CORE COURSE—I—MICRO ECONOMICS-I

(From 2016-2017 onwards)

SUBJECT DESCRIPTION:

This supportive course is designed to introduce students to key contemporary issues in Micro Economics and equip them with the approaches in economics that are in general applied to analyse Economic Problems and policies.

Goal: To enable the student to understand some of the central aspects of Micro Economic Theory

Objectives:

- To analyse various approaches related to Micro Economics
- To gain knowledge to understand economic theories and models related to Micro Economics.

Content:

UNIT—I	Cardinal and Ordinal approaches to the theory of demand—Revealed Preference Approach—Application of indifference curves to the theory of exchange and index Numbers.
UNIT—II	Hicks's revision of demand theory—Neumann—Morgenstern theory of decision Making under uncertainty—Veblen effect and Bandwagon effect—
UNIT—III	Theory or production: Concepts of costs of production—production function—Properties of Linear Homogeneous function—Cobb-Douglas and CES Production Function—ISO—Quant's Return to Scale.
UNIT—IV	Market Structure: Price-out put determination under perfect competition, Monopoly, Monopolistic competition—Bilateral Monopoly
UNIT—V	Price-output determination under Duopoly and Oligopoly—Objectives of a firm-Sales maximisation and other objectives.

References:

Edwin Mansfield	Micro Economics-Latest Edition
A.Koutsoyiannis	Modern Micro Economic-Latest Edition
H.L. Ahuja	Advanced Economic Theory
M.L. Jhinghan	Modern Micro Economics- Latest Edition

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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CORE COURSE--II--MACRO ECONOMICS-I

(From 2016-2017 Onwards)

Subject Description:

This course aims at students to gain strong fundamentals of Marco economic theories Policies and models In a historical prospective.

Goals: This course is intended to introduce the students on the basic concepts of economic Development, strategies and measurement.

Objectives:

To introduce the students on the sectoral flow of national income, its accounting and Factors influencing income at current and constant prices.

To enable students develop a critical insight on classical, Keynesian macroeconomic models and A functioning at four different market conditions.

To make students to understand roll of expectation uncertainty and the relationship Between inflation and employment.

Contents:

UNIT—1   Basic concepts: Stock and Flow Static, Dynamic and Comparative static—Classical Theory of Employment—Criticisms—Keynes theory of Underemployment equilibrium-Consumption function.

UNIT—II   Post Keynesian theories of consumption function—Relative income hypothesis—Permanent income hypothesis—Life cycle hypothesis—Determinants of consumption Function; objectives and subjective factors—Measures to raise consumption.

UNIT—III   Investment Function—Meaning and types of investment—Determinants of Investment—Marginal Efficiency of investment Multiplier—Balanced Budget Multiplier—Principles of Acceleration.

UNIT—IV   Business cycle—Meaning and phases of business cycle—Theories of Business cycle—Samuelson's Model—Hicks's Model;--Kaldor's Model—Policy measures to control Business cycle

UNIT—V   Equilibrium of the produce Market—IS—curve—Equilibrium of the money Market—LM—curve. Three range: Classical, Intermediary and Keynesian range—General Equilibrium—uses and limitations of the IS-LM Model.

Reference:

M.L. Jhinghan,   -   Macro Economic Theory, Latest Edition
H.L. Ahuja,   -   Macro Economic: Theory and Policy, Latest Edition,
P.N. Chopra   -   Macro Economics, Latest Edition.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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CORE COURSE—III—FISCAL ECONOMICS

(From 2016-2017 onwards)
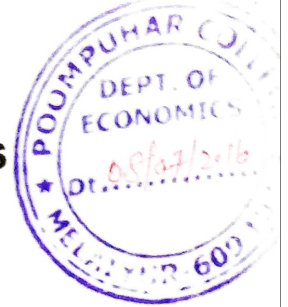
Subject Description:

This subject is primarily aimed at introducing principles of public finance, role of different Governments, public expenditure, taxation, budget and fiscal policy with reference to India.

Goals:

To give exposure to the student, the role and the function of the government in a modern Economy.

Objectives:

- To gain sound knowledge on the principles of public finance.
- To understand roles of different governments
- To provide a strong knowledge base on Indian public finance.

Contents:

UNIT—I   Theory of Public Household-Allocation, Distribution, Stabilisation, Coordination-Conflict of functions-Theory Social Goods-Market Failure- Public Goods, Mixed Goods-Theory of public choice

UNIT—II   Public Expenditure-Structures, Growth and controlling measures-Theories of Public Expenditure-Wagner's law and Wiseman-Peacock Hypothesis-Appraisal.

UNIT—III   Public Revenue-Structure-Principles of Taxation-New theory of Fiscal incidence-Effects on Efficiency, Capacity and output.

UNIT—IV   Fiscal Policy-Definition-Objectives and tools-Balancing, Compensatory and Dynamic Goals Fiscal Policy in India—Functional Finance—Deficit Financing For Development.

UNIT—V   Centre –state financial Relations-Principles-Balancing Factors-Finance Commissions (Recent)-Evaluation-Local Finance—Rural and Urban Bodies-Recent trends.

Reference:

R. Musgrave and B. Musgrave,	-	Public Finance in Theory and Policy, Latest Edition
B.P. Tyagi,	-	Public Finance Latest Edition
Herber	-	Modern Public Finance.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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CORE COURSE—IV—MANAGERIAL ECONOMICS

(From 2016-2017 onwards)

SUBJECT DESCRIPTION:

This subject aims at providing knowledge on basic Economic Principles, as well as Applied skills to enable the students to acquire managerial decision making and skills.

GOALS:

This paper intends to give the students a good understanding of the economic theory and Applying it in business decisions.

OBJECTIVES:

- To gain knowledge in basic Economic theories, concepts and models.
- To gain sound knowledge to apply economic theories and models to execute managerial Functions.

CONTENT:

UNIT—I   Definition-Nature and Scope of Managerial Economics—Significance of Demand Analysis in Managerial Economics-Demand Forecasting-Forecasting Demand For new products.

UNIT—II   Pricing-
Techniques and practice-Marginal and Average cost pricing-cost plus pricing-Target pricin Going Rate Pricing-Loss Leader Pricing-Peak loading pricing-Price Discrimination.

UNIT—III   Profit—Measurement of Profit—Profit Planning—Break-Even Analysis-Profit Forecasting.

UNIT—IV   Capital Budgeting—Cost of Capital—Different Methods of appraising Project profitability.

UNIT—V   Theory of Games—Two person zero—sum game—Pure and Mixed Strategy, Saddle Point solution.

REFERENCES:

Varshney and Maheshwari	-	Managerial Economics, Latest Edition
P.L. Mehtha,	- -	Managerial Economics , Latest Edition.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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ELECTIVE COURSE—I—ECONOMIC DEVELOPMENT OF INDIA

(from 2016-2017 onwards)

SUBJECT DESCRIPTION:

This course provides the foundation for the nature of Indian Economy. This subject is aimed At introducing the characteristics of Indian Economy, National Income and determinants of Economic Development.

GOALS: To enable the students to learn the basic features of Indian Economy.

OBJECTIVES:

Students who complete this course will be able to understand the developmental aspect Of Indian Economy and the problems facing by the India.

CONTENTS:

UNIT—I   Indian Planning—Planning Commission: Structure and Functions—Five Year Plans Objectives and achievement of Indian Planning—Strategies—Recent Five Year Plans 10th and 11th

UNIT—II   Agriculture: Measures to Increase agricultural productivity—New agriculture strategy—Land reforms—Agricultural finance and credit—Marketing—Pricing Policies—Agriculture and economic reforms

UNIT—III   Industry: Structure and growth of industries, Public sector and private sector in Industrial development—cottage and small scale industries—industrial policy—Institutional of industrial finance—MRTP Act—Industry and Economic reforms.

UNIT—IV   Major economic Problems: Unemployment—Poverty—Income inequalities Regional development

UNIT—V   New Economic Policy—Reforms in Agricultural, Industrial—Infrastructure and Economic Development—Foreign Trade and Balance of Payment reforms.

REFERENCES:

R. DUTT & K.P.M. SUNDARAM   -   Indian Economy, Latest Edition
I.C. DHINGRA   -   Indian Economy, Latest Edition
MISRA AND PURI   -   Indian Economy, Latest Edition.

Question Pattern

1.   Section-A (10x2=20) Two question each from of the five units.
2.   Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3.   Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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CORE COURSE—V—MICRO ECONOMICS—II

(From 2016-2017 onwards)
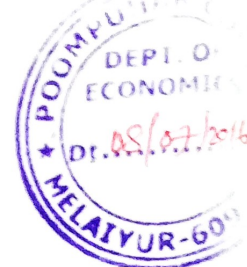
Subject Descriptions:

This course aims at students to gain strong fundamentals of Micro economy theories policies and models in a historical prospective. Concept and measurement of Economic welfare and various expert ideas.

Goals: The paper examines the basic principles underling the functioning of an economy and analysis general market conditions.

Objectives:

To Analysis the theory of distribution.

To analysis general equilibrium analysis in micro economics.

To understand the reasons for market failures.

Contents:

Unit: 1 Theory of Distribution:- Functional Vs Personal Distribution- Marginal Productivity Theory of Distribution-Clark, Marshall and Hicks versions of Marginal Productivity Theory- Product Exhaustion Theorem.

Unit: 2 Alternative theories of factor shares-Ricardian,Marxian, kalecky and Keynesian theories of distribution- Technical changes in factor shares.

Unit: 3 General Equilibrium Analysis-Partial Vs Equlibrium -Walrasian General Equilibrium Model 2x2x2 Graphical General Equilibrium Mode-Edge worth Box diagram.

Unit:4 Concept and Measurement of Economic welfare-Pigouvian Welfare Economic Pareto's welfare economic –Pareto's optimality condition under perfect competition.

Unit: 5 Market failure and non-attainment of praetor optimality- Measures to correct market failure- Trade-off between efficiency and equity-social welfare function- Arrow's impossibility Theorem.

References:

Edwin Mansfield, Macro Economics,

Koutsoyiannis, Macro Economics,

H.L.Ahuja, Advanced Macro Economic Theory.

M.L.Jhinghan, Modern Micro Economics.

Question Pattern.

1) Section-A (10X2=20 Two question each from of the five units)
2) Section-B (5X5=25 either or type pattern;a set question from each of five units)
3) Section-C(3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE – VI –MACRO ECONOMICS—II

(From 2016-2017 onwards)

Subject Description:

This course aims at students to gain strong fundamentals of macro economy theories policies and models in a historical prospective.

Goals: The paper examines the basic principles underling the functioning of an economy and deals with the determination of major macroeconomic aggregates.

Objectives:

To introduce the students on the sect oral flow of national income, its accounting and factors influencing income at current and constant prices.

To enable students develop a critical insight on classical, Keynesian macro economic models and a functioning at four different market conditions

To make students to understand roll of expectation uncertainty and the relationship between inflation and employment.

Condents:

Unit:1 Supply of money-Central Bank and High powered money-commercial banks and credit creation-Determinants of money supply.

Unit:2 Demand for money-Theory of money demand before Keynes-Keynes's theory of demand for money-Post-Keynesian theories: Tobin-Baumal, Milton Friedman-Real Balance Effect.

Unit:3 Financial Intermediation by non Banking financial institution-Radcliff committee-Tobin, Gurley and Shaw on the role and regulation of non banking financial institution-Development of non banking financial institution in India and their control by RBI–Non Banking financial institutions versus commercial banks.

Unit:4 Inflation-Demand pull and cost push theories –Inflation and unemployment-Philips curve-short run and long run-Deflation and stagflation-Rational Expectations Hypothesis.

Unit:5 Objectives of Macro Economic policy-Tools and problems of monetary policy-Monetarism Vs Keynesianism-Supply side Economics.

References:

M.L. Jhinghan,	Macro Economics, Latest edition,
H.L. Ahuja,	Macro Economics,
P.N.Chopra,	Macro Economics,
Edward Shapirp,	Macro Economics,
L.G.Reynpolds,	Macro Economics.

Question Pattern.

Section-A (10X2=20 Two question each from of the five units)

Section-B (5X5=25 either or type pattern set question from each of five units)

Section-C(3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE—VII—DEMOGRAPHY

(From 2016-2017 onwards)

Subject Descriptions:

This course explores the fundamental theories of Malthus's and crude of birth and death rate , techniques of populations projections, educations levels and problems of populations.

Goals:

This course is intended to introduce the students on the basic concepts of Demography, population growth and birth rate and death rate. With this in background the course will provide broad outline on the nature and characteristic feature of the Demography.

Objectives:

To study about the demography and theories.

To analysis population growth.

To analysis the Human Migration

Contents:

Unit .I Nature and Scope of Demography-Its relation with other disciplines-Theories of population-Malthus, optimum theory of population and the theory of demography transition.

Unit: II Factors affecting mortality-Nuptiality-Concept and analysis of marital status, single mean age at marriage--Trends in age at marriage – Concept, Measurement and factors affecting fertility in developed and developing nations.

Unit: III Life Table: Meaning of its columns and uses-Techniques of population Concept of stationary, stables and quasi – Stationary population-Sources of demography data in India.

Unit: IV Education, Health and Population- Human capital- cost of education- Investment in Education-Rate of Return- Achievements and problems of Elementary education in India- Factors affecting Health – Preventive and curative health service.

Unit:V Population structure and characteristics with special reference to India- Salient features of population census of 2001 and 2011 –Problems of migration and urbanization-Evolution of population policy in India-shift in policy focus from population control to family welfare to women empowerment.

Reference:

A.A. BHENDS AND T. KANITKAR.   PRINCIPLES OF POPULATION STUDIES.

PATHAK AND RAM.   TECHIQUES OF DEMOGRAPHIC ANALYSIS

K.SRINIVASAN.   BASIC DEMOGRAPHIC TECHNIQUE AND APPLICATION

JHINGHAN, M.L .   DEMOGRAPHY.

Question Pattern.

Section-A (10X2=20 Two question each from of the five units)

Section-B (5X5=25 either or type pattern's set question from each of five units)

Section-C (3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

STATISTICS FOR ECONOMICS

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CORE COURSE—VIII—STATISTICS FOR ECONOMICS

(From 2016-2017 onwards)

SUBJECT DESCRIPTION:

This course is designed to induce the basic principles and methods of quantitative And qualitative research for conducting the empirical research and Statistical Methods.

GOALS:

This course will emphasis on research process includes problem identification, Conceptualisation of research questions, sampling, design, measurement, data collection, Analysis and dissemination of findings with Economic Statistical Methods.

OBJECTIVES:

Upon completion of this course, students should have developed an understanding of The research process, its applications in the economic research and its utilisations in the Problem solving in economic research with Economic Statistical Methods.

CONTENTS:

UNIT—I   Nature and scope of Statistical Methods in Economics—Measures of central Tendency—Mean, Median and Mode—Measures of dispersion, Deviation, Standard deviation and coefficient of variation—Skewness—Karl pearson's And Bowley's coefficients.

UNIT—II   Introduction to probability—Addition and Multiplication rules—Random Variables and probability distribution—Properties of binomial, poison and normal— Sampling—simple random—stratified random and cluster sampling (THEORY ONLY)—Definition of Chi-Square, T and F Statistics—their use.

UNIT—III   Estimation—point estimation, interval estimates (CONCEPT ONLY)—Properties of Point estimator—Test of significance—Test for mean, difference between mean (SMALL AND LARGE SAMPLES) –Proportion, difference between (FOR LARGE SAMPLE ONLY) – f Test for the difference between two sample variance (NUMERICAL PROBLEMS ONLY)

UNIT—IV   Correlation—Karl Pearson's Coefficient of correlation—Rank Correlation, Spearman's coefficient of RANK CORRELATION—Regression—Fitting regression Line by the method of least squares—concepts (ONLY) of partial, multiple regression

UNIT—V   Association of attributes—Difference between correlation and association— Association and disassociation—Method of finding association, comparison Expected frequencies methods, proportion method, Yule's coefficient of association— Contingency tables (2x2) and (3x2) tables only – Coefficient of contingency Using chi-squares.

REFERENCES:

GUPTA, S.P.   -   Statistical Methods

NAGAR AND DAS, A.L.--   Basic Statistics.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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ELECTIVE COURSE—II—INDUSTRIAL ECONOMICS

(from 2016-2017 onwards)

Subject Description:

This paper deals with the basic concepts of productivity, various productivity measurements, Theory of Production of Functions and numerical measurement of elasticity.

Goals:

This course aims at providing an indepth knowledge on the need, significance, Measurement and use of various industrial productivity concepts. The scope also intends to develop skills to monitor and manage enterprises at optimal levels of industrial productivity.

Objectives:

To introduce to the students the various concepts of Productivity.

To enable the students to measure productivity numerically using mathematical and Econometric techniques.

To make students to draw inferences based on the numerical measurements.

Contents:

UNIT:I Introduction:- industrialization ,concept, problems, Government policy-Industry and economic development-industry and sect oral linkages-Industrial classification-Factor affecting industrialization and promoting industrialization.

UNIT:II Location and dispersion-Theories of location-Alfred Weber-Florence theories- Diversification-Integration and merger of industrial units and problems of regional imbalance.

UNIT: III Industrial development in India- Industrial structure at the time of independence, Industrial policy-New industrial policy and economic reforms.

UNIT:IV Industrial Labor: structure of industrial labor-industrial legislation-social security measures-wage and problems of Bonus.

UNIT:V Indian industry: Introduction, Types. Industry and Globalization –financial support-financial institution-Indian industry and economic development-Role of industry –MNC and their role.

Reference:

Bharathval -Industrial Economics: An introductory Text.
Desai -Industrial Economy of India.
Kuchal.S.C -The Industrial Economy of India.
Sivayya and V.B.M. Dass. The Industrial Economy.

Question Pattern.

Section-A (10X2=20 Two question each from of the five units)
Section-B (5X5=25 either or type pattern's set question from each of five units)
Section-C (3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE—IX—RESEARCH METHODOLOLY
(from 2016-2017 onwards)

SUBJECT DESCRIPTION

This course is designed to induce the basic principles and methods of quantitative and qualitative research for conducting the empirical research and writing research report.

GOALS:

This course will emphasis on research process includes problem identification, conceptualization of research questions, sampling design, measurement, data collection, analysis and dissemination of findings.

Objectives:

Upon completion of this course, students should have developed an understanding of the research process, its applications in the economic research and its utilizations in the problem solving in economic research.

Contents:

UNIT: I Scientific Method-Steps and Elements in Scientific Method-Science as a chain of interlinked process-Identification of Research problems – Concept- Hypothesis -Model building –Theory and Facts.

UNIT: II Research Design- Application of Scientific method to economic theorizing- Deduction and Induction methods.

UNIT: III Historical Method- Social survey Method-Case Study Method- Sampling- Random and Non Random Sampling- Stratified and cluster sampling.

UNIT: IV Measurement- Concept, Components and Accuracy of Measurement- Scaling Technique- Rating Attitude- Likert's summated scale- Validity and Reliability of scale.

UNIT: V Sources of Data- Secondary sources- National sample survey and Census- Internet sources- Primary Data- Observation and Interview Methods- Questionnaire, Schedule and other Method- Analysis and Interpretation of Data- Report writing- Use of Foot notes- Citations.
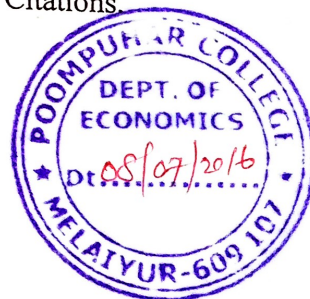
Reference:

URIEN. C.T.	A Guide to Research in Economics.
ODE AND HATT.	Method in Social Research
NACHALAM. K.S.	Research Methodology.
SH. B.N	Scientific Method and Social Research.
VERY and others.	Research Methodology.

estion Pattern.

tion-A (10X2=20) Two question each from of the five units

tion-B (05X5=25) Either or type pattern's set question from each of five units

tion-C (3X10= 30) Three question out of five questions; a question from each of the five units.

tion/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (estions)	1-2	3-4	5-6	7-8	9-10
tion-B (estions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
tion-C (estions)	16	17	18	19	20

CORE COURSE—X—INTERNATIONAL ECONOMICS

(from 2016-2017 onwards)

SUBJECT DESCRIPTION:

This paper deals with the basic concepts of productivity, various productivity and Measurements. Theory of Production of Functions and numerical measurement of elasticity.

GOALS:

This course aims at providing an in-depth knowledge on the need, significance, Measurement and use of various industrial productivity concepts. The scope also intends to develop Skills to monitor and manage enterprises at optimal levels of industrial productivity.
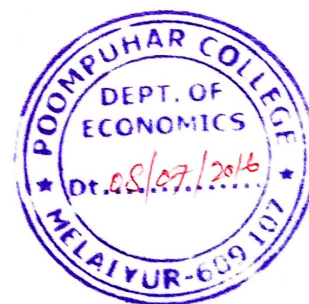
OBJECTIVES:

- To introduce to the students the various concepts of productivity.
- To enable the students to measure productivity numerically using mathematical and
- Econometric techniques.
- To make students to draw inferences based on the numerical measurements.

CONTENTS:

Unit—I Theories of International Trade—Adam Smith's Absolute cost Theory—Ricardian Comparative Cost Theory—Opportunity cost theory of Heberler—Hecksher-Ohlin theorem.

UNIT—II Balance of Payment: Balance of Trade and Balance of Payment—Disequilibrium In the balance of payments and adjustment mechanism.

UNIT—III Theory of Exchange: Foreign Exchange Market—Functions of Foreign exchange Market—Exchange Rates—Types of Exchange Rate.

UNIT—IV Determination of exchange rate—Purchasing power Parity Theory—Balance of Payments Theory—Exchange control—objective of Exchange control—Direct And indirect method of exchange control.

UNIT—V International Monetary and Trade Organisation: IMF – IBRD – Customs Union U NCTAD—WTO—New International Order—SAARC.

REFERENCES: - International Economics.
KINDLEBERGERR,C.P. - International Economics.
BO SODERSTON. - International Economics.
ELISSWORTH,P.T. - International Economics.
JHINGHAN, M.L - International Economics.
CHERUNILAM, F - International Economics.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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CORE COURSE—XI—COMPUTER APPLICATIONS IN ECONOMICS
(From 2016-2017 onwards)

Subject Descriptions:
This Subject is aimed at providing knowledge on basic computer application in Economics as well as operating systems, word processing and internet.

Goals: The course intends to equip students to develop working knowledge of basic Computer operations and tools. The course aims at using such skills to apply to economic theory, various computer application and managerial applications.

Objectives: To analysis in computer applications.
To understand computer programmers in economic oriented application.

Contents:

UNIT: I Introduction to computer, History, Generations and classification of computer-Advantages, Uses of computers-Hardware and software- CPU and its functions-functions and uses of input and output devices.

UNIT: II Operating Systems: Meaning, Functions and uses of operating systems-Types of operating systems-Fundamentals of MS-WORD - Creating a new folder copying files and moving folder- Renaming fields and folders- Deleting files folders are searching files and folders.

UNIT: III Word Processing: Introduction to MS-WORD –menus in MS-WORD: File menu-Edit menu-View menu-Format Menu- Auto correct inserting special characters- spelling and grammar checking –mail merging of documents.

UNIT: IV Power point preparation - add click- view –Inserting images -slideshow

UNIT: V Practical - Ms-Word - PowerPoint-Documentation typing-Edit-Print-Table preparation-Data preparation-Create Columns and rows - multiple tables – cut – copy - paste.

Reference:

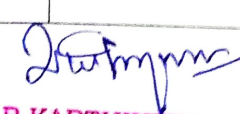|	
Sheshasaayee.A. and Sheshasaayee.	Computer Application in Business Management.
Wray,	Computer Course, BPB PUBLICATIONS.
Richard,	Internet Right from start. BPB PUBLICATIONS.

Question Pattern.
Section-A (10X2=20 Two question each from of the five units)
Section-B (5X5=25 either or type pattern's set question from each of five units)
Section-C (3X10= 30 Three question out of five questions; a question from each of the five units).

SSection/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE –XII—FUNDAMENTAL METHODS OF MATHEMATICAL ECONOMICS

(From 2016-2017 onwards)

Subject Description:

This course deals with the basic knowledge relating to set theory, relation and functions Derivations and their interpretation, Introduction to Linear algebra, Linear programming and Their applications in economics.

Goals:

The course intends to equip students to develop working knowledge of basic mathematical Operations and tools. The course aims at using such skills to apply to economic theory and Managerial decisions.

Objectives:

To impart various mathematical and statistical methods.
To apply quantitative techniques in managerial practices.

CONTENTS:

UNIT: i   Introduction-Types of constant-Types of variables-Types of function—
Graphic representation.

UNIT II   Economic Models-Model Construction-Economic and Econometric Model
Types of Model; Classical Model-National Income Model.

UNIT III   Economic Theory-Elasticity of demand-Utility Function-Production Function-
Cost Function-Revenue Function.

UNIT IV   Input-Output Analysis-Introduction-Features-Limitation of input output analysis.

UNIT V   Linear Programming-Introduction-Requirements-Advantages of Linear
Simplex Method-Programming-Application of linear programming in
Indian Economy-Limitation.

REFERENCES:

G.R. AGARWAL.	MATHEMATCAL ECOOMICS
E.T. DOWING	MATHEMATICAL METHODS FOR ECONOMICS & BUSINESS
P.R. VITAL	QUANTITATIVE TECHNIQUES.

Question Pattern

1. Section-A (10x2=20) Two question each from of the five units.
2. Section-B (5x5=25) Either or type pattern; a set question from each of five units.
3. Section-C (3x10=30) Three question out of five questions; a question from each of
The five units.

Section/Units	Unit – I	Unit – II	Unit – III	Unit – IV	Unit - V
Section - A	1-2	3-4	5-6	7-8	9-10
Section - B	11-a & b	12-a & b	13-a& b	14- a & b	15 – a & b
Section - C	16	17	18	19	20

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ELECTIVE COURSE—III—AGRICULTURAL ECONOMICS

(From 2016-2017 onwards)

Subject Description:
This course will enable the students to acquire advanced knowledge as to how agricultural practices facilitate the economic growth and development in developing nations.

Goals: This paper explains the economic principles applied in management of farm. It also helps them understand the Indian Economic background under which farm operates.

Objectives:
familiarize typical farm management decisions.
to provide strong knowledge base on Indian farm management system.
develop a critical study on principles of Farm Management marketing and agricultural trade.

Contents:

Unit: I Nature and scope of Agricultural Economics-Relations between Agricultural and Industry-Role of Agricultural in Economic Development-Return to scale and farm size-principles of choice and resources allocation-cost concept and cost minimizations-specialization-farm management technique.

UNIT: II Agricultural Finance and Agencies-Capital formation in agricultural-Magnitude and causes of rural indebtedness-Debt relif and regulations of money lending acts- Role of rural credit institutions Co operative and commercial bank- Refinance institutions.

UNIT: III. Land reforms-Nature and Significance of Land Reforms-Progress of Land Reforms is for in India-Suggestion for Improvement-Agriculture Planning and Agriculture Taxation in India.

UNIT: IV. Imperfect competition and Agriculture markets-Marketable surplus-Agriculture price policy-Procurement and public distribution-Subsidies component-Cobb-webb theorem.

UNIT: V. Agricultural labour-Causes and growth of agricultural labour under poor economic conditions-Problems of Unemployment and under employment-Government measures for assistance,

Reference:
C.B.Memoria,   Agricultural Problems of India.
Sadhu and Singh,   Fundamentals of Agricultural Economics.
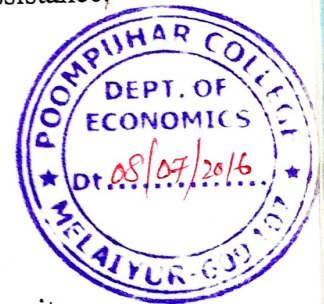(Detailed list of references will be provided by the respective course in-charge)

Question Pattern:
Section-A (10X2=20 Two question each from of the five units)
Section-B (5X5=25 either or type pattern's set question from each of five units)
Section-C (3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE—XIII—CAPITAL MARKET INVESTMENT
(From 2016-2017 onwards)

Subject Description:

This course is designed to induce the basic principles and structure of capital market in India. Students know the share Market and Mutual market. Shares and Debentures.

Goals: This course aims at providing an in depth knowledge on the need, significance, Measurement and use of various Capital Market sand industrial productivity concepts. The scope also intends to develop skills to monitor and manage of Capital market investment.

Objectives:

To acquire basic knowledge about the functions of Capital market.

To understand the shares and Debentures capital market development

To apply the principles marketing in scientific decision making process and problem solving in modern Capital Investment marketing management process.

Contents:

UNIT: I Capital market- Definition-structure-concepts-functions- growth of capital market in India.

UNIT: II Shares and Debentures-Equity shares-Preferences shares-Types of debentures-Merits and Demerits of investing in shares debentures-company deposits merits and demerits.

UNIT: III. Mutual funds- open ended and close ended mutual funds-Other types of mutual funds-Mutual fund institutions in India-Merits and demerits of investing in mutual funds.

UNIT: IV Types of share market-Primary and Secondary share market- Issues of shares at par and at premium-Right issues of shares- Bonus shares – Stock Exchange- Functions.

UNIT: V Stock Exchange-Function-SEBI-Function and powers-Role of SEBI in protecting investors interest in the market- Demat account (A brief not on demat account only)-underwriting-Merchant banks.
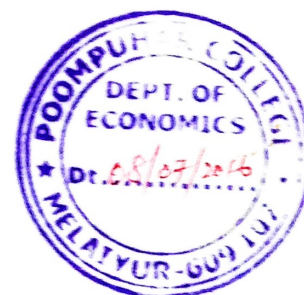
References:

KUCHAL .S.C.	FINANCIAL MANAGEMENT.
CHANDRU.	FINANCIAL MANAGEMENT.
PANDEY.	FINANCIAL MANAGHEMENT.
VARAMA AND AGARWAL.	CORPORATE FINANCE
KHAN AND JAIN	CORPORATE FINANCE.

Question Pattern.

Section-A (10X2)=20   two question each from of the five units
Section-B (05X5)=25   either or type pattern's set question from each of five units
Section-C (3X10)= 30   three questions out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE—XIV—ECONOMICS OF GROWTH AND DEVELOPMENT
(From 2016-2017 onwards)

Subject Description:
This course will enable the students to acquire advanced knowledge as to how policies facilitate the economic growth and development in advanced countries.

Goals:
This paper enables the students to understand important growth models and helps them to familiarize with factors that contribute to economic growth.

Objectives:
To familiarize economic theories and growth models.
To provide a strong knowledge base on India's economy both during pre and post refarm periods.
To develop a critical study on recent development in the Indian Economy in the context of the world economic scenario.

Contenta:

UNIT: I. Economic Development and growth-Concepts and measurement-Physical Quality of life index and Human development index-Characteristics of Developing countries-Economic and Non Economic Factors in economic development-Vicious circle of poverty.

UNIT: II. Theories of Economic Development- Historical Approach: Rostow's stages of economic growth-Simon Kuznetrs's Theory of modern economic growth- Nurkse's theory of disguised unemployment as a saving potential – Lewis theory of economic development with unlimited supplies of labour.

UNIT : III. Dualistic theories of development – Social dualism- Technological dualism and financial dualism- The dependency theory of underdevelopment-Myrdal's theory of circular causation.

UNIT: IV. Meaning, importance and problems of Human capital formation- Nelson's modal of low level equilibrium trap-The Big-Push theory-Doctrines of Balanced and unbalanced growth.

UNIT: V. Grand theories of economics growth: Adam Smith, David Ricardo and Karl Marx-Harrod-Domar's model-Joan Robison's model of capital accumulation.

Reference:
G.M.Meier and J.E.Ra   Leading Issues in Economic Development".
M.L.Jhinhan,   The Economics of Development and Planning", Latest Edition
V.K.Mishra and S.K.Puri,   Economics of Growth and Development", Latest Edition.
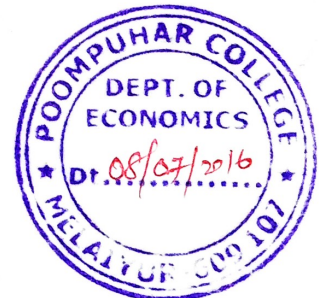World Development Reports, & Human Development Reports, various issues.

Question Pattern:
Section-A (10X2=20 Two question each from of the five units)
Section-B (5X5=25 either or type pattern's set question from each of five units)
Section-C (3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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CORE COURSE—XV—MANAGEMENT INFORMATION SYSTEM

(From 2016-2017 onwards)

Subject Description:

This subject aims at providing the basic knowledge on Business information and Data Base System. To enable students to gain knowledge on effectiveness and efficiency of information systems in business functions.

Goals:

To gain knowledge on information system activities and types of Database.

Objectives:

To provide skill on knowledge management.

To develop skills on internet, communication channels and communication network.

Contents:

Unit – I

Business Information Systems – Meaning and Evolution – Types - System Concepts – Components – Information System Activities.

Unit – II

Strategic Uses of Information Systems – Strategy and Strategic Moves – Achieving Competitive Advantages.

Unit – III

Information System in Business Function – Effectiveness and Efficiency – Manufacturing and Inventory Control – Enterprise and Resource Planning.

Unit –IV

Database Management – Foundation Data Concepts – Database Management Approach – Types of Database.

Unit – V

Data Warehouses – Data Mining – Databases on the Web-Knowledge Management – Internet, Communication Channels and Communication Networks.

References:

Sen – Management Information System

Lucas – Management Information System

O Brien James .A. – Management Information System.

Question Pattern:

Section-A (10X02=20 Two question each from of the five units)

Section-B (05X05=25   Either or type pattern's set question from each of five units)

Section-C (03X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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ELECTIVE COURSE—IV—ENVIRONMENTAL ECONOMICS
(From 2016-2017 onwards)

Subject Description: This course explores the fundamental theories of environmental economics, the environmental problems and policy measures.

Goals: This course is intended to introduce the basic environmental economics coverings theory and concepts, environmental problems, issues in environment protection, assessment of environmental damages, policy issues, government regulation and environmental protection in India.

Objectives: Students who complete this course will be able to apply economic theories in to the environmental problems to solve the social issues.

Contents:Unit : 1 Introduction-Concepts of Environment, ecology and eco-system-Difference between natural resource and environmental economics-Principle of fundamental balance-Trade-off between economic growth and environmental quality-Sustainable development.

Unit: 2. Environment as a public good-Market efficiency and perfect competition-Pareto optimality and Social welfare-Externalities-Market failure-Common property rights-Coase's Theorem.

Unit: 3. Environment degradation and ecological imbalances-Causes and types of environmental pollution-Air, Water, Soil and noise pollution-Industrial pollution-Deforestation and soil erosion-Pollution from agriculture-Irrigation and Environmental problems-Urbanisation, population growth and environment.

Unit: 4. Environmental Management of economics of pollution control-Cost-benefit analysis-Measurement of environment damages-Solution allowing property rights-Efficient tax-Subsidy-Permits-Direct controls-Voluntary movement-Moral Suasion-Government intervention.

Unit: 5. India's environmental problems-Environmental policies-Surface water problem and interlinking of rivers-Ground Water Exploitation and rain water harvesting-Environmental problems in Tamil Nadu-Tanneries, Textiles and harvesting and sago industries-Role of central and state pollution control boards in India.

Reference:

B.C.Field,   Environmental Economics-An Introduction.
J.Joseph and M.Taussing,   Environmental Economics.
Baumol and others,   Economics, Environmental policy and quality of life.
Sankaran.S.   Environmental Economics.

Question Pattern:

Section-A (10X2=20 Two question each from of the five units)
Section-B (5X5=25 either or type pattern's set question from each of five units)
Section-C (3X10= 30 Three question out of five questions; a question from each of the five units.

Section/Units	Units-I	Unit-II	Unit-III	Unit-IV	Unit-V
Section-A (Questions)	1-2	3-4	5-6	7-8	9-10
Section-B (Questions)	11-a&b	12-a&b	13-a&b	14-a&b	15-a&b
Section-C (Questions)	16	17	18	19	20

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