APPENDIX-10 (R)
UNIVERSITY OF MADRAS
M.A. DEGREE COURSE IN ECONOMICS
CHOICE BASED CREDIT SYSTEM
(To take effect from the academic year 2013 - 2014 and thereafter)

I. That in the Regulations relating to M.A. Degree Course in Economics – under Regulation No. 5-Scheme of Examinations be modified to read as follows.

REVISED SCHEME OF EXAMINATIONS

FIRST SEMESTER

<table>
<thead>
<tr>
<th>Core</th>
<th>Course Component</th>
<th>Semester</th>
<th>Inst. Hours</th>
<th>Credits</th>
<th>Exam Duration Hours</th>
<th>Max Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Paper-I</td>
<td>Micro Economic Theory - I *</td>
<td>I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Core Paper-II</td>
<td>Indian Economic Development and Policy – I*</td>
<td>I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Core Paper-III</td>
<td>Research Methodology*</td>
<td>I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Elective-I</td>
<td></td>
<td>I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Elective-II</td>
<td></td>
<td>I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Soft Skill-I</td>
<td></td>
<td>I</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>40</td>
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SECOND SEMESTER

<table>
<thead>
<tr>
<th>Core</th>
<th>Course Component</th>
<th>Semester</th>
<th>Inst. Hours</th>
<th>Credits</th>
<th>Exam Duration Hours</th>
<th>Max Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Paper-IV</td>
<td>Micro Economic Theory – II*</td>
<td>II</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Core Paper-V</td>
<td>Indian Economic Development and Policy – II</td>
<td>II</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
</tbody>
</table>
### THIRD SEMESTER

<table>
<thead>
<tr>
<th>Course Component</th>
<th>Semester</th>
<th>Inst. Hours</th>
<th>Credits</th>
<th>Exam Duration Hours</th>
<th>Max Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Paper-VI</td>
<td>II</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Elective III</td>
<td>II</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Extra Discipli-</td>
<td>II</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
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<td>nary - I</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soft Skill - II</td>
<td>II</td>
<td>- 2</td>
<td>-</td>
<td>40</td>
<td>60</td>
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</tbody>
</table>

**Internship** will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Mark Statement.

**SEMESTER-I:**

Elective paper- I:  (Choose any ONE from the following)

1. Principles of Management-I*
2. Comparative Economic System-I
Elective paper- II:  (Choose any ONE from the following)
1. Mathematics for Economists-I*
2. Environmental Economics-I*

SEMESTER-II:

Elective paper-III:  (Choose any ONE from the following)
1. Principles of Management-II*
2. Comparative Economic System-II

Extra Disciplinary-I   (Choose any ONE from the following)
1. Economics of Development-I*
2. Tamil Nadu Economy*
3. Economics of Human Resources Development-I

FOURTH SEMESTER

<table>
<thead>
<tr>
<th>Core</th>
<th>Course Component</th>
<th>Semester</th>
<th>Inst Hours</th>
<th>Credits</th>
<th>Exam Duration Hours</th>
<th>Max Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Paper-X</td>
<td>Macro Economic Theory – II*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Core Paper-XI</td>
<td>Public Economics- II*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Core Paper-XII</td>
<td>International Economics–II*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Core Paper-XIII</td>
<td>Monetary Economics</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Core paper-XIV</td>
<td>Project Plus Viva - Voce</td>
<td>IV</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>25 75</td>
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<tr>
<td>In lieu of Project, TWO Core papers (XIV &amp; XV)</td>
<td>Financial Economics*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td></td>
<td>Organizational Behaviour*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Elective-V</td>
<td>Soft Skill - IV</td>
<td>IV</td>
<td>3 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
</tr>
</tbody>
</table>

* Internal – 40 Viva – 40 Project Report 120 Total (200)

A-10
Project: Internal - 40 Marks – 2 out of 3 presentations
(Break up for Viva - 40 Marks
200 Marks) Project Report - 120 Marks

SEMESTE-III:

Elective paper-IV: (Choose any ONE from the following)
1. Mathematics for Economists-II*
2. Environmental Economics-II*

Extra Disciplinary -II: (Choose any ONE from the following)
1. Economics of Development-II*
2. Economics of Human Resource Development-II
3. Entrepreneurial Development*

SEMESTE-IV:

Elective paper- V: (Choose any ONE from the following)
1. Managerial Economics*
2. Computer Application in Economic Analysis*
3. Operations Research*

* Common papers for M.A. Degree Course in Economics and M.A. Degree Course in Business Economics.

II. The above amendment to the Regulations take effect from the academic year 2013-2014 and thereafter.

*****

AC.S’12

APPENDIX-10(S)
UNIVERSITY OF MADRAS
M.A. DEGREE COURSE IN ECONOMICS
(CBCS)
REVISED SYLLABUS
(To take effect from the academic year 2013 - 2014)

SEMESTER-I
Core Paper-I - MICRO ECONOMIC THEORY – I

UNIT I: THEORY OF DEMAND

UNIT II: THEORY OF PRODUCTION

UNIT III: THEORY OF COSTS

UNIT IV: PERFECT COMPETITION

UNIT V: MONOPOLY

Reference books are given at the end of Paper II.

*****
Core Paper-II - INDIAN ECONOMIC DEVELOPMENT AND POLICY – I

UNIT- I

UNIT - II
Poverty - Measurement of poverty Line – Poverty Trend in India-Regional disparities in incidence of poverty-Planning for Poverty Eradication-Public Policies Relating to Income and Asset Distribution – Concept and measurement employment and unemployment; Rural Vs urban employment-non farm employment-migration issues.

UNIT - III
Plan Concepts-Indian Planning-concept of mixed economy, objectives of planning, perspective planning - Decentralised planning-Indian plan models: Mahalanobis, and Input – Output, Multi – sectoral models, minimum needs - evaluation and appraisal of five years plans.

UNIT - IV
Trade policies: import substitution and export promotion – Recent Policies Changes - Technology Transfer – Reforms in Exchange Rates - role of foreign capital – Foreign Direct Investment (FDI) and Its Implications on Indian Economy.

UNIT - V
Macroeconomic imbalances, need for structural changes – State Vs Market – Lessons from past experiences.

Reference Books are given at the end of Paper II

Core Paper-III- RESEARCH METHODOLOGY

UNIT- I
Nature and Scope of Social Research - Aims – objectives. The nature of theory and data (fact) and their relevance for social research.
UNIT - II

UNIT - III
Techniques of data collection; Observation, Schedule and Questionnaire - and interview methods – Projective and other methods and Organization of social surveys - importance and scope of social survey analysis of the different steps involved in the planning – preparation of budget – staff and its training.

UNIT - IV
Analysis of data: Editing, Processing, Consolidation and Tabulation Application of Techniques – Scaling Techniques.

UNIT - V
Research presentation: General organization of research presentation – aims and objectives of presentation - effectiveness in presentation of statistical data – rules for arrangement of text-diagrams-references, etc.

Bibliography:
Recommended Text


Books for Reference


Websites:
1. www.questia.com/search/research-methodology
2. Www. Alleydog.com/links-sp/methods.asp-20k

Elective-I PRINCIPLES OF MANAGEMENT-I

Unit - I

Unit - II
Planning – Meaning – Features – Steps – Techniques - Management by Objectives

Unit - III
Organizing - Formal and Informal Organization - Types of organization Departmentalization - Authority Relationships - Delegation-Decentralization - Span of Control

Unit - IV
Directing - Elements of Direction – Motivation – Leadership - Communication
**Unit - V**  
Controlling – Importance – Steps - Tools of Management

**Reference books are given at the end of Paper II**

**Elective-I COMPARATIVE ECONOMIC SYSTEM -I**

**UNIT I**  

**UNIT II**  

**UNIT III**  

**UNIT IV**  

**UNIT V**  
Socialism; Features – private property – freedom of enterprises – Competition – Planning – Distribution of income.

**Recommended Text**


3. Grossman


**Books for Reference:**

1. Karl Marx : Das Capital, Vol I,II andIII

2. Marx and Engels : Communist Manifesto


UNIT I
Set Theory: Concept and Operation of Sets.

UNIT II
Equation of straight line - Parabola - Rectangular Hyperbola – Relationships among Total, Average and Marginal Curves.

UNIT III
Logarithmic and Exponential Functions – Convex and Concave Functions – Indifference, Iso-quant and Transformation Curves.

UNIT IV
Concept of Limit - Techniques of Differentiation – Elasticities – Conditions for Extremum of Functions of one variable.

UNIT V

Bibliography:

Recommended Text

1. Edward. T. Dowling : Mathematics for Economists,
Elective-II-ENVIRONMENTAL ECONOMICS –I

I Basic Concepts and Theories

UNIT I

UNIT II

II Environmental Problems:

UNIT III
Land: Nature of degradation associated with each type of land – via grazing land, crops land, forest land, wet lands and waste land.

UNIT IV
Water: Importance – causes, effects and control of water pollution.
UNIT V
Atmosphere: Domestic and industrial pollution of air – causes, effects and control of air pollution – Global atmosphere problems.

Bibliography:

Recommended Text


Books for Reference:

SEMESTER-II

Core Paper-IV MICRO ECONOMIC THEORY – II

UNIT I: MONOPOLISTIC COMPETITION AND OLIGOPOLY


UNIT II: MODERN THEORIES OF THE FIRM


UNIT III:
Economics of Information- Moral hazard problem, adverse selection, principal agent problem, implications of asymmetric information, market signaling, hidden information modeling, efficiency wage model, information and insurance

UNIT IV: GENERAL EQUILIBRIUM THEORY


UNIT V: WELFARE ECONOMICS


Bibliography:

Recommended Text:

3. Varian, H. R., : Microeconomic Analysis, third


6. Maddala Microeconomics

Books for Reference:


Core Paper-V - INDIAN ECONOMICS DEVELOPMENT AND POLICY – II

UNIT – I
UNIT – II

UNIT – III
Public sector investment and pricing policies: Average, Marginal, Peak load pricing, Transfer pricing – Public sector losses – Disinvestment – Privatization.

UNIT – IV
Human development indicators: review of change since early fifties – wide regional variations – demographic trend in India and dividend – health services, Health policy; Education Policy; Financing of Health and Education.

UNIT – V
Banking Sector Reforms – Narasimham Committee recommendations – Indian capital market – Globalisation.

Bibliography:
Recommended Text(Paper I & II)

Books for reference:

8. C. Wadhwa(ed.): Some problems of India’s Economic Policy.

Core Paper-VI STATISTICS FOR ANALYSIS

(A brief review of measures of central tendency, dispersion, skewness and kurtosis to be given to the students. No derivations and only implicational understanding is expected from the students)

UNIT - I
Random experiments - sample space-events-different approaches to probability (classical, statistical and axiomatic) - statistical regularity-independence and conditional probability-Bayes theorem-simple problems.

UNIT - II
Random variables (Discrete and Continuous)-probability mass and density functions (MGF- Moment Generating Function)-standard distributions (Binomial, Poisson and Normal)-properties of Bi-variate
distributions - Correlation and Regression - applications and simple problems.

UNIT - III
Sampling, Different types of sampling - Sampling and Non-sampling errors - Sampling Distributions - Standard error - point estimation - properties of estimators (Unbiasedness, consistency and efficiency) - Hypothesis testing - Null and alternative hypothesis - type I and type II errors - level of Significance - p-value - Large Sample tests (Z tests).

UNIT - IV
Small Sample tests (t, F tests), test for independence of attributes ($\chi^2$ test), ANOVA, concept of confidence intervals (CI), CI based on Z and t statistic.

UNIT - V
Introduction to index numbers - weighted and unweighted index numbers (price and quantity index numbers) - consumer price index number - concept of deflation and real wages (income).

Bibliography:

Recommended Text:


Books for Reference:


Website:

**Semester-II – ELECTIVE - III**

**PRINCIPLES OF MANAGEMENT -II**

**UNIT - I**
Production Function-Manufacturing Operation-Plant Location-Plant Layout-Production Planning and Control

**UNIT - II**
Quality Control-Purchasing-Storing-Inventory Management

**UNIT - III**
Human Resource Management-Recruitment-Selection-Training-Performance Appraisal-Employee Compensation- Direct and Indirect

**UNIT - IV**
UNIT - V
Marketing Function-Marketing Mix-Sales Promotion-Advertising-Personal Selling

Bibliography:

Recommended Text


2. Prasad L.M. : Principles and Practice of Management, Sultan chand & Co


Books for Reference


4. Hennagan : Management concepts and practices, Macmillan India,


**ELECTIVE – III**

**COMPARATIVE ECONOMIC SYSTEM –II**

**UNIT - I**

**UNIT - II**
Economic Development of China since 1949: Economic conditions prior to revolution – Agricultural and Industrial strategies during Mao period – Great leap forward – the people’s commune, Cultural Revolution – Post Mao Economic reforms.

**UNIT - III**
Mixed economic system – features of mixed economic system – role of private and public sector – experience of India’s a mixed economy.

**UNIT - IV**
Convergence of Capitalism and Socialism: The convergence thesis – Capitalism and Socialism in highly industrialized Societies – Common Features and Dissimilarities.

**UNIT - V**
Debate between the proponents of capitalist democracies and advocates of Socialism and its relevance today.
Bibliography:

Recommended Text

Books for Reference:
1. Karl Marx : Das Capital, Vol I, II and III
2. Marx and Engels : Communist Manifesto
<table>
<thead>
<tr>
<th>No.</th>
<th>Author</th>
<th>Title</th>
<th>Publisher/Location</th>
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</table>
Extra-Disciplinary-I Economics of Development – I

UNIT – I

UNIT – II

UNIT – III

UNIT – IV

UNIT – V

Bibliography:

Recommended Text


Books for Reference:

1. S. Chakravarthy (1982) : Alternative Approaches to a


D. Seers (Eds.) (1978)


**Extra-Disciplinary-I TAMIL NADU ECONOMY**

**UNIT I**

**UNIT II**
Comparative Study of Indian Five Year Plans and Five Year Plans in Tamil Nadu – Objectives- Priorities – Strategies- Thrust Areas-Resources -Review of all the Plans-Poverty and Unemployment-comparison
UNIT III

UNIT IV

UNIT V
Tamil Nadu State Finances: NSDP and Per Capita – Growth Rates-Budget- Revenue and Expenditure Details- Assessment

Bibliography:

Recommended Text

Books for Reference


Extra Disciplinary-I-ECONOMICS OF HUMAN RESOURCE DEVELOPMENT – I

UNIT - I
Introduction: Concept of human resources, quantitative and qualitative aspects, human capital in retrospect (Adam Smith and Alfred Marshall)

UNIT - II
Human capital and development: Growth accounting and residual factor - alternative methods of estimating the contribution of human capital to development (Methods of Dennison and Schultz) Human resource policies.
UNIT - III
Human Resource Policies: Need, type and scope – Advantage for a written policy- Human Resources policies and work Culture.

UNIT – IV

UNIT - V
Reference books are given at the end if Paper II.

THIRD SEMESTER
Core Paper-VII -MACRO ECONOMIC THEORY - I

UNIT - I

UNIT - II

UNIT - III

UNIT - IV

UNIT - V
Portfolio analysis, Crisis in Keynesian economics and the revival of monetarism.

**Core Paper-VIII- PUBLIC ECONOMICS -I**

UNIT - I

UNIT - II
Public goods and externalities, merit goods, Samuelson theory, free rider problem, Lindahl solution, Coasian theory, theory of clubs, median voter theorem, theory of rent seeking

UNIT - III
Taxation –Theories of Taxation – Benefit and Ability to pay Principles – Concept of Excess Burden of Taxes – Classical and Modern views – direct Vs. Indirect taxes, efficiency and equity, dead weight loss (income tax, commodity tax)

UNIT - IV
Taxation and labour supply, taxation and savings, risk-taking and wealth, general equilibrium (Herberger) models of tax incidence, theory of optimal taxation, recent developments in theory of taxation,

UNIT - V
Budget Deficit-other related concepts of deficits- public debt: Keynesian, neo-classical, and Ricardian equivalence, debt dynamics, interdependence of fiscal and monetary policies, theory of intergovernmental transfers, theory and policy of subsidies, Theory of fiscal federalism, issues of equity and efficiency, designing equalization transfers, conditional and unconditional grants.

Reference books are given at then end of Paper II

**Core Paper-IX - INTERNATIONAL ECONOMICS – I**

UNIT - I
UNIT - II
Modern theory of International Trade-Heckscher-Ohlin contribution –
Factor price equalization theorem-factor prices and factor reversals –
obstacles to factor price equalization.

UNIT - III
Terms of Trade – different concepts of Terms of trade –
Determinants of Terms of trade – static and dynamic gains from trade
– Samuelson on gains from trade – Immiserising growth –
Deterioration in terms of trade -Technical progress and trade –
Hicksian graphical analysis — neutral, capital saving and labour
saving technologies and its impact on terms of trade.

UNIT - IV
Tariffs and development-Impact of tariffs –partial and general
equilibrium analysis-Political economy of non-tariff barriers-quotas-
types-dumping and the economic rationale of dumping.

UNIT - V
Alternative theories of Trade – Economies of Scale, Imperfect
competition and International trade. Monopolistic competition –
Technology imitation gaps and Product cycles

Semester-III – ELECTIVE – IV-MATHEMATICS FOR
ECONOMISTS – II

UNIT - I
Constrained Maxima and Minima – Use of Lagrange Multiplier
Method – Application to Utility Maximisation, Profit Maximisation and
Cost Minimisation.

UNIT - II
Matrices – Matrix operations – Commutative Associative and
Distributive Laws – Determinants – Rank of a matrix – Matrix Inverse
– Cramer’s Rule.

UNIT - III
Input - Output Analysis – Leontieff Model.

UNIT - IV
Linear Programming – Graphical Method – Simplex Method – Primal
and Dual.
UNIT - V
Elementary Integration Techniques – Indefinite Integrals – Definite Integrals – Economic Applications of Integrals – Consumer’s Surplus – Producer’s Surplus.

Bibliography:

Recommended Text

Books for References:

ELECTIVE – IV-ENVIRONMENTAL ECONOMICS –II

I Environmental problems

UNIT - I
Habitat: Urban and rural settlements – rapid growth of Population – lack of basic services.
UNIT - II
Energy: Classification – Household energy needs – role of non – conventional energy sources – fuel wood crisis in rural and urban areas.

UNIT - III

II Environmental Policies

UNIT - IV
Basic approaches to environmental policy – National Campaign on environment by voluntary agencies.

UNIT - V

Bibliography:

Recommended Text


Books for Reference:


EXTRA DISCIPLINARY - II
ECONOMICS OF DEVELOPMENT – II

UNIT - I

UNIT - II

UNIT - III
UNIT - IV

UNIT - V
The nature of development plans and the role of the state – planning in mixed developing economics – the rationale for development planning – fiscal policy for development – macro stability and resource mobilization – state owned enterprises. Military expenditures and economic development.

Bibliography:

Recommended Text

Books for Reference:


EXTRA DISCIPLINARY - II
ECONOMICS OF HUMAN RESOURCE DEVELOPMENT – II

UNIT - I
Human capital and income contribution – Demand and supply of human capital - role of ability and family background in investment.

UNIT - II

UNIT - III
Non-Market return to human capital; Education and fertility differences: Education and agricultural productivity.

UNIT - IV

UNIT – V
Methods of man-power planning: Perms (MRP) methods; cost – benefit analysis method. Criticism of the methods.

Recommended Text:


2. G. Psacharapoubs : Returns to Education
Books for Reference

3. J. Mincer : Schooling Experience and Earnings.
4. Jamison and Lau : Farmer Education and Farm Efficiency
5. T.W. Schultz (ed.) : Economics of Family
8. Svedberg, Peter : Poverty & Under nutrition (OIP)

EXTRA DISCIPLINARY - II
ENTREPRENEURIAL DEVELOPMENT

UNIT - I

UNIT - II
Entrepreneurial Development - Entrepreneurial Development Programmes (EDP) – Role, relevance.– Role of Government – Role of Financial Institutions ICICI – IRDBI.

UNIT - III
UNIT - IV

UNIT - V

Bibliography:

Recommended Text


Books for Reference

1. Vasant Desai : Problems of Prospects of Small Scale Industries in India. (Himalaya Publishing House, Bombay)

2. Khan : Management of Small Scale Industries. (Sultan Chand Publications.)


9. H.N. Pathak: The Entrepreneur, Technician and Manager in Small Scale Unit.


FOURTH SEMESTER
Core Paper-X - MACRO ECONOMIC THEORY – II

UNIT - I
Investment Function – Marginal Efficiency of Investment, Multiplier Analysis, Accelerator and Investment behavior concepts of super multiplier.

UNIT - II
Supply of Money - A Behavioural Model of Money Supply Determination, RBI Approach to money supply, High powered money and money multiplier, Money Supply in open economy, Control of money supply.

UNIT - III

UNIT - IV
Business Cycle: Theories of Schumpeter, Kaldor, Samuelson, Hicks and Goodwin model, Control of Business Cycles, relative Efficiency of Monetary and Fiscal Policies.

UNIT - V
Recommended Text:


Books for Reference


**Core Paper-XI - PUBLIC ECONOMICS -II**

**UNIT - I**
Budgeting-type of budgeting-public budget, kinds of budgets, zero based budgeting-programme and performance budgeting-Union and State government Budgets-Neutral and compensatory and functional finance-balanced budget multiplier

**UNIT - II**

**UNIT - III**
UNIT - IV
Deficit financing in India-Centre and States- Public Debt – Concept of Burden of Public debt – Growth and composition of public debt in India - Debt Management.

UNIT - V
Fiscal Policy in India-Centre and State fiscal relationship in India-role of Planning Commission and Finance Commissions - Local Government financing in India- State Finance Commission-

Bibliography:

Recommended Text:


• Boadway, Public Sector Economics, Cambridge University Press, 1979

• Chelliah, R.J., Towards Sustainable Growth: Essays in Fiscal and Financial Sector Reforms in India, Oxford University Press, 1996


**Books for Reference**

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</table>

**Websites:**

1. The ICFAI Journal of Public Finance:
2. The ICFAI Journal Public Administration:  
www.icfaipress.org/ijpa.asp- 62k

Core Paper-XII - INTERNATIONAL ECONOMICS – II

UNIT - I

UNIT - II

UNIT - III
Balance of Payment and disequilibrium - Balance of Payment disequilibrium and corrective measures – Automatic mechanisms under fixed and flexible exchange rates – Recent developments in exchange rate management.

UNIT- IV

UNIT - V

Recommended Text
Books for Reference


Websites:
1. www.peopleswatch.com
2. www.wto.org.com
3. www.foreigntrade.in.india.com
4. www.iie.com
5. www.unctad.org

Core Paper-XIII - MONETARY ECONOMICS

UNIT - I

UNIT - II
UNIT - III

UNIT - IV

UNIT - V
International Monetary System: Problems and Prospects.

Bibliography:

Recommended Text:

Books for Reference:
In lieu of Project work, two core Courses/papers for Branch III – Economics as follows:

Core Paper-XIV - FINANCIAL ECONOMICS

UNIT - I
Money market – Banks - regulation of working capital finance.

UNIT - II

UNIT - III

UNIT - IV

UNIT - V

Bibliography:

Recommended Text
1. Bhole : Financial Institutions and Markets, TMH.

Books for Reference


Core Paper-XV-ORGANISATIONAL BEHAVIOUR

UNIT - I

UNIT - II
Motivation – Early Theories – Contemporary Theories – Motivation at work – Designing, Motivating Jobs-Case Study.
UNIT - III
Group Dynamics – Group Behaviour – Communication and Group Decision Making – Inter-group Relations-Case Study.

UNIT - IV

UNIT - V
Organisational structure and Design – Organisational Change and Development – Organisational Culture and Climate – Organizational Conflict – Causes – Types of Conflict – Management Conflict-Case Study.

Bibliography:

Recommended Text:
1. Fred Luthens : Organisational Behaviour.

Books for Reference:
5. Townsent .H (1980) : Price Theory,

Websites:
1. www.alibris.com
2. www.iese.edu
3. en.wikipedia.org

Semester IV Elective V - MANAGERIAL ECONOMICS

UNIT – I

UNIT - II
Concepts in Resource Allocation, Cost analysis, Break-even Analysis, Short run and Long run cost functions, Cost, price and output relations.

UNIT - III

UNIT - IV

UNIT - V

Bibliography:
Recommended Text:

Books for Reference:


Websites:
1. www.prenhill.com/keat
2. www.swlearning.com/economics/salvatore/salvat

Elective-V COMPUTER APPLICATION IN ECONOMIC ANALYSIS

PREAMBLE

The direction towards the knowledge society shall be resting on a healthy economics and proper use of Information Technology. Economics being an empirical science, computers have emerged as the pivotal instruments of economic analysis, research and forecasting. Therefore, the future economists must be equipped with skills and tools based on computers, which this course shall provide to them. This will not only enhance their employability but also prepare them for the challenges of the future.
UNIT I

Introduction to Computers and Peripherals

Basic components of computer - CPU, input-output devices, keyboard, mouse and scanner, video display, printers and plotters, data storage and retrieval, hard disk, floppy disk and CDROM; Type of computers and their applications; Computer networking and resource sharing, hardware, software and firmware.

UNIT II

Data Processing, Techniques and Algorithms

Concept of data, record and file; Types of data and data structures, data analysis; File handling and operations like opening, appending and cascading, closing and attribute control; Data storage and retrieval; Data operations; Algorithms like sorting, merging, joining and bifurcation; Database concepts and operation on database; DBMS and RDBMS.

UNIT III

Statistical Processing Techniques and Methods

Series, groups, tables, graphs and objects; Time and frequency series, regression methods and techniques; Regression analysis; Data Validation; Trends and cyclicity forecasting; System equation; Specification; Error and correction strategies, Statistical modeling and descriptive statistics; Distribution functions, Regression statistics.

UNIT IV

Review of Multivariate models & Factor Analysis:

a) Estimation of Recursive and simultaneous Equations models. Analysis of qualitative data: ANOVA, ANCOVA etc. Multivariate statistical analysis: Multiple correlation and multiple regression;

b) Cluster analysis, discriminate analysis etc., Application of Excel, SPSS and LIMDEP for statistical and econometric analysis. Database in Indian Economy: Census, CSO, NSSO, CMIF etc.
UNIT V

Applications to Finance & Commerce

a) On line banking; ATM's Electronic stock exchange; Electronic trading; Data sharing and decimation; Electronic transaction; Document delivery; Authentication and validation transaction processing.


Bibliography:

Recommended Text


3. Handbook of Statistics

Books for Reference


5. SPSS Package.

6. LIMDEP Package.

**Elective-V OPERATIONS RESEARCH**

**UNIT I**

**UNIT II**
Transportation Models - Assignment Models.

**UNIT III**
Decision Theory - Use of Probability – Applications - Baye’s Theorem - Decision Trees.

**UNIT IV**
Network Analysis – Construction of the Network - Time and critical path calculation CPM, PERT – Applications.

**UNIT V**
Queuing Theory - Fundamental Uses.

**Bibliography:**

**Recommended Text**


**Books for Reference**

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