APPENDIX-11(R)
UNIVERSITY OF MADRAS
M.A. DEGREE COURSE IN BUSINESS 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 Business Economics – under Regulations No. 5 - Scheme of Examinations be modified to read as follows.

5. 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 75</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 75</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 75</td>
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<tr>
<td>Elective -I</td>
<td></td>
<td>I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
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<tr>
<td>Elective -II</td>
<td></td>
<td>I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
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<tr>
<td>Soft Skill - I</td>
<td></td>
<td>I</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>40 60</td>
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SECOND SEMESTER

<table>
<thead>
<tr>
<th>Core</th>
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<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 75</td>
</tr>
<tr>
<td>Core Paper-V</td>
<td>Managerial Economics*</td>
<td>II</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Core Paper-VI</td>
<td>Statistics for analysis*</td>
<td>II</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25 75</td>
</tr>
<tr>
<td>Elective -</td>
<td></td>
<td>II</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25 75</td>
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### THIRD 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- VII</td>
<td>Macro Economic Theory – I*</td>
<td>II I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Core Paper- VIII</td>
<td>Public Economics- I*</td>
<td>II I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Core Paper- IX</td>
<td>International Economics – I*</td>
<td>II I</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Elective - IV</td>
<td></td>
<td>II I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Extra Disciplinary- II</td>
<td></td>
<td>II I</td>
<td>6 Hrs</td>
<td>3</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Soft Skill-III</td>
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<td>II I</td>
<td>-</td>
<td>2</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>Internship**</td>
<td></td>
<td>II I</td>
<td>-</td>
<td>-</td>
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</tr>
</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 Marks Statement.

** SEMESTER-I: ELECTIVE PAPERS:**

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

1. Principles of Management-I*
2. Mathematics for Economists-I*

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

1. Environmental Economics-I*
2. Management Accounting-I
**SEMESTER-II:**

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

1. Principles of Management-II*
2. Mathematics for Economists-II*

Extra Disciplinary-I (Choose any ONE from the following)

1. Economics of Development-I*
2. Tamil Nadu Economy*

**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>Macroeconomic Theory – II*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</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</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</td>
</tr>
<tr>
<td>Core Paper XII</td>
<td>Monetary Economics *</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
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<tr>
<td>Core Paper - XIV</td>
<td>Project Plus Viva - Voce</td>
<td>IV</td>
<td>----</td>
<td>8</td>
<td>----</td>
<td>* Internal – 40 Viva – 40 Project Report 120 Total (200)</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</td>
</tr>
<tr>
<td></td>
<td>Organizational Behaviour*</td>
<td>IV</td>
<td>6 Hrs</td>
<td>4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Elective -V</td>
<td></td>
<td>IV</td>
<td>3 Hrs</td>
<td>3</td>
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<td>25</td>
</tr>
<tr>
<td>Soft Skill - IV</td>
<td>Soft Skill - IV</td>
<td>IV</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>40</td>
</tr>
</tbody>
</table>

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

SEMESTER-III: ELECTIVE PAPERS:

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

1. Environmental Economics-II*
2. Management Accounting-II

Extra Disciplinary -II : (Choose any ONE from the following)

1. Economics of Development-II*
2. Entrepreneurial Development*

SEMESTER-IV:

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

1. Computer Application in Economic Analysis*
2. Operations Research*
3. Economics of Human Resources Development

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

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

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AC’S’12
APPENDIX-11(S)
UNIVERSITY OF MADRAS
M.A. DEGREE COURSE IN BUSINESS ECONOMICS
CHOICE BASED CREDIT SYSTEM
(To take effect from the academic year 2013-2014 and thereafter)

REVISED SYLLABUS
SEMESTER-I

Core Paper-I - MICRO ECONOMIC THEORY – I

UNIT I: THEORY OF DEMAND

UNIT II: THEORY OF PRODUCTION

UNIT III: THEORY OF COSTS
Total Revenue, Marginal Revenue. Cost Functions – The Traditional Theory of Cost: Short-Run Costs; Long-Run Costs-'The Envelope Curve' – Modern Theory of Costs: Short-Run Costs; Long-Run Costs-'The L-Shaped' Scale Curve – The Relevance of the Shape of Cost Curves in Decision-making.

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

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- MATHEMATICS FOR ECONOMISTS – I

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


Books for References:


**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:


Elective-II- MANAGEMENT ACCOUNTING – I

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V

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:


6. Maddala, Microeconomics

Books for Reference:


Core Paper 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.prenhll.com/keat
2. www.swlearning.com/economics/salvatore/salvat

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**

**UNIT - IV**

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

**Bibliography:**

**Recommended Text**


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

Books for Reference


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

5. Peter Drucker : The Practice of Management Hillied Publications.


ELECTIVE – III- 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

UNIT - III
Input - Output Analysis – Leontief 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

1. Edward. T. Dowling : Mathematics for Economists,
Mcgraw – Hill Book Company.
2. Mehta V.L. & Madhani : Mathematics for Economists,
Sultan Chand and Sons.

Books for References:


Semester-II Extra-Disciplinary-I Economics of Development – I

UNIT – I

UNIT – II

UNIT – III

UNIT – IV

UNIT – V
Bibliography:

Recommended Text


Books for Reference:


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
Social Welfare Schemes and Infrastructural Development – Power – Transport- Media Services in Tamil Nadu

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

Bibliography:

Recommended Text

Books for Reference


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

UNIT - I
National Income Components – circular flow of income in two-three and four sector economy- concepts of social accounting, Input-
Output accounting, flow of funds accounting and Balance of payments accounting

UNIT - II

UNIT - III

UNIT - IV

UNIT - V

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 inter-governmental 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

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
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:


ELECTIVE – IV - MANAGEMENT ACCOUNTING – II

UNIT - I

UNIT - II

UNIT -III

UNIT - IV
Capital Budgeting – Meaning – Importance – Methods – Payback Method – Net Present Value Methods and Internal Rate of Return

UNIT - V

Bibliography:

Recommended Text

Books for Reference

Semester-III EXTRA DISCIPLINARY - II
ECONOMICS OF DEVELOPMENT – II

UNIT - I

UNIT - II
Population Growth and Economic Development: Causes, consequences – and controversies – population growth and the quality of life – the causes of high fertility in developing countries - the
Demographic dividend and sustainability of development— the consequences of High fertility.

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:


**Semester-III- 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:


3. Scarth, W., Macroeconomics : An Introduction to Advanced Methods, Third edition,

A-11 32
Books for Reference


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:


• Broadway, 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


• Shome, P. (Ed.) Handbook of Indirect Taxes, IMF Publications, 1996


Books for Reference


Websites:

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
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:
2. Pierce, : Monetary Economics:


In lieu of Project work, two core Courses/papers for Branch III - F - Business 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 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 cyclecity 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
A-11
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


New Delhi.

Elective-V
Economics of Human Resources Development

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

UNIT II

UNIT III

UNIT IV

UNIT V

Note: Case Study analysis is to be incorporated to Business Economics students in Training and Development, unit 4 and unit 5.
Bibliography:

Recommended Text:

3. NCAER: Human Development Report. South India

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
6. G.Psacharapous : Returns to Education.
7. Svedberg, Peter : Poverty & Under nutrition (OIP)

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