RAJAH SERFOJI GOVT. COLLEGE (AUTONOMOUS)
Reaccredited at 'A' Grade by NAAC
(Affiliated to Bharathidasan University, Tiruchirappalli)
Thanjavur – 613 005, TAMIL NADU, INDIA.

economics@rsgc.ac.in

BOARD OF STUDIES IN ECONOMICS
MINUTES OF THE MEETING HELD ON 05th January 2021

The meeting of the Board of Studies in Economics, for the Academic Year 2020-21, was held on 5th January 2021 at 2:00 pm at Department of Economics, Rajah Serfoji Government College, Thanjavur-5.

The following members attended the meeting:

1	**Dr. C.SUNITHA**	Chairperson	Associate Professor and Head Department of Economics
2	**Dr P.GANAPATHY**	Subject Expert & University Nominee	Associate Professor and Head, Dept of Economics, Khadir Mohideen College, Adirampattinam=614701
3	**Dr.D.MALARVIZHI**	Subject Expert Academic Council Nominee	Associate Professor in Economics Kunthavai Naachiyar Govt Arts College (Autonomous), Thanjavur-7
4	**Dr.C.RAVICHANDRAN**	Alumni Member	Head & Asst Professor of Economics, Swamy Vivekananda College, Vallam, Thanjavur
5	**Dr.A.ARULRAJ**	Faculty Member	Assistant Professor, Dept of Economics
6	**Dr.G.BASKAR**	Faculty Member	Assistant Professor, Dept of Economics
7	**Dr.M.MALARVIZHI**	Faculty Member	Assistant Professor, Dept of Economics
8	**Dr.M.SANTHANALAKHMI**	Faculty Member	Assistant Professor, Dept of Economics
9	**Dr.A.KALAISELVI**	Faculty Member	Assistant Professor, Dept of Economics
10	**Dr.D.A.V.CLAMENT**	Faculty Member	Assistant Professor, Dept of Economics
11	**Prof.M.SANTHANARAJ**	Faculty Member	Assistant Professor, Dept of Economics

Dr.C.SUNITHA, Chairperson, BoS and Head, Department of Economics, Rajah Serfoji Government College, called the meeting to order and the following business was transacted.

5 | P a g e

Dr.C.SUNITHA M.A.,M.Phil.,Ph.D.,MBA.,PGDE.,PGDM.,B.Ed.,
Head & Associate Professor
UGC-MRP-Econ-31364
Research Department of Economics,
Rajah Serfoji Govt.College,
THANJAVUR - 613 007.

CONTROLLER OF EXAMINATIONS,
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS),
THANJAVUR - 613 005.

1) Discussions for the new additions in the existing curriculum for B.A. (Economics) and M.A. Programmes, were made in the context of local needs and recent developments.

> **RESOLUTION** [No.: BOS/ECO/2020-21/1] Unanimously resolved to approve the changes made which will be implemented from the present academic year itself.

2) Discussions for the revision of the course outline of B.A./ M.A. Programmes incorporating the Extra Credit Courses for Advanced Learners. Already the extra credit courses are offered for PG students and now it is extended to UG also from the Academic year 2020-21, as resolved as Resolution No. 3 at the college council meeting held on 12.02.2020. Due ratification for the same shall be obtained from the forthcoming Academic Council in this regard. These courses are introduced to improve the knowledge base of the students in their own Discipline. These are self study courses and are optional. For UG, <u>two</u> Courses with extra credit and for PG, two courses with extra credit are included. There should be no standing arrears for opting Extra Credit Courses and similarly, Students are not permitted to write the course as arrear, if he / she fails in the courses with extra credit. In the 5th & 6th semesters of the UG Programmes and 3rd & 4th Semesters of the PG Programmes, these extra credit courses are to be offered. One of the <u>Discipline Specific</u> Major electives of the particular semester (5th & 6th semesters of the UG and 3rd & 4th Semesters of the PG), which are not opted by the candidate for the regular Study may be taken by them as extra credit course. Each Extra Credit Course will carry 4 credits each.

> **RESOLUTION** [No.: BOS/ECO/2020-21/2] Unanimously resolved to give ratification for the introduction of the Extra Credit Courses for Advanced Learners which will be implemented from the present academic year itself. As it is a Part-IV self study course there will not be any internal assessment and external marks alone will be awarded. External assessment may be based on the MCQ type from the next academic year onwards. Though the already approved Major Elective Course is taken as an Extra Credit Course choice, it is suggested to float two specific Extra Credit Courses from the next Academic Year onwards.

3) Discussions were made on the proposed Program Specific Outcomes (PSO) and Course Outcomes (PO).

> **RESOLUTION** [No.: BOS/ECO/2020-21/3] Unanimously resolved to give approval for the Program Specific Outcomes and Course Outcomes prepared

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RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS),
THANJAVUR 613 005.

and presented and the Chairperson is requested to place the PSO and PO Matrix along with its Cognitive level specification in the forthcoming Board of Studies.

4) Discussions were made exhaustively on the feedback reports of the Students regarding the Curriculum and the need for more Practical papers/ internship is understood.

> **RESOLUTION** [No.: BOS/ECO/2020-21/4] Unanimously resolved to introduce more Number of Practical papers in the curriculum which will be implemented from the Academic Year 2021-22 onwards and the proposals for the same need to be placed in the forthcoming Board of Studies.

5) Deliberations were made profoundly on the Credit Accumulation and Transfer through Swayam platform. According to the guidelines of UGC, the students are encouraged to avail this option of enriching their knowledge base by enrolling themselves in the Massive Open Online Courses (MOOC) in any subject of their choice provided by various portals such as SWAYAM, NPTEL etc. initiated by MHRD. This can be availed by all the students of all the semesters and there is no minimum eligibility to take up this course by UG/PG students during their period of study (3 Years/2 Years).

> **RESOLUTION** [No.: BOS/ECO/2020-21/5] unanimously resolved to suggest the extra credit accumulation option through Swayam platform and to ensure the entry for the same in the Consolidated Marksheet.

6) Detailed discussions were held on the Programmes proposed for financial assistance. Exploring the possibilities of employability ensuring Certificate Programmes in the field of Economics a Certificate Programme namely Certificate Programme on Non-Life Insurance will be introduced.

> **RESOLUTION** [No.: BOS/ECO/2020-21/6 unanimously resolved to give approval to start Certificate Programme on Non-Life Insurance and the contents of the Programme are also given due approval. Further resolved to suggest the Acadamic Council to do the needful to start and continue these courses even if the RUSA finance is not available or ceases.

7) Discussions were made to suggest the Eligibility for the panel of examiners for April 2021.

Dr.C.SUNITHA M.A.,M.Phil.,Ph.D.,MBA.,PGDE.,PGDM.,B.Ed.,
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CONTROLLER OF EXAMINATIONS,
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS),
THANJAVUR 613 005.

The meeting ended with vote of thanks, particularly to the External Members of the Board, recollecting their valuable inputs in their tenure.

S.No.	Name of the Experts	Signature
1	**Chairman:** **Dr. C.SUNITHA** Head &Associate Professor of Economics	*Dr.C.SUNITHA M.A.,M.Phil.,Ph.D.,MBA.,PGDE.,PGDM.,B.Ed., Head & Associate Professor UGC-MRP-Econ-31364 Research Department of Economics, Rajah Serfoji Govt.College, THANJAVUR - 613 007. (signed 5/11/2021)*
2	**Members of the Board:** **Dr P.GANAPATHY** **Subject Expert & University Nominee** Associate Professor and Head , Dept of Economics, Khadir Mohideen College, Adirampattinam=614701	*(signed 5/11/21) Dr. P.GANAPATHY, M.A., M.Phil., Ph.D., HOD and Associate Professor, PG and Research Dept of Economics Khadir Mohideen College ADIRAMPATTINAM-614 701 Thanjavur-Dt. Tamilnadu*
3	**Dr.D.MALARVIZHI** Subject Expert & Academic Council Nominee Associate Professor in Economics Kunthavai Naachiyar Govt Arts College (Autonomous), Thanjavur-7	*Dr.D.MALARVIZHI, M.A.,M.Phil.,M.B.A.,Ph.D.,B.Ed., Associate Professor of Economics Kunthavai Naacchiyaar Government Arts College for Women (Autonomous) THANJAVUR - 613 007. (signed 5/11/2021)*
4	**Dr.C.RAVICHANDRAN** Alumni Member Head & Asst Professor of Economics, Swamy Vivekananda College, Vallam, Thanjavur	*Dr. C. RAVINDRAN, Head & Assistant Professor, Dept. of Management Studies Swami Vivekananda Arts & Science College, Vallam, Thanjavur-613 403.*
5	**Dr.A.ARULRAJ** Assistant Professor, Dept of Economics	*Dr.A.ARULRAJ, Assistant Professor, Dept. Of Economics, R.S.Government college Thanjavur - 5 (TN)*
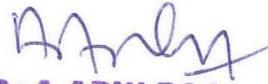
6	Dr.G.BASKAR Assistant Professor, Dept of Economics	
7	Dr.M.MALARVIZHI Assistant Professor, Dept of Economics	Dr. M MALARVIZHI, M.A. M Phil. Ph.D., Assistant Professor, Department of Economics, Rajah Serfoji Government College Thanjavur
8	Dr.M.SANTHANALAKHMI Assistant Professor, Dept of Economics	முனைவர். மு. சந்தானலட்சுமி, M.A., M.Phil., M.B.A., B.Ed., Ph.D., பொருளியல் உதவிப் பேராசிரியர், பொருளியல் முதுநிலை (மு) ஆராய்ச்சித்துறை, மன்னர் சரபோசி அரசுக்கல்லூரி (த), தஞ்சாவூர் - 613 005
9	Dr.A.KALAISELVI Assistant Professor, Dept of Economics	Dr. A. KALAISELVI, M.A.,M.Phil.,Ph.D.,M.B.A., Assistant Professor, Department of Economics, Rajah Serfoji Government College (Autonomous), Thanjavur - 613005.
10	Dr.D.A.V.CLAEMENT Assistant Professor, Dept of Economics	Dr. D.A.V. CLEMENT,M.A.,M.Phil.,Ph.D., Asst. Professor of Economics & Research Adviser, Rajah Serfoji Government College (Autonomous), THANJAVUR - 613 005.
11	Prof.M.SANTHANARAJ Assistant Professor, Dept of Economics	M. SANTHANARAJ, M.A., B.Ed., M.Phil., Ph.D., Assistant Professor P. G. Department . of Economics Rajah Serfoji Govt. College (A) Thanjavur-613 005
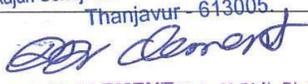
5/1/2021

Dr.C.SUNITHA M.A.,M.Phil.,Ph.D.,MBA.,PGDE.,PGDM.,B.Ed.,
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Micro Economic Analysis –I

OBJECTIVE

To make the students familiar with the economic behaviour of individuals, firms and markets.

UNIT I

Theory of Consumer's Behaviour – Cardinal and Indifference Curve Analysis – Consumer's Equilibrium-Application of Indifference Curve Analysis – Revealed Preference Approach .

UNIT II

Modern Utility Analysis – St.Petersburg Paradox and Bernoullian Hypothesis– Neumann Morgenstern Theory of Decision Making – Friedman Savage Hypothesis– Markovitz Hypothesis.

UNIT III

Production Function–Linear Homogeneous Production Function–Cobb Douglas Production Function–Optimal Combination of Resources–Maximizing Output for Given Cost–Minimization of Cost Subject to Given Output–Expansion Path

UNIT IV

Theory of Cost: Traditional Theory of Cost–Modern Theory of Cost–Analysis of Economies of Scale-Theories of Firms: Price and Output Determination under Perfect Competition–Supply Curve of Firm and Industry under Perfect Competition

UNIT V

Short Run and Long Run Equilibrium of the Monopoly Firm–Bilateral Monopoly - Price and Output Determination under Monopolistic Competition–Product Differentiation– Selling Cost.

REFERENCES

1. A. Koutsoyiannis, *Modern Micro- Economics*, Macmillan Press, 1983.
2. William J. Baumol, *Economic Theory and Operations Analysis,* Prentice-Hall India Ltd., New Delhi.
3. Bilas, A. *Micro Economic Theory*, McGraw Hill, 1971.
4. C.E. Ferguson, *Microeconomic Theory,* Richard Irwin, 1966.
5. H.L. Ahuja, *Advanced Economic Theory*, S Chand, 2004.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                                Signature of the HOD

Credit :5 **Semester - I** Code: S1PEC2
Hours / week :6
Medium of instruction: English

MACRO ECONOMICS I

OBJECTIVE

Macroeconomics analyses establish the functional relationships between large aggregates.
The paper equips the students at the postgraduate level to understand systematic facts and latest theoretical developments for empirical analysis at economy level.

UNIT I

Macro Economic Goals **-** National Income – Concept- Measurement – Problems – Social Accounting – Methods – Flow of Funds in National Economy – Measurements and Problems in National Income Accounting .

UNIT II

National Economic Accounting: Social Accounting – Presentation – Importance – Difficulties – Input – Output Accounting Analysis – Importance – flow of Funds Accounts – Importance - Balance of Payment Accounts – Structure and Classification.

Unit – III

Consumption Function: Introduction – Keynes's Psychological Law of Consumption Function – Implications of Law – Theories – Absolute Income Relative Income, Permanent Income and Life Cycle Hypothesis.

Unit – IV

Investment Function: Types of Investment – Marginal Efficiency of Capital – Marginal Efficiency of Investment – Multiplier – Balance Budget Multiplier and Foreign Trade Multiplier.

Unit – V

Acceleration – Multiplier – Principle of Interactions. Super Multiplier – Business Cycles – Uses – Types – Schumpeter" s Theory of Innovation.

REFERENCES

1. Edward Shapiro, *Macro Economics*, Vikas publishers Pvt. Ltd., New Delhi.
2. Garner Ackely, *Macro Economics*, Macmillan, New York, 1961
3. Don Friesch*, Macro Economics*, McGraw Hills, London,
4. M.L. Jhingan*, Macro Economic Theory*, Vikas Publishing House, New Delhi.

Question Paper Pattern

Maximum Marks : 75 Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :5   **Semester – I**   Code: S1PEC3
Hours / week :6
Medium of instruction: English

MONEY AND BANKING

OBJECTIVES:
- To enable the students to know about the Banking System in India
- To enable the students to know about the Monetary Policy in India

Unit – I
Barter system-Evolution- Functions of Money- Classification- Money and Near Money-Nature and Definition of Money- Theoretical and Empirical definition of Money- Functions of Money

Unit – II
Monetary Theories: Concept – Meaning and value of Money in an Economy – Fisher's Quantity Theory – Cambridge Cash Balance Approach – Keyensian Theory of Money and Prices- Friedmen's Approach of Quantity Theory

Unit – III
Reserve Bank of India- Objectives-Organisational Structures-Functions-Exchange control Management of Reserve Bank of India- Monetary Policy of Reserve Bank of India

Unit – IV
Meaning-Functions of Commercial Bank-The Balance sheet of a Commercials Bank-Role of Commercial Banks in Developing Countries- Credit Creation- Credit Control

Unit – V
Nationalisation of Commercial Banks-Introduction-Justification of Nationalisation of Commercial Banks-objectives-Functioning of Public Sector Banks in India-Recent trends in Banking System

Reference:
1. Monetary Economics-M.L.Jhingan- Fifth Edition Vrinda Publication Pvt .Ltd New Delhi
2. Monetary Theory-H.L.Bhatia First Edition Vikas Publication House Pvt .Ltd New Delhi
3. Monetary and Fiscal Economics-P.R. Krishna Aiyar First Edition Sterling Publication Pvt .Ltd New Delhi

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                        Signature of the HOD

FISCAL ECONOMICS

OBJECTIVE

To provide the students an understanding of the *overall effect of fiscal policies on* ***economic*** *activity.*

UNIT I

Public Finance – Nature and Scope of Public Finance – Musgrave's Theory- Principles of Maximum Social Advantage- Private Goods – Public Goods – Merit Goods– Externalities .

UNIT II

Wagner's Views of Public Expenditure – Wiseman – Peacock Hypothesis – Musgrave and Rostow's Development Model – Critical Limit Hypothesis -Pure Theory of Public Expenditure - Social Cost Benefit Analysis – Evaluation of Public Expenditure – Causes of Growth in Public Expenditure in India - Effect of Public Expenditure on Product and distribution.

UNIT III

Principles of Taxation – The Principles of Equity – Bown and Lindahl's Models of Provision of Social Good–Ability To Pay Theory – Theory of Optimal Taxation – Effects of taxation – Modern Theory – Incidence of Taxation and Shifting.

UNIT IV

Public Debt - Keynesian and Post Keynesian Theories of Public Debt – Techniques of Borrowings – Burden of Public Debt – Public Debt Management – Measures of Redemption- Budgeting – Zero Based and Performance Based Budget.

UNIT V

Fiscal Policy – Objectives – Functional Finance – Federal Finance – Principles of Federal Finance, Allocation of Resources Between Central And States – Local Finance – Evaluation of Thirteenth Finance Commission Report.

REFERENCES

1) Musgrave and Musgrave, *Theory of Public Finance*, McGraw Hills, London**.**
2) B.P. Tyagi, *Public Finance*, Jai Prakash Nath, 2004.
3) H.D. Bhatia, *Public Finance*, Vikas Publishing House, 2006.
4) Department of Economic Affairs, Report On **11th Finance Commission** (For 2000 - 2005).

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                                                Signature of the HOD

Credit :4   **Semester - I**   Code:S1PECEL1 A
 Hours / week :6
Medium of instruction: English

COMPUTER APPLICATIONS IN ECONOMICS

OBJECTIVE
To provide the students the basic knowledge on computers and the application of
relevant computer software in the application of economic models.

UNIT-I
History of Computer–Uses of Computer - Components of Computer – Input, Output Devices
– Storage Devices-Application of Computer in Economics.

UNIT-II
Hardware and Software – Application and System Software- Computer Languages- Machine
Language- Assembly Language –Assembler - High-Level Language –Compiler- Liner-
Interpreter.

UNIT-III
MS Word - Typing, Selecting, Editing and Moving Texts - Saving Documents - Printing
Documents - Word Formatting Tools - Headers, Footers, Page Formatting, Footnotes - Tabs,
Columns, Sorting.

UNIT-IV
Basics of Excel - Entering Data - Selecting Ranges - Editing Entries – Formatting Entries -
Simple Calculation – Sum –Average - Standard Deviation- Creating Graphs.

UNIT V
Definition and Uses of Internet – Salient Features– Uses of Internet in Economic Research –
Sources of Economic Data Using internet (CSO, MOSPI, NSS, RBI) – Applications of
Statistical Packages - SPSS- e-views, strata – SPSS Comments.

REFERENCES
1. Sinha, P.K. Computer Fundamentals, BPB Publications, New Delhi.
2. Raja Raman, V. Fundamentals of Computers, Prentice Hall, New Delhi.
3. Kerns : Essentials of Microsoft Windows, Word and Excel, PHI.
4. Alexis Leon and Mathews Leon: Introduction to Computers with Ms-Office, Tata Mc
Graw.Hill
5. Asthana and Braj Bhushan: Statistics for Social Sciences (with SPSS applications),
PHI.

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Question Paper Pattern
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Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

<div align="right">Signature of the HOD</div>

Credit :4   **Semester – I**   Code: S1PECELIB
Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the Economics of Gender in India
- To enable the students to know about the role of Gender in development

Economics of Gender and Development

Unit-I :
Introduction to Gender Studies and Demographic Aspects- Importance and concepts of women studie- Economic basis and functioning of patriarchy in developed and LDCs, particularly India; Gender bias in the theories of value, distribution, and population.

Unit-II :
Conceptualization of Women's Work Concept and analysis of women's work: Valuation of productive and unproductive work; visible and invisible work; paid and unpaid work; economically productive and socially productive work.

Unit-III :
Women and Labour Markets Factors affecting female entry in labour market; Supply and demand for female labour in developed and developing countries, particularly India; Studies of female work participation in agriculture, non-agricultural rural activities, informal sector, cottage and small-scale industries, organized industry, and services sector

Unit-IV :
Women, Technology and Environment Impact of technological development and modernization on women's work participation in agriculture, non agriculture rural activities, small and cottage industries and organized industry .

Unit-V :
Gender Planning, Development Policies and Governance Gender and development indices; Gender Development Index (GDI) and Gender Empowerment Measure (GEM); Mainstreaming gender into development policies; Gender-planning techniques

Basic Reading List.
1 Government of India (1974), Towards Equality – Report of the Committee on the Status of Women in India, Department of Social Welfare, Ministry of Education and Social Welfare, New Delhi. 2. M. (2000), Women and Development: The Indian Experience, Sage Publications, New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                     Signature of the HOD

Credit :4   **Semester – I**   Code: S1PECELIC
Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the Economics of Insurance in India
- To enable the students to know about the risk management.

ECONOMICS OF INSURANCE

Unit-I
Economic Security; Human quest for economic security through time; Exposure to losses; Role and definition of insurance; Risk pooling and risk transfer; Economic and legal perspectives, Social vs. private insurance; Life vs. non-life insurance; Classification of life, health and general insurance policies.

Unit- II
Fundamentals of life & health insurance; Functions of life & health insurance; Plans of life insurance; Legal aspects of life insurance; Provisions of policies; Individual health insurance; Uses and types of evaluation; Principles of underwriting of life & health insurance; Group insurance and superannuation (pension) schemes.

Unit-III
Fundamentals of uncertainty & risk; Pure risk & speculative risk; Expected utility and decision-making under uncertainty; Expected utility & demand for the insurance; Moral hazard and insurance demand

Unit-IV
Concept of risk management-Essentials of risk management; Elements of risk assessment; Risk control & risk financing. Worldwide risk sharing- concept of reinsurance, types of re-insurers; Reinsurance distribution systems, reinsurance markets in developing countries; .

Unit-V
Definition, types and importance of general insurance; Concept of short term risk; Basics of Common law, equity, proposal/accidence, indemnity, insurable interest, contribution subrogation; representation; utmost good faith, selection and inspection of risks; rating and calculation of premiums; tariffs and non-tariffs; technology development and general insurance.

Basic Reading List
• Black. K. Jr. and H.D. Skipper Jr.(2000), Life & Health Insurance, Prentice Hall, Upper Saddle River, New Jerssey.
• Dionne, G. and S.E. Harrington (eds.) (1997), Foundations of Insurance Economics, Kluwer academic Publishers, Boston.
• Pteffer, I. And D.R. Klock (1974), Perspectives on Insurance, Prentice Hall Inc., Engleword Cliffs.

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Question Paper Pattern

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Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Micro Economic Analysis –II

OBJECTIVE

To make the students familiarity with the economic behaviour of individuals, firms and markets

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UNIT I
Pricing Under Oligopoly – Non Collusive Models – Cournot – Betrand _ Edgeworth – Chamberlin – Stackleberg Model – Paul Sweezy‟s Kinked Demand Model – Collusive Models – Cartels – Price Leadership Models – (Low Cost, Dominant Firm)

UNIT II
Welfare Economics: Criteria of a Social Welfare – Growth of GNP as a Welfare Criterion Bentham's Criterion – A Cardinalist Criterion the Pareto Optimality Criterion – New Welfare Economics.

UNIT III
Factor Pricing in Perfectly Competitive Market – Factor Pricing in Imperfectly Competitive Market – Elasticity of Substitution – Euler's Theorem of Product Exhaustion.

UNIT IV
General Equilibrium Theory – Interdependence- The Walrasian System – Graphical Treatment of the Two Factors, Two Commodities and Two Consumer General Equilibrium System – General Equilibrium and Resource Allocation.

UNIT V
Welfare Economics- Criteria of Social Welfare by Adam Smith, Bentham and Cardinalists – Pareto Optimality Criteria – Kaldor Hicks Compensation Criteria – Scitovsky Double Criterion – Bergson‟s Social Welfare Criterion – Maximization of Social Welfare – Derivation of Grand Utility Possibility Frontier.

REFERENCES

1. A. Koutsoyiannis, *Modern Micro- Economics*, Macmillan press, 1983.
2. William J. Baumol, *Economic Theory and Operations Analysis,* Prentice-Hall
India Ltd., New Delhi.
3. H.L. Ahuja, *Advanced Economic Theory*, S Chand, 2004.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                      Signature of the HOD

Credit :5   **Semester - II**   Code: S2PEC6
 Hours / week :6
Medium of instruction: English

MACRO ECONOMICS – II

Unit – I

Neo Classical and Keynesian Synthesis: Neo Classical and Keynesian views on Interest Macro Economic Policy – Monetary and Fiscal Policies – Delegated of IS & CM Curves

Unit – II

Growth Models: The Harrod Domar Models "s - Neo Classical Model of Economic Growth - The solow Model of long Run Growth – Kallor 's Model of Growth.

Unit – III

Macro Economics in an open Economy : Flemiy Model - Asset Markets – Expectations and Exchange Rates – Monetary approach 's to Balance of Payments.

Unit – IV

Theories of Inflation : Classical , Keynesian and Monetary Approaches – Structural Theory of Inflation – Philips Curve Analysis - Samuel and Solow - The Natural Rate of Unemployment Hypothesis – Tokin's Modified Philips – Policies to Control Inflation.

Unit – V

 New Classical macro Economics: Principles – Policy implications if New Classical Approach Evidence .

Reference:

1. Macro Economic Theory and Policy, D.N. Dwivedi (2007), 3rd Edition, McGraw, Hill book Company Pvt. Ltd., Singapore.

2. Macro Economic Theory and Policy, Dr. H.L. Ahuja (2009), S.Chand And Company Pvt. Ltd., New Delhi.

3. Macro Economics, M.L.Jhingan (2011), 8th Revised Edition, Konarad Publications Pvt. Ltd., New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                            Signature of the HOD

Credit :4   **Semester - II**   Code: S2PEC7
 Hours / week :6
Medium of instruction: English

INTRODUCTORY ECONOMETRICS

OBJECTIVES

1 To provide the basic knowledge on the application of econometric tools and techniques to describe economic reality

UNIT I

Definition – Scope and Methodology of Econometrics – Goals Of Econometrics – Two Variable Regression Model – Theoretical Properties of Estimators .

UNIT II

Simple Linear Regression Model – Assumptions of OLSM - Coefficient of Determination (R^2) – Statistical Tests of Significance of Least Square Estimates – Properties of OLSM.

UNIT III

ANOVA – One Way and Two Way – Regression and ANOVA – Testing the Overall Significance of Regression – Testing the Stability of Regression Coefficients to Sample Size.

UNIT IV

Forecasting Types – Errors in Two Variable Case – RMS – Confidence Interval Forecasting with Linear Regression Model – Evaluation of Forecasting .

UNIT V

Introduction to Simultaneous Equation Model – Introduction to Muticollinearity – Autocorrelation – Hetroscadasticity - Identification – Order and Rank Condition .

REFERENCES

1. A.Koutsoiyannis, *Theory of Econometrics*, McMillan, London.
2. David E.Katz, *Introduction to Econometrics*, McGraw Hills, Singapore.
3. Damodar Gujrati, *Basic Econometrics*, McGraw Hills, Singapore.
4. Damodar Gujrati, *Essentials of Econometrics*, McGraw Hills, Singapore.
5. Lawrence Klien, *Principles of Econometrics*, McGraw Hills, Singapore.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                      Signature of the HOD

Credit :4   **Semester - II**   Code: S2PEC8
 Hours / week :6
Medium of instruction: English

OBJECTIVES
 To provide the basic knowledge on the contributions made by the Noble Laureattes to various fields of Economics

CONTRIBUTION OF NOBEL LAUREATES TO ECONOMICS

UNIT:1

 Welfare Economics

John Hicks; Kenneth Arrow; James Buchanan; Amertya K Sen;

UNIT 2:

Open Economy Macroeconomics, Theory of General Equilibrium .

Bertin Ohlin; James Meade; Robert Mundell; Paul Krugman;

UNIT 3:

Theory of Money, Economic Fluctuations and Policy

Gunner Myrdal Milton Friedman Robert Lucas;

UNIT 4:

 Economic Organizations, Game Theory and Decision Making

 John Forbes Nash; Reinhard Selten; Robert Aumann;

UNIT 5:

 Tools in Economics and Mechanism Design Theory

Ragnar Frisch; John Tinbergen; Paul Samuelson; Wassily Leontief;

References:

1. Lindbeck, Assar (ed.) (1992), Nobel lectures in economic sciences 1969-1980, World Scientific,London.
2. Maler,Karl-Goram (ed.) (1992), Nobel lectures in economic sciences 1981-1990, World Scientific, London.
3. Puttaswamaiah (1995), Nobel Economists, Vol.2 1975-85, Indus Publishing Company, New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                        Signature of the HOD

Credit :4   **Semester - II**   Code: S2PECEL2 A
 Hours / week :6
Medium of instruction: English

ECONOMICS OF HEALTH AND EDUCATION

OBJECTIVES
1. To impart knowledge on the importance of education and health .
2. To know about the components of Human resources to economic Development.

UNIT I
Human Resources-Meaning and Definition-Importance of Human Resources- -The Theory of Investment in Human Capital –Return to Investment in Human Capital –The Rate of Return Approach- HDI and HD Report.

UNIT II
Education and Economic Development- Investment in Education and Training –Rate of Return to Investment in Education. Benefits of Education – Direct and Indirect Benefits; Private and Social Benefits- Education, Employment and Income; Contribution of Education to Economic Growth.

UNIT III
Supply of Human Resources- Fertility- Mortality- Population Growth-Causes, Consequences and Controlling Measures- Theories of Population Growth-Indian Population Policy- Demographic Dividend.

UNIT IV
Economics of Health: Concept - Health and Health Care- Gossen Theory - Grossman's Model-Health as Consumption and an Investment Goods; The Role of Health in Economic Development; Comparison of Education and Health- Determinants of Health- Health Insurance in India.

UNIT-V
Migration- Internal, External- Causes and Effects of Migration-Harris-Todaro Model- Brain Drain-Causes and Consequences.

REFERENCES
1. Becker, G.S.(1974) Human Capital. 2nd Edn., NBER, New York
2. Psacharapoulos.G Economics of Education-Research Studies Program Press
3. Rao T.V (1996) Human Resources Development, Experience, Interactions, Strategies.
age Publications, New Delhi.
4. Klarman, H.E. (1965) Economics of Health, Columbia University Press, New York.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                          Signature of the HOD

Credit :4
Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the Economics of human resources
- To enable the students to know about the role of population in development

DEMOGRAPHY

Unit-I

Population and Development- Meaning and scope of demography- Components of population growth and their inter-dependence; Measures of population change- Structure, distribution and sources of population data.

Unit-II

Structure of Population -Population trends in the twentieth century; Population explosion – Threatened or real, distant or imminent; International aspects of population growth and distribution; Pattern of age and sex structure in more developed and less developed countries.

Unit-III

Fertility, Nuptiality and Mortality Importance of study of fertility – Total fertility rate, gross reproduction rate and net reproduction rate; Levels and trends of fertility in more and less developed countries; Factors affecting fertility – Socioeconomic factors, economic status, health, education, nutrition, caste, religion, race, region, rural-urban and status of husband and wife;

Unit-IV

Urbanization and Demographic Data Base in India Urbanization – Growth and distribution of rural–urban population in developed and developing countries. Study of census in India – Methodology and characteristics of census; Nature of information collected in 1971, 1981, 1991, 2001, 2011 census in India.

Unit V

Population and Development with Reference to India Population, economy and environment linkages – Population, health, nutrition, productivity nexus; Population and human development issues; Culture and fertility; Education and fertility, Demography and household economic behaviour.

References;
• Agarwala S.N. (1972), India's Population Problem, Tata McGraw-Hill Co., Bombay.
• Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
• Bogue, D.J. (1971), Principles of Demography, John Wiley, New York.
• Chenery H. and T.N. Srinivasan (Eds.)(1989),
• Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

QUANTITATIVE ECONOMICS

Credit :4   Code: S2PECEL2C

Semester – II

Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the Economics of human resources
- To enable the students to know about the role of population in development

Unit I
Concept of function and types of functions; Multivariable functions; Interpretation of revenue, cost, demand, supply functions; Rules of differentiation; Elasticity and their types; Rules of Partial differentiation and interpretation of partial derivatives;

Unit II
Problem of maxima and minima in single and multivariable function; Concept and simple rules of integration; Application to consumer's and producer' surplus.

Unit III
Concept of Matrix and Determinant – types, simple operations on matrices, matrix inversion and rank of matrix; Solution of simultaneous equations through Cramer's rule and Matrix inverse method.

Unit IV
Difference equations – Solution of first order and second order difference equations; Applications in trade cycle models; Growth models and lagged market equilibrium models.

Unit V
Linear programming – Basic concept, Nature of feasible, basic and optimal solution; Solution of linear programming problem through graphical and simplex method;

Basic Reading List
1. Mathematics for Economics by Michael Hoy etal, PHI, New Delhi, 2004.
2.Quantitative Methods for Business and Economics by Adil H. Mouhammed, PHI, New Delhi, 2003. 3.Quantitative Methods by D.R. Aggarwal
4. Basic Mathematics for Economists by R.C. Joshi, New Academic Publishing

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :5
Hours / week :6
Medium of instruction: English

RESEARCH METHODS FOR ECONOMICS

OBJECTIVES:
- To enable the students to know about the various methods for doing Economic Research
- To enable the students to know about the various methods of data collection and processing and to draft the report.

Unit – I
Introductory aspects of Research Science – its Meaning and Characteristics – Specific Features of Research in Social Sciences as Opposed to Physical and Natural Sciences – Objectivity in Research – Dialectical and Historical Materialism.

Unit – II
Methods of Research Methods of Research – Deductive and Inductive Reasoning – Steps of Scientific Method – Historical Methods – Case study – Sample Surveys – Various Sampling Methods – Importance of Proper Sampling Design.

Unit – III
Steps in Research Steps in Research – Formulation of a Research Problem – Guiding Principles in the Choice of a Research Topic – Role of Review of Literature – Formulation of Research Design – Model Building – Hypothesis: Concept, Definition, Formulation and Testing.

Unit – IV
Sources of Data & its preparation Secondary Data – Some Importance Sources: NSSO, CSO, Economic Survey, Annual Survey of Industries, RBI Reports, Primary Data Collection – Tools – Observation, Schedule, Questionnaire, Projective Techniques – Principles Underlying Construction of a Questionnaire – Preparation of Master Table – Data Processing – Analytical Tables.

Unit – V
Report Writing – Structure and General Format – Style – Use of Footnotes – Citations – Presentation of Tables, Diagrams, Charts and Maps – Bibliography.

REFERENCE:
1. Research Methodology, P. Ravilochhanan (2003), 2nd Revised Edition, Margham Publications, Chennai. .
2. Research Methodology, P. Saravanavel (2014), 16th Fully Revised and Enlarged Edition, Kitab Mahal Agencies, Allahabad. G

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

INTERNATIONAL ECONOMICS

OBJECTIVES:

- To enable the students to know about the Economics of International trade.
- To enable the students to know about the role of Globalisation in development.

UNIT – I

Theories of International Trade- Distinguishing Features of International Trade – Theories of absolute and Comparative Cost Advantages , Theory of Opportunity Costs – Hecksher – Ohlin Theory of Trade, Leointief Paradox.

UNIT – II

Terms of trade and measurement of gains from Trade- Concept of Terms of Trade, their uses and limitations, Theory of Interventions – Tariffs, Quotas and Non-Tariff Barriers – Economic Effect of Tariffs, Quotas and Non-Tariff Barriers

UNIT – III

Balance of Payment Meaning and Components of Balance of Payment – Disequilibrium in the Balance of Payment – Process of Adjustment and Gold Standard, Fixed and Flexible Exchange Rate-, Relative Merits and Demerits of Fixed and Flexible Exchange Rates

UNIT – IV

Globalization – Trade and Implications- Rise and Fall of Gold Standard, Brettonwoods system, IMF and Emerging International Monetary System – International Trade and Financial Institutions – GATT/WTO, UNCTAD, World Bank and Asian Develoipment Bank.

UNIT – V

Trade Policies in India- Trade problems and trade policies in India – Recent Changes in the direction and Compositions of Trade, Rationale and Input of Trade Reforms Since 1991 on Indian's Balance of Payments, – Instrument of Export Promotion – Working and Regulation of Multi National Corporations in India.

REFERENCE:

1. International Economics, M.L. Jhingan (2009), 6th Revised Edition, VRIND Publications, New Delhi.
2. International Economics, D.M. Mithani (2005), 3rd Revised Edition, Himalaya Publishing House, New Delhi.

<div align="center">Question Paper Pattern</div>

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

<div align="right">Signature of the HOD</div>

ECONOMICS OF GROWTH AND DEVELOPMENT

OBJECTIVES:
- To enable the students to know about various growth models.
- To enable the students to know about the various factors affecting economic growth.

Unit – I   Economic Growth and Development – Criteria – Factors Affecting Economic Growth – Vicious – Nurske, Meir and Baldwin – Technological Progress – Production Function Approach to the Economic Growth

Unit – II   Theories of Development – Classical Theory of Development – Smith, Ricardo, Malthus and Mill – Karl Marx and Development of Capitalistic Economy – Crisis in Capitalism

Unit – III Neo – Classical Theory of Growth – Meade and Solow – Mrs.Joan Robinson's Growth Model – Keynesian Theory of Development – Post – Keynesian Theory of Growth – Harrod and Domar Model .

Unit – IV   Approaches to Development – Partial Theories of Growth and Development – Big Push, Balanced Growth, Unbalanced Growth, Critical Minimum Effort Thesis, Low Income Equilibrium Trap – Dualism .

Unit – V Social and Institutional Aspects of Development – Development and Under Development – Perpetuation of Underdevelopment – Poverty – Absolute and Relative – Percapita Income, Inequality of Income – Human Development Index – Sen;s Index – Quality of Life – Theory of Demographic Transition – Population, Poverty and Environment – Economic Development And Institutions .

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Q (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Code: S3PEC12

Hours / week :6
Medium of instruction: English

FOREIGN INVESTMENT IN INDIA

OBJECTIVES:
To enable the students to know about the Foreign Portfolio Investment in India
- To enable the students to know about the Foreign Direct Investment and its policies and its impact in India

UNIT I

Foreign Investment-Meaning-Advantage of FDI- Disadvantages-Determinants of FDI-World Bank determinants-Portfolio Investment-Advantages and Disadvantages of Portfolio Investment

UNIT II

Foreign Direct Investment Policies in India- FDI Policy Regime-Recent Initiatives to attract FDI-Routes for Inward flows of FDI-Entry Options for Foreign Investors

UNIT III

Foreign Direct Investment- India's Performance in Global context-Foreign Investment Trends in India- Annual investment inflows-Top Investing countries-Sectors attracting highest FDI Inflows- India's share in FDI flows to developing countries

UNIT IV

Foreign Direct Investment in Infrastructure-Introduction-Nature and options of Infrastructure finance- IIFCL-FDI in Service Sector- growth of Service sector in India

UNIT V

Foreign Direct Investment- Manufacturing-Natural Resources-Knowledge Economy-Foreign Exchange Policy 1991- Export-Import policy-Measures to improve Foreign Ivestment in India

REFERENCES
1. Fundamentals of Investment Management, V.K. Bhalle (2006),First Edition, S.Chand Company Pvt. Ltd., New Delhi
2. Foreign Direct Investment Contemporary Issues, Usha Bhati (2006), First Edition, Deep & Deep Publication Pvt. Ltd., New Delhi

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

OBJECTIVES:
To enable the students to know about the Entreprenurshipd evelopment agencies in India
To enable the students to know about the role of women in Entreprenurship development

ENTREPRENEURSHIP DEVELOPMENT

Unit – I   Concept – Meaning – Distinction between an Entrepreneurial and Manager –
            Nature and Characteristics of Entrepreneurial – Qualities – Types – Functions
            – Role of Entrepreneurial in "Economic D4evelopment.

Unit – II   Project Management – Project formulation – Project Identification – Evolution
            – Feasibility analysis – Project Report.

Unit – III   Entrepreneurial Development Agencies – Commercial Banks – DIC –
            NSICO – SID – SISI – All India Financial Institutions – IDBI – IFCI – ICICI
            –IRDBI

Unit – IV   Woman Entrepreneurship – concept – Role – Growth – Problems – Selection
            of in our toy – suggestion for Development – Role of Woman Associations

Unit – V   EDP in India – Concept – Need – Phases – Contents Target Groups – Special
            Agencies of Sachems, Institutions Conducting Programmes – Problems –
            Evaluating Development Programmes.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :4   Code: S3PECELIB
Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the scope of financial economics.
- To enable the students to know about the budgeting in India.

FINANCIAL ECONOMICS

Unit –I
Nature and Scope of Financial Economics; Goals of Finance; Economics of capital Budgeting-Investment Criteria- Capital Budgeting and Computation of Cost of Capital, Capital Budgeting Under Constraints.

Unit –II
Economics of Capital Structure and Firm Value- Net Income Approach, Net Operating income Approach-Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Ratio Analysis, Cash Flow Analysis

Unit – III
Economics of Dividends-Walter Model, Gordon Model, Modigliani and Miller Model-Key Dimensions of Dividend Policy; Economics of Working Capital-Estimation of Working Capital, Financing of Working Capital.

Unit – IV
Economics of Cash- Cash Budgeting and its Simulation, Optimal Cash balance, Baumol Model, Miller and Orr Model; Economics of Receivables; Discriminate Analysis and Customer Classification; Economics of Inventory.

Unit – V
Cost-Volume-Profit Analysis; Operating and Financial Leverage; Discounted cash flow Theory; Value Creation Approaches – Marakon Approach, Alcar Approach. McKinsey Approach, Economic value Added (EVA) Approach; Economics of Mergers and Acquisitions.

Reading List:
1. A. Auerbach, "Corporate Takeovers: Causes and Consequences". University of Chicago Press, 1988.
2. A.Ch. Shapiro, "Modern Corporate Finance". Macmillan Publishing Co., New York, 1991.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Hours / week   :6   Code :S3PECEL3C
Medium of instruction: English

INDUSTRIAL ECONOMICS
OBJECTIVES:
- To enable the students to know about the scope of Industrial economics.
- To enable the students to know about the new industrial policies in India.

Unit-I   structure and change – Economics of Scale –
                – Industrialisation in Planned Economics – H.B. Chenery's
                pattern of Industrial Change.

Unit – II   **Industrial Location** Theories of Industrial Location – Weber – Losuch and Sargent Florance – Hoffman's Hypothesis of Market Economics –factors affecting location.

                                                    External and Internal sources of
Unit – III   **Industrial Finance**   funding to an Industrial
                unit – Nature, Volume and types of institutional finance, Role of IDBI, IFCI, SFCS, Commercial Banks .

Unit – IV   **Industrial Policy and Economic Reforms** Industrial Policy resolutions: 1948, 1956 Economic Reforms and their infect on Indian Industry – Privalisation and disinvestment; a Pricing of Public utilizes in India.

Unit – V   **Project Planning and Appraisal** Cost Benefit Analysis, net present Value, Internal Rate of return criteria – Balancing Private and social returns.

Reference:
1. Industrial Economics, R.R.Barathwal (2010), New Age Internationbal Pvt. Ltd., New Delhi.
2. India Development Report, D.M.Nachane (2011), Indira Gandhi Institute of Development Research, Oxford University Press, New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                    Signature of the HOD

Credit :5**Semester – IV**   Code: S4PEC13
Hours / week   6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the role of agriculture and Industries in India
- To enable the students to know about the Planning in India.

INDIAN ECONOMIC DEVELOPMENT AND POLICY

Unit – I   **Human Resource and Economic Development:** Size and Growth Rate of Population in India – Sex, Age Composition and Density. The Theory of Demographic Transition – Population as a Retarding Factor – Family Planning – Population Policy - National Population Policy 2000 – The Quality of Population – National Human Development Report (2001).

Unit – II   **The Agriculture Sector** Role of Agriculture in the National Economy – Causes of Low Productivity – Concept of Food Security – Tenth Plan and Food Security – Agriculture Under Ninth Plan – Green Revolution – National Agricultural Policy (2000) – Agricultural Credit – Marketing and Warehousing.

Unit – III   The Industrial Sector Problems of Large Scale Industry – Iron & Steel, Sugar, Cement and Petrochemical Industries – Prospects of IT Industry – Industrial Disputes in India – Its Settlement – Social Security Measures. The Right to Strike and Supreme Court Judgment – Sickness in India Industry

Unit – IV   Planning in India Performance of Public Sector Enterprises – Disinvestment of Public Enterprises – Privatization: its Meaning and Scope – Tenth Plan – its Objectives, Target and Strategy – Recent Five Years Plan

Unit – V   Economic Reforms   Economic Reforms in India Globalization and   its impact in India – WTO, Subsidies and Agriculture – Impact of WTO on various aspect of Indian Economy – Geneva Framework of WTO and India.

Reference:
1. Indian Economy, Ashwani Mahajan & Ganrav Datt, 67th Edition, S.Chand & Company Pvt. Ltd., New Delhi.
2. Indian Economy, Ruddar Datt, K.P.M. Sundharam, 48th new Edition, S.Chand & Company Pvt. Ltd., New Delhi

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :5   **Semester – IV**   Code: S4PEC14
Hours / week :6
Medium of instruction: English

OBJECTIVES:
- To enable the students to know about the Economics of Environment in India
- To enable the students to know about the Environmental regulaions

ENVIRONMENTAL ECONOMICS

UNIT-I
Economics and Environment – Inter linkages - Definition, role and significance of Environmental Economics - Theories of Environmental Economics- Market failure and Externality- Parties Optimality- Economic Efficiency - Environmental Quality as a public good.

UNIT-II
Environmental Pollutions - air, water and noise- Causes and Controlling measures - Forest and Environmental Quality- Land use and soil Degradation - Cost – Benefit Analysis in controlling population

UNIT-III
Organization and Population vs. Environmental Quality - Effects of over population and Organization - Problems and remedies.

UNIT-IV
Environment vs. Economic growth - Environmental Effects of Economic growth - Pollution vs. growth controllers - limits to growth - Criticism on limits to growth.

UNIT- V
Environmental Education - Environmental Awareness – Environmental Awareness Movements in India - Silent value and Narmada Bachao Movements.

Books for reference:
Kar pagam - Environmental Studies
Dr. S. Sankaran - Environmental Economics

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

                                                                    Signature of the HOD

OBJECTIVES:
- To enable the students to know about the Marketing management in India
- To enable the students to know about the Pricing

MARKETING MANAGEMENT

Unit-1   Marketing Management – Role   of Marketing in Economic Development – Objectives – Marketing Functions at Micro and Macro Levels – Market Planning Process – Marketing Strategy – Marketing Problems .

Unit – II   Sales Promotion and Adverting   Importance of   Scale   Origination – Salesmanship and techniques of Scale Promotion – Advertising – Objectives – Types and Function – Advertising for Rural Markets.

Unit – III   Pricing Policies   Objectives of Pricing – Price Determination Procedure m- Discount and Allowances in Pricing Product line Pricing – Legal Restrictions on Pricing .

Unit – IV   Media Selection   Indoor Media: News Paper Magazines – Radio / Broadcast – Television Films – Out Door Posters – Printed Display – Travelling Display – Factor Influencing Selection of Media – Difficulties in Selection.

Unit – V   Marketing Research   Nature and Technique of Marketing Research – Trends in Marketing Research – Marketing Plan for Exports – Scope for Rural Marketing in India – Future of Marketing Research – Ethics in Treatment of Buyers.

Reference:
1. Marketing management Rajan sayena Fifth Edition(2001)Tata McGraw- hill publication company Ltd Newdelhi
2. Dr.N.rajan Nair,Sanjith R.Nair Seventh Edition(1993)Sultan chand&sons New Delhi
3. Marketing management in a Developing Economy P.K.Srivastava First edition(1991)Sterling publications Pvt Ltd. New Delhi

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

MANAGERIAL ECONOMICS

OBJECTIVES:

1. To enable the students to know about the application of managerial concepts to economics
2. To enable the students understand the importance of economics in managerial decision making

Unit – I   Nature and Scope – Applications of Economics to Managerial decisions – Role and Responsibilities of Managerial Economists in the Emerging corporate scenario.

Unit – II   Demand Forecasting – Interview and Survey Approach – Projections – Short term forecasting – Forecasting demand for new product – forecasting method: Survey, Time series, Delphi methods.

Unit – III   Types of Pricing – Transfer pricing – Full cost pricing – Odd number pricing – peak –m load pricing of multi – product firm – Skimming vs Penetration. Price Discrimination – sticky prices – going – rate pricing – customary pricing – Mark – up, Mark – down pricing.

Unit – IV   Capital Budgeting – the process – Cash flows and out flows – Valuation of future cash flows – present value – cost of Capital – methods of ranking alternative investment – project appraisal – NPV, IRR Techniques – inventory management – Profit – Measurement – Break even Analysis – Profit Policy, Planning and Forecasting.

Unit – V   International Business environment, WTO and Small business, changes in overall macroeconomic environment for business liberalization and deregulation – implications for managers.

Reference:

1. Managerial economics, Dr.H.L. Ahuja Eight Revised Edition(2014),S.Chand&company pvt,ltd.new delhi.
2   S.Sankaran Ninth Edition (2010) Printed and published by Margham publication,Chennai.
3.R.L.Varshney K.L.Maheswari Fifteenth Edition(1995) Sultan Chand&sons, New delhiQuestion Paper Pattern

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :4
Hours / week :6
Medium of instruction: English

STATISTICS FOR ECONOMICS

OBJECTIVES
1. To strengthen the quantitative background of the learner.
2. To provide tools for scientific research work.

UNIT I
Testing of Hypotheses -Procedures – Types- Errors in Hypothesis– Standard Error - Estimation-Properties of Good Estimator.

UNIT II
Test of Hypothesis - Large Sample Tests – Mean Test – Standard Deviation Test – Proportion Test – Correlation Test- Z Transformation Test. Small Samples Test – Student'sT' Test – F Test – X2 Test (Simple Problems).

UNIT III
Probability: Definition – Types – Types of Events – Theories – Binomial, Poisson, Normal Distributions. (Simple Problem)

UNIT IV
Correlation Analysis – Partial Correlation – Partial Correlation Coefficient – Zero Order – First Order and Second Order Coefficients – Uses and Limitations- Multiple Correlation: Coefficient of Multiple Correlations – Advantages and Limitations.

UNIT V
Regression Analysis: Correlation and Regression Analysis Comparison- Multiple Regression Analysis- Reliability of Estimates – Coefficient of Multiple Determinations.

REFERNCES

1. S.P. Gupta , Statistical Methods, Sultan Chand & Co., New Delhi.s
2. Tara Yaman, Statistics, Yamane, Taro, "Mathematics for Economists": An Elementary Survey, "2nd Edn. Prentice Hall, New Delhi.
3. D.C. Sancheti and V.K. Kapoor, Statistics: Theory, Methods and Applications, Chand and Co., New Delhi.

Question Paper Pattern
Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part C 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

Credit :4**Semester – IV** Code: S41PECEL5A
Hours / week 6
Medium of instruction: English

MATHEMATICAL METHODS

OBJECTIVES

1. To make the students understand the application of basic mathematic functions on economic concepts.
2. To understand economic concepts like elasticity from the view of mathemetics

Unit – I Nature and Scope of Mathematical Economics – Real Number System – Set theory – Concepts and operations of sets - Relations and function – constant – Linear, Quadratic, Cubic, Rational, Exponential and Logarithmic functions – Examples in Economics,

Unit – II Derivatives – Technique of derivatives – functions of one variable – two variables – application in Economics – Demand, Cost and Revenue functions.

Unit – III Optimization - Optimization. Problems involving one or two variables – partial and total differentiation – Application in Economics – Demand , Utility analysis – Profit and revenue maximization – Euler" s theorem.

Unit – IV .Linear Algebra – Introduction to linear algebra – vector and matrices – Addition and multiplication – Determinants – Matrix inverse.

Unit – V Cramer" s rule – Simultaneous equations – Input – output model – Linear Programming (graphical solution only)

Reference:

1. Mathematics and Statistics for Economists, G.S. Monga 2004, Second Revised Edition, Vikas Publishing House Pvt. Ltd., New Delhi.
2. Fundamental Methods of Mathematical Economics, Alpha C. Chiang (1998), 3rd Edition, McGraw, Hill book Company Pvt. Ltd., Singapore.
3. Quantitative Techniques, C.R.Kothai (2008), 3rd Edition, Vikas Publishing House Pvt. Ltd., New Delhi.

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20 Answer all Question (Two questions from each unit)

Part B 5x5=25 Answer all Question (Either or type – Two question from each unit)

Part B 3x10=30 (Answer any three questions one question from each unit)

Signature of the HOD

FINANCIAL REGULATIONS AND BANKING SUPERVISION

OBJECTIVES *1. To understand the revised control regime of Indian economy in the movement of financial inclusion.*
2. To know the extent of control and the tools of the regulatory bodies like RBI in instilling the public confidence

Unit –I   A Symmetric information and the ?rationale for Regulation of Securities Market, Financial Market Fragility, Review of Regulatory policies in Indian Emerging Markets.

Unit – II   Structure of Primary and Secondary Markets, Dematerialization, Depositories, Credit Rating, Financial Institutions, Development Financial Institutions, Non-Banking Financial Intermediaries, LIC of India and UTI, Mutual Funds, Venture Capital, Bank – Assurance.

Unit – III   Indian Capital Market Integration, foreign Institutional Investor, Impact of Exchange Rate Variability in a Liberalized Regime, GDRs, ADRs.

Unit – IV   Banking Regulation Act 1949, Financial Stability, Basics of Public Debt Management Issue of Government Securities Conduct of Monetary Policy – Role of Gilt Market.

Unit – V   Capitals Adequacy Regulation Basel Accord I & II. Accounting Standard Disclosure and Relationship Banking Mark – to – Market Accounting, Liquidity Risk and Contagion Market.

Reference:

1. Financial Accounting for Management, Paresh Shah (2010), Oxford University, New Delhi.
2. Financial Services, Tripathy Nainai Prava (2007), PHI, New Delhi.
3. Investment Banking, Subramaniyam (2005), Tata McGraw Hill Education,

Question Paper Pattern

Maximum Marks : 75   Exam Duration : 3 Hours
Part A 10x2=20   Answer all Question (Two questions from each unit)
Part B 5x5=25   Answer all Question (Either or type – Two question from each unit)
Part B 3x10=30   (Answer any three questions one question from each unit)

                                                                    Signature of the HOD

Credits	:	4	Code : S4PECEL5C
Hours / Week	:	6	
Medium of Instruction	:	English	

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Semester – IV
(For Students Admitted from 2018 Onwards)

INVESTMENT ECONOMICS
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Objective:

To provide students to know and evaluate the various sources of investments.

Unit - I

Investment –Objective of investment-Investment Vs Speculation- Investment process-Sources of Investments.

Unit - II

Risk- Systematic and Unsystematic risk - risk and return, Capital and Revenue returns.(Theory Only)

Unit - III

Bank deposits- Post office saving schemes- Gold and silver- Real estate- Equity shares and Debts- Government Securities- Mutual Funds- Life Insurance and Tax savings

Investments.

Unit - IV

Time Value of Money - Meaning- Current Money Vs Future Money- Present Value Interest Factor (PVIF) - Present Value Interest Factor Annuity (PVIFA) Future Value Interest Factor Annuity (FVIFA).

Unit - V

Primary Market Vs Secondary Market- Fundamental Analysis- Economic Analysis- Industry Analysis- Company Analysis.

Text and Reference Books

1. Natarajan.L -Investment Management, Margham Publishers, Chennai.

2. Prasanna Chandra -Investment Analysis and Portfolio Management, Tata McGraw-Hill Education, New Delhi

3. Pandian Punithavathy - Security Analysis and Portfolio Management, Vikas Publishers,New DelhI

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Question Paper Pattern
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Maximum Marks : 75   Exam Duration : 3 Hours

Part A 10x2=20   Answer all Question (Two questions from each unit)

Part B 5x5=25   Answer all Question (Either or type – Two question from each unit)

Part B 3x10=30   (Answer any three questions one question from each unit)

Signature of the HOD