

DEPARTMENT OF ECONOMICS
REVISED SYLLABUS OF JUNE 2015

Department of Economics is revising syllabi with effect from the academic year 2015-2015 with CBCS for M.A. Economics & M.A Business Economics as specified by the Government of Tamil Nadu, that will seek to build the capacity of the students and provide inputs for their social service and social analysis capabilities.

Every academic year is divided into two semester sessions. Each semester will have a minimum of 90 working days and each day will have 5 working hours. Teaching is organized into a modular pattern of credit courses. Credit is normally related to the number of hours a teacher teaches a particular subject. It is also related to the number of hours a student spends learning a subject or carrying out an activity.

PREAMBLE

The Department of Economics submits changes and additions suggested in the PG curricula that are given in the ensuing pages.

- Reorganization of Courses in the PG Programmes.
- Modification of course content in courses based on employability of the students and the needs of the industries.
- Changes in the course title based on revised contents of curricula
- Introduction of new innovative courses.

REGULATIONS

4. ELIGIBILITY FOR ADMISSION:

Candidates for admission to the first year of the Degree of **M.A.Economics& M.A Business Economics** course shall be required to have passed B.A.Economics, B.Sc Mathematics, B.Sc Statistics /B.Com/B.B.A./B.B.M/B.Com (C.S) or any under graduate degree in social sciences conducted by the University of Madras or an Examination accepted as equivalent thereto by the Syndicate of the University of Madras.

5. ELIGIBILITY FOR THE AWARD OF DEGREE:

M.A. BUSINESS ECONOMICS

SEMESTER I

Core	Code	Title	H	Credit	CA	End Sem	Total
Core: 1	8P15/1C/MIC	Micro Economic Analysis	6	4	40	60	100
Core: 2		Accounting and Auditing	6	4	40	60	100
Core: 3	8P15/1C/MAT	Mathematics for Economists	6	4	40	60	100
Core: 4	8P15/1C/STA	Statistics for Economists	6	4	40	60	100
Major Elective :1	8P15/1E1/FIN	Financial Economics	4	3	40	60	100
Soft Skills		Personality Development	2	2			
	Total		30	21			

SEMESTER II

Core: 5	8P15/2C/MAC	Macro Economic Analysis	5	4	40	60	100
Core: 6		Management Accounting	5	4	40	60	100
Core: 7	8P15/2C/OPE	Operations Research	5	4	40	60	100
Core: 8	8P15/2C/STT	Statistics with Computer Applications	5	4	40	60	100
Major Elective:2	8P15/2E2/MA N	Managerial Economics	4	3	40	60	100
Extra Disciplinary Elective Subject : 1	8P15/2E/HUM	Human Resource Management	4	3	40	60	100
Soft Skills	8P15/2S/INT	Interpersonal Communication	2	2			
	Total		30	24			

SEMESTER III

Core	Course Code	Course Title	Hours	Credit	CA	End Sem	Total
Core: 9	8P15/3C/APE	Applied Econometrics	6	4	40	60	100
Core: 10	8P15/3C/MON	Monetary Economics	5	4	40	60	100
Core: 11	8P15/3C/RES	Research Methodology	5	4	40	60	100
Elective 3	8P15/3E3/MAR	Marketing Management	4	3	40	60	100
Elective 4	8P15/3E4/ POR	Portfolio Management	4	3	40	60	100
Extra disciplinary	8P15/3E/PUB	Public Relations	4	3	40	60	100
Soft Skill	8P15/S3/YMB	Yoga and meditation for Better Living	2	2			
	Total		30	23			

SEMESTER IV

Core: 12	8P15/4C/GDM	Growth and Development Models	6	4	40	60	100
Core: 13	8P15/4C/INT	International Economics	6	4	40	60	100
Core: 14	8P15/4C/EOH	Economics Of Health	6	4	40	60	100
Core: 15	8P15/4C/PRO	Project	6	4	40	60	100
Elective:5	8P15/4E5/EVM	Event Management	4	3	40	60	100
Soft Skill	8P15/4S/EMS	Employability Skills	2	2			
	Total		30	21			

10. TEMPLATE FOR EVALUATION:**SEMESTER**

S.No	Course Code	Course Title	Continuous Assessment				
			Test I	Test II	Quiz/Assignment / Seminar	Participatory Learning	Total
SEMESTER I							
1.	8P15/1C/MIC	Micro Economic Analysis	10	10	10	10	40
2.		Accounting and Auditing	10	10	10	10	40
3.	8P15/1C/MAT	Mathematics for Economists	10	10	10	10	40
4.	8P15/1C/STA	Statistics for Economists	10	10	10	10	40
5.	8P15/1E1/FIN	Financial Economics	10	10	10	10	40
SEMESTER II							
1	8P15/2C/MAC	Macro Economic Analysis	10	10	10	10	40
2		Management Accounting	10	10	10	10	40
3	8P15/2C/OPE	Operations Research	10	10	10	10	40
4.	8P15/2C/STT	Statistics with Computer Applications	10	10	10	10	40
5.	8P15/2E2/MAN	Managerial Economics					
6.	8P15/2E/HUM	Human Resource Management	10	10	10	10	40

SEMESTER III

1.	8P15/3C/APE	Applied Econometrics	10	10	10	10	40
2.	8P15/3C/MON	Monetary Economics	10	10	10	10	40
3.	8P15/3C/RES	Research Methodology	10	10	10	10	40
4.	8P15/3E3/MAR	Marketing Management	10	10	10	10	40
5.	8P15/3E4/ POR	Portfolio Management	10	10	10	10	40
6.	8P15/3E/PUB	Public Relations	10	10	10	10	40

Semester IV

1	8P15/4C/GDM	Growth and Development Models	10	10	10	10	40
2	8P15/4C/INT	International Economics	10	10	10	10	40
3	8P15/4C/EOH	Economics of Health	10	10	10	10	40
4	8P15/4C/PRO	Project	10	10	10	10	40
5	8P15/4E5/EVM	Event Management	10	10	10	10	40

11. PATTERN FOR CONTINUOUS ASSESSMENT:

Test I	2 hrs	50 Marks	CA 10 Marks (converted)
Test II	2 hrs	50 Marks	10 Marks (converted)
Quiz/ Assignment/ Seminar/ Field Visits			10 Marks
Participatory Learning			10 Marks
Total		40 Marks	

12. QUESTION PAPER PATTERN:

COMPONENT	NATURE OF THE QUESTION	MAXIMUM MARKS
Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

13. RUBRICS FOR CONTINUOUS ASSESSMENT EVALUATION:

Assignment	Contents/ Originality/ Presentation/ Schematic Representation and Diagram/ Bibliography
Seminar	Organization/ Subject Knowledge/ Visual Aids/ Confidence Level/ Presentation
Participatory	Answering Questions/ Clearing Doubts/ Participation in Discussion/ Attendance/ Communication and Language
Problem Solving	Understanding Concept/ Formula and Variable Identification/ Logical Sequence/ Answer
Field Trip	Participation/ Preparation/ Attitude/ Leadership
Case Study	Finding the Problem/ Analysis/ Solution/ Justification
Project	Preliminary Work/ Design/ Content/ Presentation

SEMESTER – I

MICRO ECONOMIC ANALYSIS

Teaching Hours : 90

Credits : 4

Course Code : 8P15/1C/MIC

LTP : 3/ 3/ 0

OBJECTIVE:

To enable students to understand the advanced theories of Consumer Behavior and the non-conventional objectives of the firm.

COURSE OUTLINE:

UNIT I: Definition and Scope of Micro Economics – Nobel Laureate - Richard Stone (1984) Theory of Consumer Behaviour -Hicks Logical Ordering — Friedman – Revealed Preference Theory-Savage Hypothesis – Markowitz Hypothesis-Neumann Morgenstern Index.

20hrs

UNIT II: Theory of Firm – Perfect Competition – Monopoly – Monopolistic Competition – Excess Capacity – Selling Cost and Advertisement (Optimal Advertising)

20hrs

UNIT III: Oligopoly – Non-Collusive Oligopoly- Cournot's Duopoly Model- Chamberlin's Oligopoly Model- Paul.M.Sweezy's Model - Stackelberg's Model- Collusive Oligopoly- Cartels, Price Leadership - Discrimination.

20hrs

UNIT IV: Objectives of the Firm – Profit Maximisation Theory – Baumol's Maximisation Theory – Limit Pricing – Marris Model- Williamson Model

15hrs

UNIT V : General Equilibrium-Walrasian System.

15hrs

REFERENCE BOOKS

5. Koutsoyiannis, Modern Micro Economics, Macmillan Press, London, 1979
6. Baumol, W.J, Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi, 1982
7. Stigler, Theory of Price, Prentice Hall of India, New Delhi, 1996
8. Weinturb.E.R, General Equilibrium Theory, Macmillan, London, 1974

JOURNALS:

1. American Economic Review
2. Quarterly Journal of Economics

WEBSITES AND E-LEARNING SOURCES:

1. www.icfaipress.org

1. QUESTION PAPER PATTERN:

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Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

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SEMESTER – I

MATHEMATICS FOR ECONOMISTS

Teaching Hours : 90

Credits : 4

Course Code : 8P15/1C/MAT

LTP : 3/ 3/ 0

OBJECTIVE:

To enable students to understand the application of Mathematical Models to Economic Theories and scientific testing of Economic Theories.

UNIT I: Matrix Algebra and Linear Models-Transpose and Inverse – Determinants and Rank – Test of Non – Singularity –Inverse Matrix – Cramer’s Rule-Nobel Laureate Wassily Leontief (1973) Input – Output Analysis- Hawkins & Simon’s Condition.

20hrs

UNIT II: Differentiation - Partial Differentiation –Second Order – Cross Partial Derivatives- Young’s Theorem

20hrs

UNIT III: Applications of Partial Derivatives in Economics – Extreme Values of Function of Two Variables –Cost and Profit Functions-Lagrangian Function – Jacobian and Hessian.

15hrs

UNIT IV: Elementary Integration Techniques- Indefinite Integrals- Rules of Operation- Definite Integrals- Economic Applications – Derivation of TC and TR from MC and MR- Consumer’s Surplus- Producer’s Surplus.

15hrs

UNIT V: First Order Difference Equation- General Formula - Stability- The Cobweb Model.

20hrs

REFERENCE BOOKS:

1. Allen R.G.D., Mathematical Analysis for Economists, Macmillan and Company Limited, London, 1964.
2. Chiang A.C. Fundamental Methods of Mathematical Economics, McGraw Hill Book Company, New York, 1974.
3. Edward. T. Dowling, Mathematical Economics, 2nd Edition, McGraw Hill, New York, 1992.
4. 1992.
5. Mehta V.L. and Madnani G.M.K, Mathematics for Economists, Sultan Chand and Sons, New Delhi, 2005.
6. Stafford L.W.T. Mathematics for Economists, The English Language Book Society and Macdonald and Evans Limited, London, 1971.
7. Monga, G.S. Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi, 1972.
8. Yamane, Taro, Mathematics for Economists, Prentice Hall of India, New Delhi, 1975.
9. K. Sydsaeter and P. Hammond, Mathematics for Economic Analysis, Pearson Educational Asia: Delhi, 2002.

JOURNALS:

1. Journal of Applied Mathematics
2. Journal of Mathematical Economics

WEBSITES AND e-LEARNING SOURCES:

www.maa.org/pubs/calc_article.ma

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Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

Questions to be included from all units for Section A and B. Questions should be 80% problems and 20% theory.

SEMESTER – I

STATISTICS FOR ECONOMISTS

Teaching Hours : 90

Credits : 4

Course Code : 8P15/1C/STA

LTP:3/ 3/ 0

OBJECTIVE:

To enable students to understand the application of Statistical Tools in Economic Analysis.

COURSE OUTLINE:

- UNIT I:** Interpolation and Extrapolation - Newton's and Lagrange's Methods only.
15hrs
- UNIT II:** Probability – Theorems – Addition- Multiplication -Conditional Probability- Bayes' Theorem Mathematical Expectation- Theoretical Distribution – Normal- Binomial and Poisson
20hrs
- UNIT III:** Index Number – Types of Index Numbers – Construction of Consumer Price Index – Wholesale Price and Production Indices in India.
20hrs
- UNIT IV:** Analysis of Time Series- Measurement of Trend – Semi Averages, Moving Average- Method of Least Square- Seasonal Variations -Theory of Estimation – Types and Properties.
15hrs
- UNIT V:** Simple Correlation, Partial Correlation – Multiple Correlation and Regression – Multiple Regression.
20hrs

REFERENCE BOOKS:

1. Gupta .S.P. Statistical Methods, Sultan Chand and Sons, New Delhi, 2005
2. Sancheti. DC and Kapoor .VK Statistical Theory-Method and Application, Sultan Chand and Sons, New Delhi, 2005.
3. Shukla .MC & Gulshan.SS, Statistical Theory and Practice. Sultan Chand and Sons, New Delhi, 2000.

JOURNALS:

1. Computational Statistics
2. Journal of Applied Statistics
3. Journal of Official Statistics
4. Journal of Statistical Research
5. Journal of Statistical Software

WEBSITES AND e-LEARNING SOURCES:

<http://bmj.bmjournals.com/collections/statsbk/index.shtml>

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Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

Questions to be included from all units for Section A and B. Questions should be 80% problems and 20% theory.

SEMESTER – I

FINANCIAL ECONOMICS

Teaching Hours :60

Credits: 4

Course Code : 8P15/1E1/FIN

LTP: 4/0/0

OBJECTIVE:

To enable students to understand the working of money and capital market and the reforms in the financial sector.

UNIT I: Capital Market – Primary and Secondary Market Structure

10hrs

UNIT II: Intermediaries-Stock Brokers- Underwriters - Depositories - Credit Rating Agencies.

10hrs

UNIT III: Stock Market System – Trading- Listing – Market Efficiency – Pricing – Insider in India – Investor protection.

15hrs

UNITIV: Derivative Markets – Options and Futures- Derivative Market in India – Recent Trends.

15hrs

UNIT V: Stock Market System in India – NSE – SEBI – OTC Online Trading System – Recent Trends in Capital Market Operations.

10hrs

REFERENCE BOOKS:

1. William F Sharpe and Gordon J Alexander, Investments-4th Edition, Prentice Hall India, 1994.
2. M.Y.Khan, Financial Services, Tata McGraw-Hill Co, New Delhi, 2002
3. D.M.Chance, Introduction to Derivatives and Risk Management, Edition 6m Thomson South Western, London, 2004

JOURNALS:

1. Ingenta Connect Publication: Journal of International Financial Economics
2. Journal of International Financial Economics

WEBSITES AND e-LEARNING SOURCES:

[www.fma.org /](http://www.fma.org/)

www.icfaipress.org

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Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – II

MACRO ECONOMIC ANALYSIS

Teaching Hours : 75

Credits : 4

Course Code : 8P15/2C/MAC

LTP:3/ 2/ 0

OBJECTIVE:

To enable students to understand the advanced theories of Macro Economics and the implementation of Macro Economic policy in India.

COURSE OUTLINE:

- UNIT I :** Nature and Scope of Macro Economics – Consumption Function – Empirical Evidence – Multiplier – Measurement and Applications. 15hrs
- UNIT II :** Investment – Determinants - MEI – Accelerator – Super – Multiplier. 15hrs
- UNIT III:** Nobel Laureate James Tobin (1981) Theory of Portfolio Selection Model – Baumol's Inventory Theory – Integration of Monetary and Value Theories –Milton Friedman- Don Patinkin – Real Balance Effect-Monetarism Vs Keynesianism. 15hrs
- UNIT IV:** General Equilibrium in the Product and Money Market – Nobel Laureate John Hicks (1972) – Hansen Analysis – Derivation of IS & LM Function – Dynamic Adjustment of IS/LM Models. 15hrs
- UNIT V :** Nobel Laureate Robert Lucas, Jr(1995)Rational Expectation- Lucas Critique-Phillip's Curve- Non- Accelerating Inflation- Role of Unemployment (NAIRU). 15hrs

REFERENCE BOOKS:

1. Shapiro, E., Macro Economic Analysis, Galgotia Publications, New Delhi, 1996.
2. Rinerm D.L., Advanced Macro Economics, McGraw Hill Company Limited, New York, 1996
3. Surrey, M.J.C. (Ed), Macro Economic Themes, OUP, Oxford, 1976.
4. Duesenberry, J.S, Income ,Saving and the Theory of Consumer Behaviour. Harvard University press, Harvard ,1949.
5. Koutsoyiannis. A, Macro Economics, Macmillan Press Ltd, London 1975.
6. Richard T. Froyen, Macroeconomics - Theories and Policies, Pearson, Eighth ed.
7. Powelson,J.P. National income and Flow of Funds Analysis McGraw Hill Company Limited, New York,1960.
8. Friedman,M. The Theory of Consumption Function,Princeton University Press, Princeton, 1957.
9. Keynes J.M. The General Theory of Employment ,Interst,and Money, Macmillan,London,1936.

JOURNALS:

1. The B.E Journal of Macro Economics .
2. The Journal of Macro Economics
3. American Economic Journal: Macro Economics.
4. Journal of Monetary Economics
5. Journal of Economist

WEBSITE AND e-LEARNING SOURCES:

www.bepress.com

www.elsevier.com

www.econlit.org

www.econphd.net

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Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – II

OPERATIONS RESEARCH

Teaching Hours : 75 Credits : 4

Course Code : 8P15/2C/OPE

LTP: 3/ 2/ 0

OBJECTIVE:

To enable students to understand the essential quantitative tools to make decision making a rational process.

COURSE OUTLINE:

UNIT I: Operations Research – Introduction – Meaning – Scope – Models – Limitations – Formulation – Application in Management Decision making.

15hrs

UNIT II: Nobel Laureate Tjalling Koopmans (1975) Transportation Models – Assignment Models – North West Corner Rule Method – Least Cost Entry Method
Vogel's Approximation method

15hrs

UNIT III: Decision Theory – Certainty - Uncertainty - Use of Probability – Applications – Baye's Theorem – Decision Trees.

15hrs

UNIT IV: Network Analysis – Construction of the Network – Time and Critical Path Calculations - CPM.

15hrs

UNIT V: Queuing Theory – Single Channel - Erlang Model- Number of Customers in Number Waiting in Line & System- Waiting Time Line & System – System- Fundamental - Uses

15hrs

REFERENCE BOOKS:

1. Hamdy A. Taha , Operations Research; An Introduction, Prentice Hall of India Private Limited, New Delhi ,2003.
2. Hiller. F and Liberman G.J, Introduction to Operations Research ,CBS Publishers and Distributors , New Delhi, 1999.
3. KanthiSwarup, Gupta P.K. and Manmohan , Operations Research , Sultan Chand and Sons New Delhi,1992.
4. Kapoor V.K, Operation Research, Sultan Chand and Sons, New Delhi,1987.
5. Gupta P.K and Manmohan Problems in Operations Research (Methods and solutions), Sultan Chand and sons, New Delhi,1998.

JOURNALS:

1. Annals of Operations Research
2. Journal of the Operational Research Society.

WEBSITES AND e-LEARNING SOURCES:

www.solver.com

ops.research.com

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Questions to be included from all units for Section A and B. Questions should be 80% problems and 20% theory.

SEMESTER – II

STATISTICS WITH COMPUTER APPLICATIONS

Teaching Hours : 75

Credits : 4

Course Code : 8P15/2C/STT

LTP : 3/ 2/ 0

OBJECTIVE:

To enable students to understand the sophisticated methods of statistical analysis and the analysis of mass data and variables using statistical package.

COURSE OUTLINE:

UNIT I : Sampling Methods - Hypothesis Testing, Standard Error – Large Sample Test for Two Means and Two Standard Deviations – Two Proportion and Confidence Interval.

15hrs

UNIT II : Small Sample Test – t-Test – Paired t-Test-Chi Square Test of Goodness of Fit – Test of Homogeneity, Test of Independence of Two Attributes.

15hrs

UNIT III: F Test- Analysis of Variance One Way- Two Way Classifications-Design of Experiments- Latin Squares.

15hrs

UNIT IV: Univariate and Multivariate Analysis

15hrs

UNIT V : Introduction-Statistical Data Files- Statistical Workbook – Installation Data Spreadsheet Toolbar – Scroll Sheet – Applications – Diagrams and Graphs, Elementary Concepts in Statistics- Applications in Computer – Correlation, Multiple Correlation, Regression, Multiple Regression, ANOVA (Practical Examination Only).

15hrs

REFERENCE BOOKS:

1. Gupta .S.P. Statistical Methods, Sultan Chand and Sons, Delhi 2005.
2. Sancheti. DC and Kapoor .VK Statistical Theory-Method and Application, Sultan Chand and Sons, Delhi, 2004.
3. Shukla .MC & Gulshan.SS Statistical Theory and Practice. S.Chand& Co. Delhi, 2000.
4. Sheridan.J.Coakes, Lyndall Steed.& Peta Dzidic Spss for Windows, Wiley India Pvt Ltd Delhi.2007.

References Statistical Software:

1. STATA – Computing Resource Center 10801 National Blvd, Los Angeles, CA 90064.
2. STATGRAPHICS - STSC Inc, 2115E, Jefferson St, MD 20852(800)592-0050.
3. SYSTAT – Systat Inc, 1800 Sherman Ave, Evanston IL 60201.
4. STSTPRO – Penton Software Inc.

JOURNALS:

1. Computational Statistics
2. Journal of Applied Statistics
3. Journal of Official Statistics
4. Journal of Statistical Research
5. Journal of Statistical Software

WEBSITES AND e-LEARNING SOURCES:

[http; // bmj.bmj journals .com/collections/statsbk/index.shtml](http://bmj.bmjournals.com/collections/statsbk/index.shtml)

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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

Questions to be included from all units for Section A and B. Questions should be 80% problems and 20% theory.

SEMESTER II

MANAGERIAL ECONOMICS

Teaching Hours : 60

Credits: 3

Course Code : 8P15/2E2/MAN

LTP: 4/0/0

OBJECTIVE:

To enable students to understand the models and managerial theories of the firm and the methods for selecting projects under risk and uncertain conditions.

UNIT I: Definition of Economic Models – Types of Models – Analyzing Cases in Managerial Economics – Usefulness of Case – Study Method – Limitations of Case Study Method.

15hrs

UNIT II: Inventory Management- Types of Inventory - Methods of Inventory Control –
EOQ, ABC,VED Analysis

10hrs

UNIT III: Role of Government in Market Economy – Legal and Social Framework – Restraining Unfair Competition – Increasing Market Power – Reallocation of Resources – Redistribution of Income – Regulation of Natural Monopoly – Stabilisation of the Economy.

15hrs

UNIT IV: Risk in Project Analysis – Selection of a Project – Finite Horizon Method
Certainty – Equivalent Approach – Decision Tree Approach – Sensitivity Analysis.

10hrs

UNIT V : Economics and Business Forecasting – Economic forecasts – Methods of Economic forecasting – Evaluating forecasts.

10hrs

REFERENCE BOOKS:

1. Brigham, E.F , “ Financial Management Theory and Practice”, 2nd Hinsdale III – the Dryden Press, 1989.
2. Teman, D.R. and Stone Hill A.L., “ Multi National Business Finance”, 5th Ed. Mars; Addison – Wesley, New Delhi 1989.
3. M. Varma, , “Materials Management “ Sultan Chand & Sons, Fourth Ed, New Delhi 2003
4. Metha.P.L. ,”Managerial Economics – Analysis, Problems and . Cases”, Sultan Chand &Sons, New Delhi, 2005
5. Idenbaum, M.L (1979), “ Business, Government and the Public, Englewood Cliffs, N.J Prentice Hall, India,

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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – II

HUMAN RESOURCE MANAGEMENT

Teaching Hours: 60

Credits: 3

Course Code : 8P15/2E/HUM

LTP: 4/0/0

OBJECTIVE:

To enable the students to know Employee Empowerment, Human Resources Planning, potential appraisal and ultimately management of human resources.

COURSE OUTLINE:

UNIT I: Human Resource Management - Meaning – Objectives- Functions- Scope- Role of HR Manager- Difference between HRM and Personnel Management. 10hrs

UNIT - II : Human Resource Planning – Definition, Objectives, Process -Recruitment – Sources, Process– Selection- Method- Process - Placement and Induction. 10hrs

UNIT - III : Maintenance and Retention – Job evaluation – Objectives, Methods – Training – Need- Steps- Importance – Motivation – Meaning, Theories-Motivation and Morale. 15hrs

UNIT – IV : Performance Appraisal - Concept- Purpose- Process- Methods – Potential Appraisal. 10hrs

UNIT – V : Industrial Relations – Concept - Causes of Industrial Disputes- Settlement. 15hrs

REFERENCE BOOKS

1. Gary Dessler, Human Resource Management, Prentice Hall of India Pvt Ltd., (2006)
2. K.Aswathappa, Human Resource Management, Tata MC Graw Hill (2006)
3. Srinivas Kandula, HRM in Practice, Prentice. Hall of India Pvt Ltd., (2004)
4. International Human Resource Management, Anne wilHarzing, JvanRuvseveld (2004)
5. Human Resource Management, S.S.Khanka, S.Chand& Co. Pvt Ltd., (2005)

JOURNALS:

1. NCAER Reports.
2. Management Review
3. National Productivity Council Reports
4. Reports of the ILO.

WEBSITES AND E-LEARNING SOURCES:

<http://www.shm.org>

<http://www.ilr.comell.edu>

<http://www.dol.gov>

<http://www.trainingnet.com>

www.virtueinfo.com

www.thinkingmanagers.com

QUESTION PAPER PATTERN:

COMPONENT	NATURE OF THE QUESTION	MAXIMUM MARKS
Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – III

APPLIED ECONOMETRICS

Teaching Hours : 90

Credits: 4

Course Code : 8P15/3C/APE

LTP :3/3/0

OBJECTIVE:

To enable the students to understand the basic concepts of econometrics and the role of economic variables in econometrics.

COURSE OUTLINE:

UNIT I : Dummy Variables - ANOVA Models - The ANCOVA Models – Chow test – Piecewise Linear Regression – Drawing inference 15 HRS

UNIT I : Dynamic Econometric Models: Autoregressive and Distributed Lag Models – Estimation of Distributed – LAG Models – The KOYCK Approach to Distributed – Lag Models - Instrumental Variables – Detecting Auto correlation in Autoregressive Models : Durbin h test –The Almon Approach to Distributed – Lag Models – Causality – Granger Causality test 20 HRS

UNIT III: The identification problem – Definitions – – Rules for identification – A test of simultaneity – Test for Exogeneity. 15 HRS

UNIT IV : Simultaneous – Equation Methods – Approaches to Estimation – Recursive Models and Ordinary Least Squares – Estimation of just, over and under identified equation : The Method of Indirect least squares (ILS) – Estimation of an overidentified equation : The Method of Two – Stage least Squares (2SLS). 20HRS

UNIT V: Time series Econometrics: Forecasting – Approaches to Economic Forecasting – AR , MA and ARIMA Modeling of Time Series Data – Box-Jenkins (BJ) Methodology – ARCH and GARCHs 20 HRS

Recommended Text Books:

1. Gujarati, Damodar N, “ Basic Econometrics:, 3ed Mc Graw Hill, New York (1995).
2. Klein, Lawrence R: “ An Introduction to Econometrics:, Prentice Hall, Inc, Englewood Cliffs, N J. (1962)

Reference Books:

1. Anderson, Sweeny, Williams, Statistics for Business and Economics-8th Edition by Thomson Asia Pta, Singapore 2005.
2. Damodar N Gujarati,(1999), Essentials of Econometrics-Mc Graw Hill International Edition.
3. James H Stick, Mark W Watson, (2005), Introduction to Econometrics-Edition 2005, Pearson Education (Singapore) Pte Ltd, Indian Branch, 482 F.I.E Patparganj, Delhi 110 092, India
4. Paul Keynes, Peter J Boettke (2004) The Economic Way of Thinking, David L Prychitko Edition.
5. Jeffrey M. Wooldridge, Econometrics, CENGAGE learning, India Edition, 2009.
6. Dimitrios Asteriou and Stephen Hall, Applied Econometrics: A Modern Approach, Palgrave Macmillan, 2007

1. QUESTION PAPER PATTERN:

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Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

The question should have 40% of sums and 60% theory

SEMESTER-III

MONETARY ECONOMICS

Teaching Hours : 75

Credits : 4

Course Code : 8P15/3C/MON

LTP : 3/2/0

OBJECTIVE:

To enable students to understand the concept of money and the theoretical and empirical dimensions of monetary system.

COURSE OUTLINE:

UNIT I : Demand for Money – The Classical Approach – Keynesian Approach – The Post –Keynesian Approach (Milton-Friedman, W.J.Baumol, James Tobin).

15hrs

UNIT II: Monetary Transmission Mechanisms - The channels of Monetary Influence – Money Stock – Credit availability – Aggregate expenditure – Expectations-Supply of Money- Nature and Function.

15hrs

UNIT III : The Patinkin System – Real Balance Effect -The Neutrality of Money-Inside Money-Outside Money

15hrs

UNIT IV: Financial Intermediaries –Non Banking Financial Intermediaries (NBFI) –Nature-Functions.

15hrs

UNIT V: Role of Money- Classical- Keynesian –Recent Indian Monetary Policy- Role of Reserve Bank of India - Expansionary and Restrictive Monetary Policy, Time Lags in Monetary Policy.

15hrs

RECOMMENDED TEXT BOOKS:

1. Goldfield and Chandler, The Economics of Money and Banking, Harper and Row, Newyork, 2001.
2. David G.Pierce and David.M.Shaw, Monetary Economics, London Butterworths, 1974.

REFERENCE BOOKS:

1. David G.Pierce and David.M.Shaw, Monetary Economics, London Butterworths, 1974.
2. Don Pantinkin, Money, Interest and Prices,An Integration of Monetary and ValueTheory. AHarper International Edition.
3. Friedman.M.Studies in the Quantity Theory of Money, Chicago, 1956.
4. Laidler, D.E.W, Demand for Money;Theory and Evidence, Newyork,1977.

1. QUESTION PAPER PATTERN:

COMPONENT	NATURE OF THE QUESTION	MAXIMUM MARKS
Part A Answer five out of eight questions (5x8=40)	Definitions, Descriptions, Concepts Evaluation	40 Marks
Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – III

RESEARCH METHODOLOGY

Teaching Hours : 75

Credits : 4

Course Code : 8P15/3C/RES

LTP :3/2/0

OBJECTIVE:

To enable students to have a clear view about conducting Research in a scientific manner.

COURSE OUTLINE:

- UNIT I :** Research in Economics - Meaning, Objectives, need and scope- Present Position of Research in Economics in India. 15hrs
- UNIT II :** Scientific Attitude in Economic Research - Basic elements of scientific method fact, conceptual and operational definitions, assumptions, hypotheses- Primary and Secondary data. 15hrs
- UNIT III:** Research Design - Meaning and types- Surveys and sampling- probability and non-probability sampling Logical- Mathematical and Statistical methods- Case Study Methods. 15hrs
- UNIT IV:** Tools of Research - Participant and Non-Participant Observation- Questionnaire- Interview Schedule-Pilot study- Pre-Testing. 15hrs
- UNIT V :** Report Writing - Plan of Research Report- Style and mechanics of writing Research Reports. 15hrs

RECOMMENDED TEXT BOOKS:

1. Young, Pauline V. 1977, Scientific Social Surveys and Research, Prentice Hall of India, New Delhi.
2. Goode, 1983, William J and Paul K Hatt, Methods in Social Research, McGraw-Hill International Book Co. London.

REFERENCE BOOKS:

1. Bhattarya S. K., 1990, Methodology in Research
2. Das Gupta, 1995, Methodology in Research
3. Ferber and Verdorn, Research Methods in Economics and Business
4. Kurien C. T. (Ed), 1992. A Guide to Research in Economics, Sangam Publishers, Chennai.

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Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – III

MARKETING MANAGEMENT

Teaching Hours : 60

Credits : 4

Course Code : 8P15/3E3/MAR

LTP :4/0/0

OBJECTIVE:

To enable students to understand the essentials of marketing management.

COURSE OUTLINE:

UNIT I: Definition of Marketing Management – Evolution, Functions and Characteristics
– Problems – Creativity in Marketing.

20hrs

UNIT II: Marketing Mix – Personal Selling – Advertisement – Sales Promotion – Public
Relations – Functions and Importance.

10hrs

UNIT III: Market Segmentation – Importance – Bases – Methods- Marketing Network.

10hrs

UNIT IV: Marketing Planning and Strategic Planning – Definition - Importance – Benefits of
Planning Process- Marketing Information.

10hrs

UNIT V: Marketing Organization – Evolution – Essentials – Principles – Types, Marketing
Environment – Meaning – Types – Internal and External- e-commerce-Telemarketing.

10hrs

RECOMMENDED TEXT BOOKS:

1. Kotler Philip, Marketing Management Analysis, Planning and Control, Prentice Hall of India , New Delhi,1997
2. Ramaswamy V.A. and Namakumari, Marketing Management Macmillan India Ltd., Chennai.

REFERENCES BOOKS

1. Kotler Philip, Marketing Management Thomson Press , New Delhi, 2003
2. Proctor Tony, Marketing Management Integrated Theory and Practice, International Thomson Business Press, 1996
3. Davar, Modern Marketing Management, Universal Book Stall, New Delhi. 1996
4. Kapoor D.C., Marketing and Sales Management, S.Chand&Company , New Delhi, 2004

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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – III

PORTFOLIO MANAGEMENT

Teaching Hours : 60

Credits : 4

Course Code : 8P15/3E4/POR

LTP :4/0/0

OBJECTIVE:

To enable students to understand the basics of portfolio management.

COURSE OUTLINE:

- UNIT I:** Definition of Investment, Risk and Return, Investment Avenues, Investment Attributes and structure of the Capital Market. Definition - Portfolio Management, functions of Portfolio Management, types Of Managed Portfolios--Portfolio Management Practices in India.
10hrs
- UNIT II:** Concept of Risk in Finance Theory - Sources of risk- diversification of Risk- Measurement of Risk - return in Individual Stocks and Portfolios,- Markowitz Diversification and Classification of Risks- Sharpe's Single Index Market Model.
15hrs
- UNIT III:** Importance of macro-economic environment in security evaluation, opportunities and threats in macro-economic environment-- trade cycles and economic forecasting techniques.
10hrs
- UNIT IV:** Efficient market theories – Cootner's Price-Value Interaction Model-- Samuelson's Continuous Equilibrium Model--Different Forms of Efficient Market Hypothesis and their implications.
15hrs
- UNIT V:** Capital Asset Pricing Model –Basic Assumptions of the CAPM-- Issues behind the CAPM Framework--Capital Market Line-- Security Line.
10hr

RECOMMENDED TEXTBOOKS:

1. Avadhani, V.A.: "Investment and Securities Markets in India", Himalaya Publishing House, 1st Edition 1992.
2. Richard C. Grinold and Ronald N. Kahn: "Active Portfolio Management: A Quantitative Approach for Producing Superior Returns and Controlling Risk", 2nd edition, Mc Graw Hill Professional, 1999.

REFERENCES BOOK

1. Bhalla, V. K.: "Investment Management," S. Chand & Company Ltd, New Delhi, 1983.
2. Fischer, D.E. and Jordan R.J.: "Security Analysis and Portfolio Management", 5th Edition, New Delhi, Prentice-Hall of India (P) Ltd., 1992.
3. Simha, S.L.N, Hemalatha, D and Balakrishnan, S: "Investment Management", Institute for Financial Management and Research, 1979.
4. Yasaswy: "Equity Investment Strategy", Tata McGraw Hill ,New Delhi, 1986.



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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – III

PUBLIC RELATIONS

Teaching Hours : 60

Credits: 3

Course Code : 8P15/3E/PUB

LTP :4/0/0

OBJECTIVE:

To understand the importance of developing goodwill of organization with the public at large and to identify the various tool used to promote public relations.

COURSE OUTLINE:

UNIT I: Definition – Distinction between Public Relations and Related Concepts – Publicity, Advertising, Press Agency, Public Affairs.

15hrs

UNIT II: Importance of Communication – Elements of Communication Model – Effect of Public Relations in Communication.

10hrs

UNIT III: Methods of Public Relations – Press – Printed Word – Photography – Exhibition and Trade Fairs – Film – Radio and Television – Speaking in Public – Advertising and public Relations.

15hrs

UNIT IV: Role of Research in Public Relations – Definition – Purpose – Formal and informal Methods – Steps in the Survey Research Project.

10hrs

UNIT V: Planning in Public Relations – Strategy Planning – Objectives – Planning Process.

10hrs

RECOMMENDED TEXT BOOKS:

1. Michael Regester. Judy Larkin, Risk Issues & Crises Management in Public Relations, The Institute of Public Relations, New Delhi.
2. Balu V., Marketing & Marketing Research, Sri Venkateswara Publications, Thrupathi, 1999.

REFERENCES BOOKS

1. Philip Kotler, Marketing Management Analysis Prentice Hall of India, 1988.
2. Rajan, Marketing Management, Saxena, Tata McGraw Hill , New Delhi, 1989.

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Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER III

YOGA AND MEDITATION FOR BETTER LIVING

Teaching Hours : 30

Credits : 2

Course Code : 8P15/S3/YMB

LTP: 2/0/0

UNIT I: Yoga – Introduction – Yoga as a Science Of Art - The five elements - The steps to the followed - Yoga And Health benefits (The physical and Mental) – Theoretical insight into 10 asanas – Pranayama techniques – Surya pranayama – Nadishuddi and Bastrika – Diet – Nutrition and Health – Understanding Human anatomy and Acupressure Points 10 hrs

UNIT II: Meditation – Introduction – Brain wave patterns – The sub Conscious Mind – Chakras – Anthakarna – Koshas – Receiving universal energy –Goal visualization – The physical body and the etheric body – Positive affirmations – The protective shield .- Emotional Balance – The kundalini Shakti 10 hrs

UNIT III: Practice on 10 Asanas and simplified Physical Exercises – Practical sessions on Meditation – Relaxation techniques and cleansing of chakras – Practical lessons on few Mudras. 10hrs

RECOMMENDED TEXT BOOKS

1. Simplified Physical Exercises – Vethathiri Maharishi
2. Yoga Sutras of Patanjali – HariharanandaAranya, University of Calcutta Press, Calcutta
3. Meditation for Beginners – Vikasthalkani

Evaluation Pattern

Internals – Practical

Semester – Theory

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Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER- IV

GROWTH AND DEVELOPMENT MODELS

Teaching Hours : 90

Credits: 4

Course Code :8P15/4C/GDM

LTP : 3/3/0

OBJECTIVE:

To enable the students to become proficient in NET and SLET examinations

COURSE OUTLINE:

- UNIT I:** Introduction - Nobel Laureate Robert Fogel(1993)Economic Growth, Economic Development and Sustainable Development –Vicious Circles of Poverty, Circular Causation– Measurement of Development: HDI and Quality of Life Indices. **15 hrs**
- UNIT II:** Models of Growth - Harrod -Domar Model – Nobel Laureate Robert Solow (1987) Model of Steady Growth - Joan Robinson’s Model – Kaldor’s Growth Model **20hrs**
- UNIT III:** Theories of Development - Theories of Economic Development: Adam Smith-Thomas Robert Malthus –Nobel Laureate Arthur Lewis (1979) Model of Development – Ranis and Fei Model of a ‘Dual Economy’. **20hrs**
- UNIT IV:** Importance of Agriculture, Industry and Trade in Economic Development - Choice of Techniques and appropriate technology –Nobel Laureate James M Buchanan (1986) Cost-benefit analysis – International Trade as a ‘engine of growth’ –Myrdal Theory of Cumulative Causation – Nobel Laureate Kenneth Arrow (1972) Model. **20hrs**
- UNIT V:** Planning and Economic Development - Trends in Agricultural Development in India After (2000) - Trends in Industrial Development in India (After 2000). **15hrs**

15hrs

RECOMMENDED BOOKS:

1. Taneja , Meir – Theories of Growth and Planning .
2. Benjamin Higgins Economic Development, Problems, Principles and Policies, Universal Book Stall, New Delhi

REFERENCES BOOKS

1. M.L.Jhingan The Economics of Development and Planning, Vrinda Publication, New Delhi
2. D.C Dhingra Indian Economy
3. H.G.Mannur International Economics, Vikas Publishing House, New Delhi

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Part A : Can choose 5 questions, out of 8 covering all the five units.

Part B : Can choose 3 questions out of 5 questions covering all the five units

SEMESTER – IV

INTERNATIONAL ECONOMICS

Teaching Hours : 90

Credits : 4

Course Code : 8P15/4C/INT

LTP :3/3/0

OBJECTIVE:

To enable students to understand to study the tools and Theories of International Trade and the role of International Organizations on world trade.

COURSE OUTLINE:

- UNIT I :** Theories of International Trade- Stolper- Samuelson Theorem- Metzler Paradox- Nobel Laureate Paul Krugman (2008) - Rybnzynski
20 hrs
- UNIT II :** Exchange Control Measures – Objectives – Methods – Determination of Equilibrium Exchange Rate – Theories – Mint Par – Purchasing Power Parity – Balance of Payment Theory.
20hrs
- UNIT III :** Balance of Payment – Structure – Disequilibrium – Causes – Remedies– The Absorption Approach – Effects –Foreign Trade Multiplier – Backwash Effects -Dumping- Anti-Dumping methods.
15hrs
- UNIT IV :** Foreign Direct Investment - Types – Merits and Demerits – Role and Functions of Multi-National Corporations – Technology Transfer- Impact of Foreign Capital on India's Economic Development.
15hrs
- UNIT V :** WTO - NAFTA- RTAS- RIAS- North- South Dialogue- South- South Dialogue- EEV.
20hrs

RECOMMENDED TEXT BOOKS

1. Bo Sodersten, International Economics. Macmillan Press Ltd, London, 1985.
2. Chacholiades, International Economics , McGraw Hill Company Limited, New York, 1990.

REFERENCE BOOKS:

1. Heller, Robert, International trade; Theory and Empirical Evidence, Prentice Hall, 1973.
2. Charles P. Kindleberger. International Economics Macmillan Press Ltd, London, 1970.
3. Andrew Crockett , International Money, Issues and Analysis, Macmillan Press Ltd, London, 1977.
4. Paul Krugman, Maurice Obstfeld, and Marc Melitz, International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition, 2012.
5. Dominick Salvatore, International Economics: Trade and Finance, John Wiley International Student Edition, 10th edition, 2011.

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SEMESTER IV

ECONOMICS OF HEALTH

Teaching Hours : 90

Credits : 4

Course Code : 8P15/4C/EOH

LTP :3/3/0

UNIT I: Health Economics – Importance of Health Economics – The principle of the Margin – Efficiency and equity concept of economic evaluation - Different types of Health Economic Evaluation
15HRS

UNITII : Four Key health Concepts – Scarcity and Sacrifice Efficiency – Opportunity Cost – utility – concept of Economic Evaluation – Measuring Benefits and Costs – Resource Allocation Decision in Health Care – An Economists approach to getting NHS Budget- at Macro and Micro Levels.
20 HRS

UNITIII: Demand for Health theory and applications: Basic concepts of the economic approach – Health production function –Effects of Change in prices – Changes in the technical knowledge.
20HRS

Unit: IV: Health Indication – Birth Rate , Fertility Rate – Morbidity – Mortality – Disability life style status , DALY, QALYS , Sources – WHO – CSO –NFHS
20 HRS

UNIT: V: Health Insurance – Medical Ethics – Medical Tourism
15HRS

RECOMMENDED TEXT BOOKS

1. M. Grossman, 'The Shadow price of Health in the Economics of Health. Vol. 1 by A.J. Culyer (ed) (1991), Edward Elger publishing Ltd, UK.
2. Volan Brian (1993) Economics Incentives, Health status & Health services, Utilisation , Journal of Health Economics. vol. 2 .

REFERENCES BOOKS

1. V.K.Nanda: Health Education Anmol Publication Pvt. Ltd. 1980
2. Syed Amin Tabishi Hospital and Health Services Administration Principel and Practice.. Anmol Publication Pvt. Ltd. 1980
3. Abel-smith, Brian wolper L.F and Pena.JIn Introduction to Health : Policy, planning and financing, Longman Group Limited, England-
4. Health care Administration, 2000. (Principles and practice) An Aspen publication, Maryland, USA.
5. UmeshKher, "The Hospital Wars. "Business Week, December 11. 2006

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SEMESTER – IV

RESEARCH METHODOLOGY– PROJECT REPORT

Teaching Hours : 90

Credits : 4

Course Code : 8P15/4C/PRO

OBJECTIVE:

To train the students to conduct research in a scientific manner.

Submission of Project Report on any one Economic or Business Management Issues.

SEMESTER – IV

EVENT MANAGEMENT

Teaching Hours : 60

Credits : 3

Course Code : 8P15/4E5/EVM

LTP :4/0/0

OBJECTIVE:

To get knowledge about the various aspects of event management.

COURSE OUTLINE:

UNIT I: Introduction to Event Management – Definition – Types – Scope – Design.

15hrs

UNIT II: Departments in Event Management – Finance and Accounts in Events – Role of Event Manager.

10hrs

UNIT III: Creativity in Event Management – Set Design, Sound, Light, Special effects – Televised-Events – Use of Internet in Event Management.

10hrs

UNIT IV: International Events – Awards – Special Events – Celebrity and Artiste Management - Sports.

10hrs

UNIT V: Event Management Industry in India—Institutions—Agencies—Networking—Contract—Sub contract—Outsourcing.

15hrs

RECOMMENDED TEXT BOOKS :

1. Bruce L. Skinner & Vladimir Rukavi – Event Sponsorship, John Wiley & Sons, inc, Canada, 2003.
2. Gold Blatt, Dr. Joe – Special Events ; Twenty first Century Global Even Management, John Wiley & Sons inc ,New York,2002.

REFERENCE BOOKS :

1. Julia Rutherford Silvers – Professional Event Co-Ordination John Wiley& Sons, inc, Canada, 2004
2. Peter Tarlow – Event Risk Management and Safety, John Wiley & Sons, inc, New York,2002.

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Part B Answer any three out of five questions (3x20=60)	Understanding Descriptions/ Problems Application/Analysis/ Synthesis/ Evaluation	60 Marks

Part A : Can choose 5 questions, out of 8 covering all the five units.

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SEMESTER IV

EMPLOYABILITY SKILLS

Teaching Hours : 30

Credits : 2

Course Code : 8P15/4S/EMS

LTP: 2/0/0

UNIT I: Preparing a Curriculum Vitae - Key information – Scientific Approach

15HRS

UNIT II: Dos and Don'ts – Tenets – Mock Interview – Presentation – Practical

5 HRS

UNIT III: Soft skill improvement – Communication Skills – Listening – Skills- Build Relationships – Practice Leadership – Taking initiative

10 HRS