPSS for Windows (Chicago: SPSS inc 1993)
7. George Darren; Mallery Paul, SPSS For Windows, (Pearson Education, 2009)
8. Foster(Jeremy J) Data Analysis Using SPSS For Windows Versions 8 To 10:A Beginner's Guide (Sage Pub, New Delhi, 2001)
9. Miller(R L), SPSS FOR SOCIAL SCIENTISTS (PALGRAVE, 2002)

Websites:

www.spss.co.in

www.spsstools.net/spss.htm

www.eviews.com

www.spss.com

www.spss.org

www.eviews.net

DEPARTMENT OF ECONOMICS

MC
Semester – IV

6 Hours per week
4 Credits

COURSE CODE: EC4954

COURSE TITLE: ENTREPRENEURIAL ECONOMICS

Objectives

- i. to familiarize the students with the entrepreneurial procedures and problems;
- ii. to enable the students to become effective and efficient entrepreneurs.

Unit I: Introduction

Concept of entrepreneur and its evolution – entrepreneur and enterprise characteristics and types of entrepreneurs – role of entrepreneurship in economic development.

Unit II: Entrepreneurship Models

The theories and conceptual models of entrepreneurship – views of Schumpeter, Walker and Drucker

Unit III: Entrepreneurial Performance

Evaluating entrepreneurial performance and problems: need and criteria for and difficulties in evaluation, strategies and experiences of developing industrial entrepreneurship (with special reference to small scale industries)

Unit IV: Entrepreneurship in India

Factors promoting the growth of entrepreneurship: Social Psychological and environmental – State and the entrepreneurs – role of NBFIs and BFIs in entrepreneurial development. Problems faced by entrepreneurs

Unit V: Women entrepreneurship

Women entrepreneurship – Definitions – Challenges in the path of women entrepreneurship – Strategies for the development of women entrepreneurship – Empowerment of women entrepreneurship – Institution supporting women entrepreneurship in India – Profiles of successful entrepreneurs.

Books for Study

Killby, Peter, 1971, Entrepreneurship and Economic Development, Free Press, New York

Drucker Peter. F., 1985, Innovation and Entrepreneurship, Harper and Row, New York.

Gupta, C B and N P Srinivasan., 1992, Entrepreneurial Development, Sultan Chand, New Delhi

Books for Reference

Casson, Mark(ed) 1990, Entrepreneurship, Hants, U.K. Edward Eigar Publishing Company
Dollinger, Mark. J 1995, Entrepreneurship: Strategies and Resources, Burr Ridge, Illinois Austin Press, Richard D Irwin.
Rao, Gangodhara M (Ed.), 1992, Entrepreneurship and Entrepreneurial Development, Krishna Publishing House, New Delhi
Saravanavel, P., 1991, Entrepreneurial Development, Ess Pee Kay Publishing House, Chennai

Journals for Reference

Journal of Business Venturing
Small Enterprise Development
Entrepreneurship Development in Management Education
Entrepreneurship Theory and Practice

Websites for Reference

www.enterweb.org
www.loc.gov
www.empretec.com

www.entrepreneur.com
www.entreworld.org
<http://sbinformation.about.com>