

Semester I
Major Core I: Micro Economics – I
Course Code: FC2011

Hours /Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to understand the basic concepts of Economics, market structure and distribution theories.
2. To know the functioning of the different market situations, price fixation so as to start a small firm and be self employed

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the basic concepts and definition of Economics	PSO - 1	U
CO- 2	discuss the utility functions and wants	PSO - 1	E
CO- 3	identify the economic functions inducing demand and supply	PSO - 1	Re
CO -4	analyse the functions of indifference curves	PSO - 1	An
CO- 5	explain the production functions including homogeneous, linear and Cobb Douglas production function	PSO - 1	U

Unit I: Basics of Micro Economics

Definitions – Main divisions of Economics – Pure or Applied science – Scope – Importance and Limitations – Distinction between Micro and Macro Economics – Basic concepts (demand, supply, utility, goods, standard of living, value, price, market)

Unit II: Consumption

Human wants – Characteristics and classification of human wants – Engel’s law of family expenditure – Law of Demand – Giffen’s Paradox - Law of diminishing marginal utility – Law of equi - marginal utility – Consumer’s surplus

Unit III: Elasticity of Demand and Elasticity of Supply

Elasticity of demand – Importance - Types – Factors determining elasticity of demand – Measurement of elasticity of demand: Total outlay, percentage, geometric method – Elasticity of supply – Meaning – Determinants of elasticity of supply.

Unit IV: Indifference Curve Analysis

Meaning – Assumption – Properties – Marginal Rate of Substitution – Price effect – Income effect – Substitution effect - Uses.

Unit V: Production

Meaning – Factors of production - Land, labour, capital, organization – Economies and diseconomies - Division of labour - Scale of production – Laws of Returns – Production function – Types of production function – Meaning – Iso quant and its properties – Iso cost curves.

Text Books

1. Devairakkam, S. (2001). *Micro Economics*, (4th ed.). Tirunelveli: D.S.RPublications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10th ed.)Mumbai: Himalaya PublishingHouse.

Reference Books

1. Jhingan,M.L.(2016).*MicroEconomics*,(8thReviseded.).NewDelhi: Vrinda Publications (P)Ltd.
2. Cauvery. (2012). *Micro Economic Theory*, (4th Revised ed.). New Delhi: S.Chand & Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7th ed.). Madras: MarghamPublications.
4. Seth,M.L.(2006).*MicroEconomics*.(22ndReviseded.).Agra:LakshmiNarainAgarwal EducationalPublishers.

Semester I
Allied I: Economic Statistics - I
Course Code: FA2011

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To enable students to understand the use of statistical tools.
2. To learn the application of statistical tools in different fields and find employment in statistical institutes and offices related to it.

Course Outcomes

CO No.	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	identify the functions of Statistics	PSO - 4	Ap
CO- 2	understand the organization of statistical survey	PSO - 4	U
CO -3	analyze the classification and presentation of data	PSO - 4	An
CO- 4	describe the types of averages	PSO - 4	U
CO -5	analyze the concepts of measures of dispersion	PSO - 4	An

Unit I: Statistics

Meaning - Horace Secrist's definition – Characteristics of statistics – Functions – Importance of Statistics – Limitations

Unit II: Organisation of Statistical Survey

Meaning of survey, Planning and design – Execution of survey - Collection of data – Primary and secondary data – Methods of collecting primary data – Sources of secondary data – Census and sampling - Methods of sampling.

Unit III: Classification and Presentation of Data

Meaning and objective of classification – Types of classification – Discrete and continuous frequency distribution – Tabulation of data – Parts of tables – Rules of tabulation – Types of tables.

Diagrammatic and graphic presentation of data – Rules for constructing diagrams and graphs (Theory only)

Unit IV: Measures of Central Tendency

Averages – Qualities of a good average – Types of averages – Arithmetic mean, Median, Mode, Geometric mean and Harmonic mean - Relative merits and demerits.

Unit V: Measures of Dispersion

Measures of dispersion – Qualities of a good measure of dispersion – Types of dispersion – Range, Quartile deviation – Mean deviation – Standard deviation.

Text Book

Pazhnai, K (2019). *Economic and Business Statistics*, (4th ed.). Sivakasi, Annai Nilayam.

Reference Books

1. Gupta, S.P. (2014). *Statistical Methods*. (43rd ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.C. (2015). *Fundamentals of Statistics*, (17th ed). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19th ed.). New Delhi: S. Chand & Company Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.

Semester I Add on Course
Semester I
Non-Major Elective (NME): General Economics – I
Course Code: FNM201

Hours / Week	Credits	Total Hours	Marks
2	2	60	100

Objectives

1. To enable the students to understand the basic concepts of Economics
2. To know the functions of demand supply and utility

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	identify the subject matter of Economics and types of goods	PSO - 1	Re
CO- 2	understand demand function	PSO - 1	U
CO- 3	understand Supply function	PSO - 1	U
CO -4	discuss marginal utility and the characteristics of human wants	PSO - 1	Cr
CO- 5	analyse the price determination under different market condition	PSO - 5	An

Unit I: Introduction

Definition – Subject matter of Economics – Types of goods

Unit II: Demand

Demand – Meaning of demand – Individual demand – Market demand – Meaning – Law of demand – Demand curve – Exceptions to the Law of Demand

Unit III: Supply

Meaning of supply – Individual supply – Market supply – Joint supply – Exception of supply curve

Unit IV: Utility

Meaning –Law of diminishing marginal utility – Human w a n t s - Characteristics

Unit V: Price Determination

Features of different markets (Monopoly, perfect competition, monopolistic competition, oligopoly) - Equilibrium of demand curve and supply curve

Text Book

H.L.Ahuja, (2000), Avanced Economic Theory, S. Chand & Co, New Delhi.

Reference Books

1. M.L.Seth (2017), (2nd ed) *Macro Economics*, Lakshimi Narain Agrawal,Agra.
2. Hejela T (1999), *Monetary Economics*, Sultan Chand Publications, NewDelhi.

Semester II
Major Core II: Micro Economics - II
Course Code: FC2021

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to understand the basic concepts of Economics, market structure and distribution theories.
2. To know the functioning of the different market situations, price fixation so as to start a small firm and be self employed

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the types of cost, revenue and their application in economic transactions.	PSO - 1	U
CO- 2	identify the market equilibrium under perfect competition and monopoly	PSO – 5	Ap
CO- 3	analyze the determination of price under monopolistic competitions, oligopoly and duopoly	PSO – 5	An
CO -4	understand the different aspects of rent, wage and the theories related to them.	PSO - 5	U
CO- 5	discuss the aspects of interest, profit and theories related to them	PSO - 5	Cr

Unit I: Cost and Revenue

Meaning of cost – Total cost, Fixed cost, Variable cost – Average cost and Marginal cost – Short run and Long run cost curves – Relationship between MC and AC Curves – Revenue – Meaning - Total revenue – Average revenue – Marginal revenue – Revenue curves – Relationship between MR and AR curve.

Unit II: Perfect Competition and Monopoly

Perfect competitions – Meaning and its features - Monopoly – Meaning - Features – Types, Causes - Discriminating monopoly – Price determination under Monopoly.

Unit III: Monopolistic Competition, Oligopoly and Duopoly

Monopolistic Competition – Meaning – features – price determination – Types of price discrimination – Oligopoly – kinked demand curve – Duopoly – Characteristics of Duopoly.

Unit IV: Theories of Rent and Wages

Rent and Quasi rent - Meaning - Ricardian theory of rent- Modern theory of rent - Quasi rent –Wages: Meaning, Types of wages, Theories of wages – Wage fund theory - Subsistence theory of wages –Marginal productivity theory of wages – Modern theory of wages

Unit V: Theories of Interest and Profit

Interest – Meaning and Types - Theories of Interest - Loanable fund theory - Liquidity preference theory. Profit: Meaning - Types – Theories of profit: Risk bearing theory – Uncertainty bearing theory – Dynamic theory – Innovation theory.

Text Books

1. Devairakkam, S. (2001). *Micro Economics*, (4th ed.). Tirunelveli: D.S.R Publications.
2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10th ed.) Mumbai: Himalaya Publishing House.

Reference Books

1. Jhingan, M.L. (2016). *Micro Economics*, (8th Revised ed.). New Delhi: Vrinda Publications (P) Ltd.
2. Cauvery. (2012). *Micro Economic Theory*, (4th Revised ed.). New Delhi: S.Chand & Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7th ed.). Madras: Margham Publications.
4. Seth, M.L. (2006). *Micro Economics*. (22nd Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.

Semester II
Allied II: Economic Statistics – II
Course Code: FA2021

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To enable students to understand the use of statistical tools.
2. To learn the application of statistical tools in different fields and find employment in statistical institutes and offices related to it.

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	identify the significance and methods of calculating correlation	PSO – 4	Ap
CO- 2	analyze the functions of regression	PSO – 4	An
CO- 3	identify the functions and methods of time series analysis	PSO – 4	Ap
CO -4	assess the practical application of Index numbers	PSO – 4	U
CO- 5	describe the theories of probability	PSO – 4	U

Unit I: Correlation

**Meaning – Significance – Types – Methods of calculating correlation:
Graphical Methods – Karl Pearson’s Coefficient – Rank Correlation.**

Unit II: Regression

**Meaning – Uses of regression – Regression equation – Regression lines –
Fitting a regression line (Least Square Method) – Differences between Correlation
and Regression.**

Unit III: Time Series Analysis

**Meaning - Utility of time series analysis – Components of Time series -
Measurement of Trend and Seasonal variations.**

Unit IV: Index Numbers

**Meaning – Uses – Types (Price, Quantity and value) – Difficulties in the
construction of Index numbers – Methods of calculating index number.**

Unit V: Probability

**Meaning – Theory of Probability – Random experiments and events –
Theorems of probability – Addition theorem – Multiplication Theorem (Simple
Problems)**

Text Book

Pazhnai, K (2019). *Economic and Business Statistics*, (4th ed.). Sivakasi, Annai Nilayam.

Reference Books

1. Gupta, S.P. (2014). *Statistical Methods*. (43rd ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.C. (2015). *Fundamentals of Statistics*, (17th ed). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19th ed.). New Delhi: S. Chand & Comp Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.

Semester II
Non-Major Elective (NME): General Economics -II
Course Code: FNM202

Hours / Week	Credits	Total Hours	Marks
2	2	60	100

Objectives

1. To enable the students to understand the concepts of Economics
2. To know the functions of money and the problems of Indian Economy

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	understand the concepts of Macro Economics and National Income	PSO - 3	U
CO- 2	identify the objectives and instruments of monetary policy	PSO - 3	Re
CO- 3	explain the exchange rate and international organizations	PSO - 2	An
CO -4	discuss the subject matter of public finance	PSO - 3	Cr
CO- 5	analyse the problems of Indian Economy	PSO - 3	An

Unit I: Macro Economics

Meaning – Basic concepts in Macro economics – National income – Concepts

Unit II: Money and Banking

Evolution of money – Types of money – Functions of money – Monetary policy – RBI –

Objectives – Instruments

Unit III: International Economics

Meaning – Balance of payment – Exchange Rate – Fixed and floating exchange rate – IMF – IBRD – GATT – WTO

Unit IV: Public Finance

Meaning and subject matter of public finance – Public revenue – Public expenditure – Public debt - Budget

Unit V: Indian Economy

Nature of Indian Economy – Sectors of Indian Economy – Problems of Indian Economy – Population – Unemployment – Poverty and income inequality

Text Book

H.L.Ahuja, (2017), (21st ed) *Advanced Economic Theory*, S. Chand & Co, New Delhi.

Reference Books

1. M.L.Seth (2017), (2nd ed) *Macro Economics*, Lakshimi Narain Agrawal, Agra.
2. Hejela T (1999), *Monetary Economics*, Sultan Chand Publications, New Delhi.

Semester III
Major Core III: Macro Economics -I Course
Code: FC2031

Hours/ Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to understand Macro Economic concepts, theories and policies.
2. To understand the different components of national income, to know the profitable channels of investment and thereby find avenues of employment.
- 3.

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO - 1	understand the meaning, types and importance of Macro Economics	PSO - 1	U
CO - 2	explain the concepts and law of consumption	PSO - 1	An
CO - 3	understand the various concepts of National Income	PSO - 7	U
CO - 4	identify the problems of measuring National Income	PSO - 1	Re
CO - 5	appraise the various methods of measuring National Income	PSO - 7	Ev
CO - 6	analyze the theories of employment	PSO - 9	An
CO - 7	identify the features and working of Multiplier and Accelerator	PSO - 2	Re

Unit I: Introduction to Macro Economics

Meaning of Macro Economics – Macro statics - Macro Dynamics – Comparative statics – Stock and flow concept – Importance and Limitations of Macro Economic analysis

Unit II: National Income

Meaning and Definition – Concepts – Gross Value Added – Meaning - Circular flow of income (Two sector model) – Methods of measuring National income –Difficulties involved in measuring National Income – Problem of double counting – Green GDP – scope – accounting –advantages.

Unit III: Theory of Employment

Meaning of full employment – Types of unemployment – Classical theory of output and employment. Say’s law of Markets — Pigou’s view on involuntary unemployment; - Keynesian concept of effective demand – Aggregate supply function and Aggregate demand function – ex- ante saving and ex-ante investment – Comparison of classical and Keynesian theory.

Unit IV: Consumption Function

Consumption and income – Significance of consumption - Average and marginal propensity to consume and relationship between the two – Factors determining consumption function - Keynes' psychological law of consumption – Importance of consumption function.

Unit V: Multiplier and Accelerator

Multiplier – Meaning – Assumptions – Working of multiplier – Leakages - Importance - Limitations – Accelerator principle – Meaning – Assumptions – Operation – Limitations – A note on foreign trade multiplier.

Text Book

Maria John Kennedy, M. (2011). *Macro Economic Theory*. New Delhi: PHI Learning Private Ltd.

Reference Books

1. Jhingan, M.L. (2012). *Macro Economic Theory*. New Delhi: Vrinda Publications.
2. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8th ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4th ed.). New Delhi: Oxford & IBH publishing Co.
4. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
5. Seth M.L. (1983). *Macro Economics*. (13th ed.). Lakshmi Narain Agarwal Educational Publishers.

Semester – III
Elective I: (a) Monetary Economics
Course Code: FC2032

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

Objectives:

1. To understand the importance of money, evolutions and its functioning mechanism.
2. To enrich the knowledge on functioning of money and capital markets

Course Outcomes

Co. No	Upon completion of this course the students will be able to :	PSO addressed	CL
CO - 1	analyze the causes and effects of Inflation on different income group/classes of people in daily life	PSO – 1	An
CO -2	distinguish between the monetary and non-monetary factorscausing trade cycles in the economy	PSO – 7	An
CO – 3	identify the meaning, types, functions and theories of money	PSO – 1	U
CO – 4	illustrate the functions of money its demand and supply	PSO – 1	Ap
CO - 5	understand the meaning and functions of a bank, the structure, problems of Indian money market and concepts related to banking	PSO - 5	U
CO -6	demonstrate e-banking facilities, advantages and disadvantages	PSO – 5	Ap

Unit – I: Evaluation of Money and Monetary Standards

Barter system – Evolution of Money – Definitons of money – Classification of Money – Functions of Money – Significance and Defects of Money – Gold Standard: Types – Causes for the breakdown of Gold Standard – Gresham’s Law – Paper Currency Standard – Systems of Note Issue.

Unit – II: Demand for and Supply of Money

Demand for Money: Quantitative Theory of Money – Fisher’s Transaction Version – Cambridge Version – Friedman’s Theory of Demand for Money.

Supply of Money: Meaning – Classification – Determinants of Money Supply – Measures of Money supply in India – Recent Trends.

Unit – III: Money Market and Capital Market

Money Market: Meaning – Features of Indian money market – Functions – Defects – Capital Market: Meaning – Features – Components and functions of Indian Capital market - Difference between Capital market and Money market – Defects

Stock Exchange Market: Meaning – Concepts of Securities, Shares, Bonds, National Stock Exchange Market – Sensex – Nifty (Non Banking Financial Institutions)

Unit – IV: Banking

Meaning and functions – Role and functions of Commercial Bank in India – Commercial Banks and Multiple credit creation, Commercial Bank's role after nationalization – Recent trends in Banking – Balance Sheet – RBI's role in Economic Development- Narasimhan Committee report – Raguram Rajan Report – NPA's Indian Banking

Unit – V: Monetary Policy

Meaning – Objectives – Instruments of monetary policy in Developing Economics- Limitations of Monetary policy – Introduction to New Agreements – Note on MPC

Text Book

Cauvery, (2003). *Monetary Economics*, New Delhi: S.Chand Publishers.

Reference books

1. Jhingan, M.L. (2006). *Money, Banking and International Trade*, New Delhi: Vrinda Publications (p)Ltd,
2. Sundaram, K.P.M. (2000). *Money, Banking and International trade*, New Delhi: Sulthan Chand & Sons.
3. Suraj B Guptha, (2006). *Monetary Economics Institutions Theory and Policy*, New Delhi: S. Chand & CompanyLtd.
4. S.Sankaran,(2013)*MonetaryEconomics*,Chennai:MarghamPublications.
5. Devairakkam, S. (2001). *Monetar Economics*.D.S.R.Publications.

Semester – III
Elective I: (b) Development Economics
Course Code: FC2034

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To enable the conceptual to economic development framework
2. To enrich the knowledge of growth and development theories

Course Outcomes

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	explain the concepts of growth and development	PSO -1	An
CO- 2	Identify the theories of economic growth	PSO - 4	U
CO- 3	illustrate the strategies of growth	PSO - 4	Ap
CO -4	identify the achievements of planning	PSO - 1	Re
CO- 5	Analyse the obstacle role of development	PSO - 4	An

Unit – I Development: Concept and Approaches

Meaning of Development - Meaning of under development – Meaning of Growth –
 Characteristics of Less Development and development – Obstacles to Economic Development –
 Role of capital formation in Economic Growth

Unit – II Classic Theory

Theory of Adam Smith – Theory of Ricardo and the Theory of Malthus

Unit – III Theories of Growth and Growth Strategies

Big Push – Balanced growth approach of Ragnar Nurkse – Unbalanced Growth approach
 – W.W.Rostow’s growth theory – Lewi’s Growth Model.

Unit – IV Indian Growth Strategies

Gandhian Growth Strategy – Nehru’s Growth strategy – Mahalanobi’s Two sector model
 – Manmohan’s growth strategies.

Unit – V Indian Experience

Objectives and achievements of First Plan – Second Plan – Plan Holidays – 12th Plan -
 NITI AAYOG: Overview – Constitution – Functions – Role – Goals.

Text Book:

1. UmaKapila(2017),IndianEconomysinceIndependence,AcademicFoundation,New Delhi.
2. MisraS.KandPuriV.K(2015),EconomicsofDevelopment andPlanning,Himalaya Publishing House, NewDelhi.

Reference Books

1. A.PThirlwall,(2011),EconomicsofDevelopmentTheoryandEvidence,Palgrave Macmillan, London.
2. TanejaM.LandMyerR.M(2011),EconomicsofDevelopmentandPlanning,Vishal Publishing Co. NewDelhi.
3. GauravDattandAshwaaniMahajan(2017),Dutt&SundharamIndinanEconomyS. Chand & Company Ltd. NewDelhi.
4. UmaKapila(2014),IndianEconomyPerformanceandPolicy,AcademicFoundation, NewDelhi.
5. JinganM.L(2014),TheEconomicsofDevelopment andPlanning,VrindaPublicationsP Ltd., NewDelhi.

Semester – III
Elective I: (c) Political Economy
Course Code: FC2034

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To understand the conceptual framework of Political Economy
2. To enable the students to earn globalization and Political Economy

Course Outcomes

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	able to explore changes in the organization of production, labour market institutions and corporate structure.	PSO - 8	U
CO- 2	understand the consequence of globalization, especially of financial flows, for the role of the state, economic performance, environment, human welfare and development	PSO - 4	U
CO- 3	identify how global capitalism has its strong role in changing the political economy of developing economies	PSO - 5	Re
CO -4	able to understand the political background of the role of state on framing and implementing Economic Policies	PSO - 7	U
CO- 5	able to grasp the influence of globalization on Indian Political Economy	PSO - 7	Re

Unit – I Introduction of Capitalism

Understanding Political Economy – Perspective on political economy with a historical overview – Capitalist development in the pre-second world period, the golden age’ and later

Unit – II Dynamics of Capitalism

Changing Dynamics of Capitalist Production – Organizational Form and Labour Process
 Fordist and Post – Fordist production – Changing dynamics of organization of production –
 Markets and labour process: the changing nature of job security and labour rights (before and
 after globalization)

Unit – III Globalisation, State and Economy

The state in the Era of Globalisation: Welfare, Development and Autonomy –
 Globalisation and the limits of the welfare state, development and state autonomy –
 Accumulation and globalization; issues in environment and sustainability; alternative ahead.

Unit – IV Role of Globalisation and Finance

The changing role of finance in capital accumulation a corporate structure; finance and
 globalization – Financialisation, financial liberalization and financial crisis.

Unit – V Globalization and Indian Political Economy

The Social Dimension of Globalization and uneven development – Growth, inequality and exclusion, changing nature of political economy of India under the influence of Global Capitalism.

Reference Books

1. Michel Beaud, (2010), A History of Capitalism, by Tom Dickman and Anny Leebvre, Monthly Review Press, New York.
2. J. Schumpeter, (1976), Capitalism, Socialism and Democracy, George Allen and Unwin, Chapters 6, 7 and 8.
3. Narasmha Reddy. (2003), Economic Globalisation, Past and Present – The Challenges to Labour in Jomo K.S & Khoo Khay Jin (ed.) Globalisation and its Discontents, Revisited, Sepsis – Tulika Books.
4. David Harvey, (2006), A Brief History of Neoliberalism, OUP, 2005. 8. Andrew Glyn, - Challenges to capital in capitalism Unleashed: Finance, Globalisation and Welfare, Oxford; Oxford University Press
5. Gary Dymisky, (2005), Financial Globalisation, Social Exclusion and Financial Crisis, International Review of Applied Economics, Vol.19: 439 – 457.

Semester III
Allied III: Mathematical Methods –I Course Code:
FA2031

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To enable the students to understand the application of Mathematics in Economics.
2. To enrich the knowledge of logarithm, set theory and derivatives to solve the problem skillfully and find employment.

Course Outcomes

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO- 1	explain the elementary concepts of Mathematical Methods	PSO - 3	U
CO- 2	apply the various functions in Economics	PSO - 1	Ap
CO- 3	analyze the rules of logarithms	PSO - 6	An
CO -4	explain the uses of equations in Economics	PSO - 3	An
CO- 5	apply the equations in estimating cost, price, output and profit	PSO - 3	An
CO -6	analyze the operations of Set	PSO - 6	Ap

Unit I: Basic Mathematical Concepts

Simple fractions with common and decimal fractions – Placing a decimal point – short – cut computation – Algebraic symbolism – Operations with zero and one – Ratios and percentage.

Unit II: Simple Functions

Simple functions and its types – Linear and Non-Linear – Graph and its application in Economics

Unit III: Logarithms

Definition – and formula (product, Quotient, Exponents - proof not needed) Calculations using tables – Permutation and Combination - Binomial expansions.

Unit IV: Solving Equations

Finding solutions of linear equations, simultaneous equations in three variables and Quadratic equations – uses of equation in Economics.

Unit V: Set Theory

Definition and types of sets – Operations on set – Difference of two sets – Venn diagram – Demorgan's law.

Text Books

1. Bose,D.(2007).*AnIntroductiontoMathematicalEconomics*,Bombay:Himalaya PublicationHouse.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: JothiPublication.

Reference Books

1. Allen,R.G.D.(1999).*MathematicalAnalysisforEconomics*,London:MacMillanPublishers.
2. Mongia,G.S.(2003).*MathematicsandStatisticsforEconomics*, NewDelhi:VikasPublishers.
3. Agarwal,D.R.(2003).*MathematicsforEconomists*,NewDelhi:VrindhaPublication.
4. MehtaB.C.andMadnani,(1999).*MathematicsforEconomics*,NewDelhi:ChandPublication.
5. PazhaniandCyrilKanmony,(2003).*MathematicalMethods*,Nagercoil:J.R.Publishers.

Semester III & IV
Foundation Course II - Personality Development
Course Code: FCV202

Hours / Week	Credit	Total Hours	Marks
1	1	30	100

Objectives

1. To practice personal and professional responsibility.
2. To develop and nurture a deep understanding of personal motivation.

Course Outcome

CO No.	<i>Upon completion of this course, the students will be able to:</i>	PSO Addressed	Cognitive Level
CO-1	identify various dimensions and importance of effective personality	PSO-	A
CO-2	apply the models of positive thinking in real life situations	PSO-	A
CO-3	To overcome shyness and loneliness and cope up with the society.	PSO-	Y

Unit I

Personality – Factors influencing personality – Theories on personality – Types of personality. Self acceptance – self-awareness–self-concept – elements - self-esteem – types of self-esteem – impact of self-esteem – importance – low self-esteem.

Unit II

Self-actualization– characteristics – Positive thinking – The profile of a positive thinker – Positive attitude – Models of positive thinking. Worry – Why to worry – ways to overcome – ways to turn negative thinking into positive.

Unit III

Motivation – Sources of motivation – Types of motivation – Factors determining motivation – characteristics of motivation. Goalsetting–Types of goals–waystoachievegoals.Decision making –Steps for decision making.

Unit IV

Time Management – Definition – Controversies regarding time management – importance – Ways to manage time – controlling interruption – Leisure. Leadership and team building – types – qualities of a good leader – group formation – types- responsibilities of group members – instructions to form groups. Communication – classification – verbal and non verbal – rules – hindrance to communication.

Unit V

Process of coping or adjustments – coping – mal adjustment – frustration – types – techniques to overcome frustration. Mental stress – types – mechanism of coping – positive and negative mechanism –steps for adjustment in life – coping with shyness – loneliness – techniques to overcome shyness andloneliness.

Textbook

AazhumaiVazhampera– Dr. Sr. Mary Jhonsy, Dr. M. Mary Helen Stella and Dr.AnithaMalbi

Reference books

1. Personality Development (1999). Selvaraj, Palayamkottai Community College, V.M. Chattram, Tirunelveli.
2. Resource book for Value Education (2002). Mani Jacob, Institute of Value Education, New Delhi
3. You can win (1998). Shiv Kheera, published by Rajive Beri, Macmillan India Ltd, New Delhi.
4. The seven habits of highly effective people (1990). Covey Stephen, R. Simon and Schuster, New York.
5. Change or be changed (2008). Dr. Xavier Alphonse, S. published by ICRDCE, Chennai.

Semester IV
Major Core IV: Macro Economics – II
Course Code: FC2041

Hours/ Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to understand Macro Economic concepts, theories and policies.
2. To understand the different components of national income, to know the profitable channels of investment and thereby find avenues of employment.

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	explain concepts and theories of investment	PSO – 1	U
CO- 2	understand the theories of distribution	PSO – 7	U
CO- 3	identify the features and theories of interest rate determination	PSO - 7	Re
CO -4	appraise the objectives of macroeconomic policy, features of full employment, price stability and balance of payments	PSO – 9	Ev
CO- 5	review the features of supply side economics	PSO - 9	Cr

Unit I: The Investment Function

Meaning of Capital and Investment - Types of investment – Determinants of Investment: Marginal Efficiency of Capital, Marginal Efficiency of Investment - Factors affecting Marginal Efficiency of Capital – Relation between Marginal Efficiency of Capital and Marginal Efficiency of Investment.

Unit II: Rate of Interest

Interest rate – Theories of interest rate determination – Transitivity theory – Liquidity preference Theory – Modern Theory – Terms and structure of interest rate – Long period and short period rate – Administered interest rate

Unit III: Macro Theories of Distribution

Distribution – Personal vs functional, Micro, Macro distribution – Ricardian Theory of Distribution – Marxian Theory of Distribution – Kaldor’s Theory of Distribution.

Unit IV: Macro Economic Policy

Objectives of Macro Economic policy – Conflicts or Trade-off in policy objectives : Full employment and economic growth, Economic Growth and price stability, Full employment and price stability, Full employment and balance of payments, Price stability and Balance of payments.

Unit V: Supply side Economics

Supply side Economics – Meaning - Main features – Tax induced change in Aggregate Supply – increasing growth rate - Policy prescription – Laffer curve - Limitations.

Text Book

Maria John Kennedy, M. (2011). *Macro Economic Theory*, New Delhi: PHI Learning Private Ltd.

Reference Books

1. Jhingan, M.L. (2012). *Macro Economic Theory*, New Delhi: Vrinda Publications.
2. Rana, K.C. & Varma K.N. (2007). *Macro Economics Analysis*. (8th ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4th ed.). New Delhi: Oxford & IBH publishing Co.
4. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
5. Seth M.L. (1983). *Macro Economics*. (13th ed.). Lakshmi Narain Agarwal educational Publishers.

Semester – IV
Elective II: a) Entrepreneurial Development
Course Code: FC2042

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

Objectives:

1. To enrich the students to know about the need, supporting facilities, obstacles for entrepreneurship, importance of entrepreneurship and types of industrial ventures.
2. To provide exposure to the students to the entrepreneurial culture and industrial growth so as to prepare them to setup and manage their own small units.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Define the interrelationship, the types and character of entrepreneurs	PSO – 1	Re
CO -2	Illustrate the motivational theories, business ideas and production function	PSO – 8	Ap
CO – 3	Apply the techniques and principles to Small Scale Industry for developing the economy	PSO –8 PSO -2	Ap
CO – 4	List the Institutions for entrepreneurial Development	PSO – 8	R
CO – 5	Analyze the project ideas and formulation evaluation	PSO – 6	An

Unit - 1 Concepts of Entrepreneurship

Concept of Entrepreneur - Characters of an Entrepreneur - Distinction between Entrepreneur & Manager - Function & Types of Entrepreneur - Concept of Entrepreneurship - Role of Entrepreneurs in Economic Development, Women Entrepreneurial Ship - Function, Problems and recent trends – Social Entrepreneurship

Unit - II Entrepreneurial Growth

Economic and non-economic factors- role of Government - Entrepreneurial Motivation - Theories-Factors-Entrepreneurial Development - Need, Objectives, Phases and Evaluation

Unit-III Projects & Entrepreneur

Meaning - Identification- Selection - Project Formation - Significance - Contents of a Project Proposal - Formulation – Nidhi Yoyak Guidelines.

Unit - IV Project Appraisal and Finance

Concept - Methods of Appraisal - Need for Financial Planning - Sources of Finance-Capital Structure - Capitalisation - Venture Capital - Export Finance.

Unit-V Institutional Finance to Entrepreneur

Commercial Bank, Industrial - Development of India (IDBI) , Industrial Finance corporation of India (IFCI), Industrial Credit & Investment, Corporation of India (ICICI) Unit Trust of India (UTI), State Financial Corporation (SECs), State Industrial Development Corporation (SIDCO), Exam Bank of India – Institutional Support to Entrepreneur – National Small Industries Corporation Ltd, (NSIC) – Small Industries Development Organization (SIDO)- Small Scale Industries Board (SSIB)-State Small Industries Development Corporations (SSICS),- Small Industries Service Institutes (SISI)- District Industries Centre (DICs).

Reference Books

1. Vasant Dosai, (2008), Dynamics of Entrepreneurial Development, and Management, New Delhi , Himalaya Publishing House.
2. Robert D. Hisrich, Micheal P, peters and Dean A. Shepherd , (2007), Entrepreneurship, New Delhi, Tata McGrawHill.
3. Poornima M, Charantimath, (2007), Entrepreneurship Development and Small Business Enterprises , New Delhi, Pearsam Education.
4. Khanka, S.S (2007), Entrepreneurial Development, s. New Delhi, Chand & Company.

Semester – IV
Elective II: b) Marketing Management
Course Code: FC2043

Hours/Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To understand of conceptual framework of marketing.
2. To know the various media of advertisement to increase the sales proceeds.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understand the definition, goals and types of Marketing	PSO – 1	U
CO -2	identify the need, nature and importance of Marketing Management	PSO – 1	Re
CO – 3	explain the product and its pricing strategies	PSO –2	An
CO – 4	analyse the benefits of advertising and its qualities	PSO – 8	An
CO – 5	appraise the aspects of marketing in the world	PSO – 7	Ev

UNIT – I- Conceptualization of Marketing Management

Definition, Goal or Objectives, Scope, functions, Types of Markets, Marketing Concepts - New concept of Marketing: Relationship concept, mass Marketing, Niche Marketing, Strategic Marketing – Marketing Management: Responsibilities, Marketing Plan, Marketing Mix – Marketing Organization: Forms of Marketing Organization, Responsibilities of Marketing Manager.

UNIT - II -Marketing Environment and Buyer Behavior

Marketing environment: Need, Nature, importance of marketing environment – Marketing management and its environment – market segmentation: Criteria for market segmentation, advantages, benefits, bases for market segmentation. Buyer behaviour: Determinants of Buyer behavior, Social and cultural influences on Buyers behaviour, Consumer buying process, Psychological buying process, Stages of buying process.

UNIT - III -Product and Pricing Decisions

Concept of a product; classification of product; product life cycle, product innovation, product market strategy, new product strategy development, branding, packaging and labelling – Product Warranty, Service facilities – Price: Importance of pricing, pricing objectives, Multistage price determination process, pricing policies and strategies, Discounts and allowances.

UNIT – IV- Advertising

Advertising: Definition – features – objectives - benefits-goals and models-functions-advantages - types - kinds - Advertisement copy - qualities- elements - classification - causes of failure of advertising – Advertising media: meaning- factors – kinds – advertising budget .

UNIT-V -Emerging Markets in the World

Social aspects of marketing: social responsibility, social marketing function - Rural marketing: problems in rural marketing – International marketing – Direct marketing : methods – advantages of marketing methods – online marketing – Recent trend in marketing : Relationship marketing - word of mouth marketing – test marketing.

Reference Books:

1. Marketing Management, SherlekarS.A, Himalya Publication, NewDelhi,2000.
2. Modern Marketing Principles and Practices, R.S.N. Pillai and Bagavathi S. Chand& Company ltd, New Delhi,2010.
3. Principles of Marketing, Philip Kotler, Prentice Hall of India Private Limited, New Delhi ,2008.
4. Marketing, RajanNairN, SultanChand&Publishers, NewDelhi,1987.
5. Marketing Management, N.C. JainSakshiJain,AitbsPublishers,2004.

Semester – IV
Elective II: c) Human Resource Management
Course Code: FC2044

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To enable the students to learn the principles and practices of developing human resources.
2. To enable the students to acquire skills needed for career.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the definition, concepts and the role of Human Resource Management in India	PSO – 1	U
CO -2	explain the concepts of Human Resource Planning and the levelsof Human Resource Management	PSO – 1	An
CO – 3	Appraise the methods of recruitment and screening	PSO –2	Ev
CO – 4	anlayse the administration of discipline and industrial relation	PSO – 8	An
CO – 5	identify the problem of Trade Union and perspective	PSO – 7	Re
CO – 6	Identify the measures of social security and employee benefits	PSO –7	Re

UNIT - I -Introduction

Introduction to Human Resource Management – Definition - Objectives and function of HRM – Evolution- Image and qualities -Role and organizations and changing technologies - Their implications for HRM - An overview of concept and philosophy of HRD - HRM in India.

UNIT - II -Human Resource Planning

Human Resource Planning – Concept, Objectives – Need and importance – Process and analyzing Organizational plan & Manpower forecasting – Quantitative and Qualitative aspects, Levels of HRP – National, Sectoral, Industrial and unit level problems of HRP.

UNIT - III -Recruitment, Screening and Selection

- a. Recruitment –objectives, Planning Internal and External influences, jobs, specification & Description –Sources.
- b. Screening: Process – Elimination of ineligible applicants – Application blanks – Preliminary testing – Screening interviews.

UNIT – IV- Administration and Strategic Human Resource Management

Administration of discipline, industrial relations role of employee unions and government in industrial relations, current trends in Industrial relations - Trade unions - Historical perspective and problems of Trade Union Movement in India.

UNIT - V -Social Security and Employee Benefits

Introduction and Types – Social Security in India – Workman’s Compensation Act – ESI Act – Maternity Benefits Act – Employees Provident Funds and Miscellaneous Provisions Act – Group Life Insurance.

Reference Books:

1. Human Resource Management, L.M. Prasad, Sultan Chand & Sons, New Delhi, 2001
2. Human resources and personal Management, Aswathappa, Tata McGraw .Hill Publishing Co Ltd, New Delhi, 2005.
3. Human Resource Management, Dr.TN.Chhabra, Gagan Kapur for Dhanpatrai & Co(p)Ltd, New Delhi, 2005.
4. Human Resource Management, Dr.C.B.Gupta, Sultan Chand & Sons, New Delhi 1996

Semester IV
Allied IV: Mathematical Economics –II
Course Code: FA2041

Hours/ Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To enable the students to understand the application of Mathematics in Economics.
2. To enrich the knowledge of logarithm, set theory and derivatives to solve the problem skillfully and find employment

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	apply straight lines in analysing breakeven point	PSO - 3	U
CO- 2	apply the concepts of calculus and matrix in economic functions	PSO – 3	Ap
CO- 3	analyze the formulas of partial derivatives in mathematical methods	PSO – 6	An
CO -4	calculate the output, profit and cost function	PSO – 6	An
CO- 5	describe the rules of derivatives and economic functions	PSO – 3	U

Unit I: Equation of a Straight Line

Definition and forms of straight line - Intersecting point of two Straight lines – Parallel lines and Perpendicular lines- Concurrent lines - Application of Straight lines in Economics (Determination of Equilibrium price and output)

Unit II: Derivative and its Applications

Derivatives- Definition-Rules of Derivatives (Power, Sum, Difference, Product, Quotient, Log and exponent rules) - Higher order derivatives- Maxima and Minima- Application of derivatives (Revenue, Cost and Profit)

Unit III: Partial Derivatives

Partial Derivatives in two variables – Higher order partial derivatives - Application of partial derivative- Marginal concept relating to Utility, Cost and Revenue (only simple problems).

Unit IV: Integral Calculus

Meaning-Basic rules of Integration-Calculation of total functions from marginal functions-Definite Integration-Application of integral calculus in Economics (cost functions, revenue functions, consumer's surplus and producer's surplus)

Unit V: Matrices

Definition – Types –Operations of Matrices –Inverse of a matrix – Solving linear equations using Cramer's Rule and inverse method

Text Books

1. Bose,D.(2007).*AnIntroductiontoMathematicalEconomics*,Bombay:Himalaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: JothiPublication.

Reference Books

1. Allen,R.G.D.(1999).*MathematicalAnalysisforEconomics*,London:MacMillan Publishers.
2. Mongia,G.S.(2003).*MathematicsandStatisticsforEconomics*,NewDelhi:Vikas publishers.
3. Agarwal,D.R.(2003).*MathematicsforEconomists*,NewDelhi:VrindhaPublication.
4. MehtaB.C.andMadnani,(1999).*MathematicsforEconomics*,NewDelhi:Chand Publication.
5. Pazhani and Cyril Kanmony, (2003). *Mathematical Methods*, Nagercoil: J. R.Publishers

Semester: V
Major Core V: Indian Economy – I
Course Code: FC2051

Hours / week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. to acquaint students with the significance of agriculture in India; and
2. to highlight the problems of the agricultural sector and to evaluate the remedies offered to solve them

Course Outcome

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
CO1	to identify the resource profile of Indian Economy	PO - 1	Re
CO2	understand the problems of Indian Economy and measurements	PO - 1	U
CO3	analyse the functions and features of agriculture	PO - 5	U
CO4	explain the system of agriculture marketing and agricultural finance	PO - 5	U
CO5	understand discuss the agriculture pricing and food security.	PO - 5	E

Unit – I: Resource Profile of Indian Economy

Characteristics of Indian economy – Principles of resource development - Importance of Natural Resources – Land – Soil – Water – Forest – Mineral - Energy – Human Resources – Features of the Indian Economy – Promotional and Retarding factors – National Income: Sectoral composition – pattern of income distribution – Inequalities of income.

Unit II: Basic Problems of Indian Economy

- Nature and Magnitude of Population – Need for population control and government policy - Problem of unemployment – Causes and remedies — Concept of Poverty and Economic inequalities – Problem of poverty in India – Absolute and relative poverty - Magnitude, nature and causes of poverty
- Measurement of Poverty – Poverty alleviation programmes.

Unit – III: Agriculture in Indian Economy

- Nature and importance – Agricultural Development in India – Green Revolution – Features and impact
- Green revolution: A critical evaluation - Mechanization – Case for and against; - Agricultural finance
- Features – Sources and problems.

Unit – IV: Agricultural Marketing and Agricultural Finance

Agricultural marketing – System of agriculture marketing – Co-operative marketing, marketed surplus, marketable surplus – Problems of agricultural marketing - Agriculture and support services – Agricultural finance – Land Development Banks – Regional Rural Banks –NABARD – Agricultural warehousing and marketing.

Unit – V: Agricultural Pricing and Food Security

Agricultural pricing – Need for stability – Objectives and instrument of agricultural price policy – Minimum support price and procurement price for agricultural goods – Public Distribution System(PDS) – Objectives and defects - Food Corporation of India – Objectives and Functions– Food Security in India.

Text Book

Misra and Puri, (2014). *Indian Economy*, New Delhi: Himalaya Publishing House.

Reference Books

1. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: PrismBook.
2. Ruddar Dutt and Sundaram, K.P.M. (2015). *Indian Economy*, New Delhi: S.Chand & Company Ltd.
3. Agarwal, A.N. (2014). *Indian Economy*, United States: International BookDistributers.
4. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: PrismBook.
5. Sankaran,(2012). *Indian Economy*. (16th ed.). Chennai: MarghamPublications.

Semester: V
Major Core VI: History of Economic Thought
Course Code: FC2052

Hours / week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To gain knowledge of the origin and development of Economic ideas.
2. To understand the views and commitment of the Economist.

Course Outcome

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
CO1	understand the nature significance and approaches of economic thoughts	PO - 7	U
CO2	discuss the merchant and Physiocracy	PO - 7	E
CO3	identify the classical and Neo-classical economics	PO - 7	Re
CO4	analyses the Marxian contribution	PO - 7	An
CO5	explain the idea of Economist's views	PO - 7	U

UNIT-I Ancient Economic Thought

Nature and Significance of Economic Thought – Approaches of Economic Thought – Hebrew Economic Thought – Greek Thought – Plato – Aristotle – Roman Thought.

UNIT-II Mercantilism And Physiocracy

Mercantilism – St. Thomas Aquinas – Physiocracy – Thomas Munn – Quesnay – Decline of Mercantilism – Factor that gave rise to Physiocrats – Main ideas of Physiocrats.

UNIT-III Classical And Neoclassical Economics

The Classical School – Adam Smith – Division of Labour and Theory of Value – Ricardo Theory of Rent – Comparative Cost Theory – Stationary State – Malthus Theory of Population and Theory of Gluts – J.B. Say's Law of Market – Alfred Marshall Contribution – Welfare Economics – A.C. Pigou.

UNIT-IV Marxian, Keynesian And Modern Economics

Karl Marx Contribution – Materialistic Interpretation of History – Class Struggle – Theory of Surplus Value – Keynesian contributions – Theory of Employment – Milton Friedman's contribution to Economics – Theory of Consumption & Stagflation – Paul Samuelson's contribution to Economics

UNIT–V Indian Economic Thought

Economic Ideas of Thiruvalluvar, Ranade's views, Dadabhai Naroji's Economic ideas, Gohale's Ideas, M.K. Gandhi's Economic Ideas, Contribution of Dr. B.R. Ambedkar, Amartya Sen's contribution, Jagdish Bhagwati and T.N. Srinivasan's contribution, Manmohanomics.

TEXTBOOK:

1. Lokanathan, V., (2010), History of Economic Thought, S.Chand, New Delhi. Charles and Charles Rist, (1915), A history of economic doctrines from the time of the physiocrats to the present day, Oxford, Calcutta.
2. R.R.Paul, (2015) History of Economic Thought, Kalayni Publishers, Punjab.

REFERENCE:

1. Fellner William, Emergence and Content of Modern Economic Analysis, Mc Graw Hill, Tokyo.
2. Gray, Alexander, (1948), Development of Economic doctrines, Longman London.
3. Haney, Lewis H., (1911), History of Economic Thought, Macmillan, New York.
4. Madan G.R., History and Development of Economic Thought, S.Chand, New Delhi
5. Rao Jaithirth, (2021), The Indian Conservative Indian Right-Wing Thought, Juggernaut Publication, New Delhi

SEMESTER - V
Major Core VII: Fiscal Economics
Course Code: FC2053

Hours / week	Credits	Total Hours	Marks
6	4	90	100

Objective:

1. To have knowledge of the concepts, income of the Government and Public Expenditure.
2. To know the procedure of public budget so as to prepare an appropriate family budget, to know the functions of local finance and find employment in local bodies

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understand the principles of public finance	PSO - 5	U
CO -2	identify the concepts and kinds of public revenue, public debt, public expenditure	PSO - 5	U
CO – 3	analyse the theories of public finance	PSO - 5	An
CO – 4	discuss the concept & procedure of budget	PSO – 5	U
CO – 5	explain the sources and problems of federal finance and local finance	PSO - 5	Ev

Unit I: Introduction to Public Finance

Meaning – Subject matter and Importance of public finance – Private Finance – Subject matter and Importance of Private Finance –Differences between private finance and public finance – Major fiscal functions – Musgrave theory.

Unit II: Public Revenue

Public revenue: Source, Canons of taxation - Theories of taxation – Benefit theory - Cost of service theory and ability to pay theory – Incidence – factors affecting incidence of taxation – Impact and shifting of taxation; - Kinds of taxes – Direct and indirect, Progressive, Proportional and Regressive taxes– Merits and demerits – Effects of taxation – Tax Reforms in India – Good and Services Tax(GST).

Unit III: Public Expenditure

Meaning –Wagner’s Law of public Expenditure- Canons of public expenditure– Reasons for the growth of public expenditure in India –Recent Trends in Public Expenditure in India - Effects of public expenditure – Budgetary Deficit – Fiscal Responsibility and Budget Management (FRBM)Act.

Unit: IV Public Debt and Budget

Meaning and Classification of Public debt - Effects of public debt - Causes for Government Borrowing– Debt Redemption –Meaning – Methods of Debt Redemption– Budget – Meaning – Types – Budgetary Procedures and its Changes in India.

Unit V: Federal finance and Local finance

Federal Finance – Meaning and Principles – Allocation of Fiscal Resources between Centre and States–Finance Commission – Meaning and Objectives – Major recommendations of 15th Finance Commission - Local Finance – Meaning - Functions - Sources-Problems of Local Finance in India.

Text Book:

M.Maria John Kennedy, Public Finance, PHI Learning Private Limited, New Delhi, 2013

Reference Books:

1. Agarwal, R. (2002). *Public Finance*. (4th ed.). Agra: Lakshmi Narain Agarwal Publishers.
2. Tyagai, (2004). *Public Finance*. (4th ed.). (4th Edition). Meerut: Jai Prakash Nath and Company.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1st ed.). Meerut: Lakshmi Narain Agarwal Publishers.
4. Hajela, T.N. (2010). *Public Finance*. (4th ed.). Ane Books Pvt Ltd.
5. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5th ed.). Tokyo: McGraw Hill Publishers.

Semester: V
Major Core VIII: Tamil Nadu Economy
Course Code: FC2054

Hours / week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To know the students about strength and weakness of Tamil Nadu's Agricultural and Industrial sector.
2. To enhance the students to study the policies of Tamilnadan

Course Outcomes

CO No	Course Outcomes Upon completion of this course, students will be able to	POs addressed	CL
CO1	discuss the basic characteristics of Tamil Nadu	PO - 10	U
CO2	understand the growth and development of Tamil Nadu	PO - 10	U
CO3	analyse the performance of Tamil Nadu Economy	PO - 10	An
CO4	identify the agricultural and Industrial sectors of Tamil Nadu	PO - 8	U
CO5	explain the economic and social infrastructure of Tamil Nadu.	PO - 10	Ev

Unit-I: Basic Characteristics of Tamil Nadu

Resource endowment - -Land, Minerals, Forests and Monsoon – Regional differences in Resource Endowment —Population – Growth – Demographic Trends – Human Development India Index – Gender Development Index.

Unit-II: Performance of Tamil Nadu Economy

Trends in State income - Structural growth in pre and post reform period - Dynamism of the economy- State Planning Commission –Functions and Objectives – Targets and Achievements - Financing of plans: Revenue, expenditure, debt – Current year Budget.

Unit-III: Agricultural Sector

Land use pattern - Sources of irrigation - Cropping pattern - Productivity and yield of major crops - Agricultural marketing - Regulated Markets - -Uzhavar Sandhai – Agricultural finance – Livestock.

Unit-IV: Industrial Sector

Trends and patterns in industrial growth –Evolution and Growth of Large and medium industries– Small and Micro industries - State Industries Promotion Corporation of Tamil Nadu Ltd (SIPCOT) - Industrial Estates – Industrial Corridors – KVIC and DIC –Special Economic Zones (SEZ) and Export Processing Zones (EPZ) – Labour Welfare measures.

Unit-V: Infrastructure

Transport: Road –State Highways and National Highways, Rail, Air and Sea connectives- Energy: Hydro, Thermal, Wind, Solar and Nuclear Power Infrastructure– Social Infrastructure: Educational infrastructure – Primary, Secondary and Higher Educational facilities Health Infrastructure-Public and Private Health Care facilities.

Textbook

1. Leonard, A.G., TamilNadu Economy, Macmillan, New Delhi,2006.
2. Manickam, S., Economic Development of TamilNadu in Perspective,2007.

Books for Reference

1. MIDS, Tamil Nadu Economy - Performance andIssues.
2. Rajalakshmi, Tamil Nadu Economy, Business Publishers,1999.
3. Perumalsamy.S, Economic Development of Tamil Nadu, S. Chand, New Delhi,1995.

Semester V Major Project

Course Code: FC20PR

Hours /Week	Credits	Total Hours	Marks
5	4	90	100

Objectives:

1. To develop research skills like survey, table and interpretation details about the project.
2. To enable the students to gain expertise in what they have learned and understood in a professional context

Guidelines:

- Each student shall be required to take up group project (5 members) and submit it at the end of the third semester.
- The students can select a topic for their project in consultation with their guides.
- The project format should be in Times New Roman font, Heading font size 14, and the content of the project - font size 12.
- It must be completed within stipulated time.
- It should have minimum 50 pages.
- One soft copy and two hard copies duly signed by the Supervisor and the Head must be submitted to the department on or before the date fixed by the institution.
- The front pages of the project shall encompass title page, certificate, declaration, acknowledgement, preface and contents.
- Total marks for project will be 100. Internal: 40 and External: 60.
- The project will be evaluated by an internal and an external examiner nominated by the Controller of Examinations.
- The students will have to defend her Project through a Viva-voce.

Semester V
Foundation Course III - Human Rights Education (HRE) Course Code:
FCV203

Objectives

1. Make them to identify issues, problems and violation of human rights.
2. Resolve the problems of human rights in their own life and society.

Course outcome

CO	Upon completion of this course the students will be able to:	PSO addressed	CL
CO - 1	explains the historical growth of the idea of human rights.		U
CO - 2	interpret the problems of human rights and find solution.		A
CO - 3	analyze the importance of women and child rights		An
CO - 4	evaluate concepts and ideas of human rights		E

Unit I

Social Justice - Need for Social Justice, Parameters of Social justice. Untouchability - problems, causes, casteism. Social reformers - contributions of Dr. B.R. Ambedkar and E.V. Ramasamy. Role of Mandal commissions in Social justice - Social, educational, economic indicators and recommendations

Unit II

Human Rights - approaches and concept of human rights. United Nations - UN commission on Human rights, other UN bodies on Human rights. Fundamental rights of Indian Citizen. Role of Mandal commissions in Social justice - Social, educational, economic indicators and recommendations. Fundamental duties of Indian Citizen. Political rights of Indian Citizen. Human rights concern in India.

Unit III

Women Rights - History and need of women rights. United Nation on women rights - issues by identified United Nation. Women and climate change. Women rights and problems. Problem faced by women during medieval and modern India.

Unit IV

Gender inequality - seven types of inequality. Constitutional and legal provision for women in India. Special initiatives for women. Women struggle and reforms. Women today.

Unit V

Child Rights: History and declaration of rights of children. Convention on rights of child, Child rights in India. National commission on women rights. Issues faced by women. Constitutional and Legal provision in India. Child rights in Indian Constitution.

Reference Book

Dr. Arymugam, N., Dr. Mohana., & Lr. Palkani. (2017). Value Based Education. (4th ed.). TamilNadu, Saras Publication

Semester VI
Major Core XI: Indian Economy – II Course
Code: FC2061

Hours /Week	Credits	Total Hours	Marks
6	5	90	100

Objectives

1. To enable the students to understand the availability of resources, problems, types of sectors and the role of agriculture in the development of Indian Economy.
2. To identify the resources and its impact to know the career prospects of primary, secondary and tertiary sectors in order to be employed.
- 3.

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO- 1	discuss the importance of large-scale industries, small scale industries and sickness of Indian industries.	PSO – 8	U
CO- 2	identify the sources of finance for Industries in India	PSO – 5	U
CO- 3	analyze the transport and service sectors of Indian Economy	PSO – 8	An
CO -4	identify the labour problems and policies of industrial sector	PSO – 8	Re
CO- 5	understand the present state of IT industry and modern technologies	PSO - 8	U

Unit I: Industrial Sector

Growth and Importance – Problems of Industrialization – Large Scale Industries –Iron and Steel, Textile, Sugar – Medium, Small and Microenterprises Meaning, scope and Importance – Sickness in Indian Industry – Causes and remedies.

Unit II: Industrial Finance

Industrial finance: Meaning and Sources – Industrial Finance Institutions: Meaning, Origin, Objectives and Functions of IDBI, IFCI, ICICI, IRDI, SFCs and SIDCO.

Unit III: Service Sector (Special Focus to Transport Sector and Health Sector)

Growth and Importance of service sector in Indian economy – Modes of transportation: Roadways, Railways, Waterways and Airways – Growth and Importance –Problems and Remedies– Health Sector in India: Public and Private Health Infrastructure – COVID 19 Pandemic and Indian Health Sector.

Unit IV: Labour Problems

Features of Industrial Labour–Trade Union – Growth, Objectives and functions – Industrial Disputes in India–Causes of Industrial Disputes –Settlement proceduresfor Industrial Disputes.

Unit V: Information Technology (IT) Industry

Information Technology and knowledge economy – Major issues in information technology – Growth and the present state of IT industry in India – Future prospects of IT industry – Outsourcing, nationalism and globalization.

Text Book

Misra and Puri, (2014). *Indian Economy*, New Delhi: Himalaya Publishing House.

Reference Books

1. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: PrismBook.
2. Ruddar Dutt and Sundaram, K.P.M. (2015). *Indian Economy*, New Delhi: S.Chand & Company Ltd.
3. Agarwal, A.N. (2014). *Indian Economy*, United States: International BookDistributers.
4. Ghosh, S.K. (2012). *Indian Economy*, Jaipur: PrismBook.
5. Sankaran, .(2012). *Indian Economy*. (16th ed.). Chennai: MarghamPublications.

Semester – VI
Major Core X: International Economics
Course Code: FC2062

Hours / Week	Credits	Total Hours	Marks
6	5	90	100

Objectives:

1. To enable the students to understand the concepts and theories of International Economics.
2. To know the trend of exports, the direction of trade, organizations that promote trade and offer financial assistance so that the learners can find employment and become a trader.

Course Outcomes

CO	Upon completion of this course the students will be able to :	PSO addressed	CL
CO – 1	differentiate between internal trade and International Trade,theories	PSO - 4	U
CO – 2	identify the terms of trade and Economic development of the country	PSO – 4	Re
CO – 3	explain the balance of payment and balance of trade	PSO –1 PSO -4	Ev
CO – 4	differentiate between tariffs and quotas	PSO – 4	An
CO – 5	discuss the Mint parity theory, purchasing power parity theory and balance of payment theory	PSO – 4	U

Unit – I Introduction to International Economics

Meaning and Importance of International Economics - Differences between internal trade and international trade – Benefits and Defects of international trade –Theories of International Trade – Classical Theory (Adam smith and Ricardian theory) Modern theory (Hechsher - Ohlin theory) – Metzler Theory.

Unit – II Terms of Trade

Meaning – Types of terms of trade - Factors affecting terms of trade – Terms of trade and economic development - Gains –Nature and Sources– Factors determining size of gain – Distribution of gain Theory – Free and Fair Trade: Meaning and Importance.

Unit – III Balance of Payment

Meaning of balance of trade and balance of payment – Structure of balance of payment -- Differences between balance of payment and balance of trade – kinds of disequilibrium in balance of payments – causes and remedial measures.

Unit – IV Tariffs and Quotas

Meaning – Classification of tariffs – Optimum Tariff Effects: Protective and Revenue - Nature and purpose of quotas - Types of quotas - Quotas Vs Tariff

Unit – V Foreign Exchange

Meaning – foreign exchange rate and its determination – Mint parity theory – Purchasing power parity theory – Balance of payment theory. Fixed and Flexible rate of exchange – Causes of fluctuations in exchange rate – Hedging and Speculation

Text Book:

Mithani, D.M. (2010). *International Economics*, New Delhi: Vrinda Publications.

Reference Books:

1. Vaish, M.C. (2010). *International Economics*, New Delhi: Oxford & IBH Publishing House.
2. Jhingan, M.L. (2000). *International Economics*. (6th ed.). Vrindha Publication Pvt Ltd.
3. Francis Cherunilum. (2006). *International Economics*. (5th ed.). Tata Mc Graw, Hill Publishing Company Ltd.
4. Desai, S.S.m. (1995). *International Economics*. (3rd ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4th ed.). Mumbai: Himalaya Publishing House.

Semester VI
Major Core XI: Economics of Development
Course Code: FC2063

Hours / Week	Credits	Total Hours	Marks
6	4	90	100

Objectives

1. To understand the concept and Theories of Economic growth and Planning
2. To acquire knowledge of planning and development theories, five year plans and growth models of our economy, in order to find employment in centers and planning and NGOs.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	describe the characteristics of growth and development	PSO – 1	U
CO -2	illustrate the theories of development and growth	PSO – 1	Ap
CO – 3	analyse the stages of economic growth and planning	PSO – 4	An
CO – 4	record the role of states in economic development and apply different policies for economic growth	PSO – 4	Re
CO – 5	analyse the planning in India and recent five year plan	PSO – 4	An

Unit I: Development and Growth: Concepts and Approaches

Economic Growth and development – Meaning, Features and Differences – Characteristics of Developing Economies – Obstacles to Economic Development – Factors of Economic Growth: Economic and Non – Economic Factors – Concept of Development Gap.

Unit II: Theories of Economic Development

Adam Smith’s theory of Economic Development – The Ricardian Theory – The Malthusian Theory – J.S. Mill’s Theory – The Marxian Theory – The Schumpeterian Theory

Unit III: Theories of Economic Growth

Rostow’s Stages of Economic growth – Big Push Theory – Doctrine of balanced and unbalanced growth – Critical minimum effort thesis

Unit IV: Planning and Growth Strategy

Meaning – Types – Requisites of effective planning – Planning under capitalism – Planning under socialism – Mahalanobi's two sector model – Manmohan's Growth Strategies.

Unit V: Planning in India

Objectives – Types – Planning machinery in India – Planning Commission: Centre and State – Functions – Five Year plans – Targets, Successes and Failures of Five year plan – Recent five year plan.

Text Book

Jhingan, ML (2012). *The Economics of Development and Planning*. (18th ed.). New Delhi: Vrinda Publication.

Reference Books

1. Seth, M.L. (1982). *Theory and Practices of Economic Planning*, New Delhi: S. Chand & Company (P)Ltd,
2. Misra S.K., & Puri V.K.(1998). *Economics of Development and Planning*. (7th ed.). Karnataka: Himalaya publishinghouse.
3. Brown, M. (1996). *On the Theory and Measurment of Technical Change*. (3rd Editon). Cambridge: Cambridge UniversityPress.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7th ed.). Elsevier,Amsterdam.
5. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th ed.). Stanford: Stanford UniversityPress.

Semester VI
Major Core XII: Labour Economics
Course Code: FC2064

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. Students could understand the subject matter of Labour Economics.
2. Students would acquire some knowledge and skill on observing and establishing the interaction between theoretical and empirical modeling of issues of labour.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the meaning of labour and problems	PSO – 5	U
CO -2	identify the wages and productivity	PSO – 5	U
CO – 3	analyse the industrial labour in India	PSO – 5	An
CO – 4	explain the agricultural labour in India	PSO – 5	Ev
CO - 5	discuss the social security measures	PSO – 5	U

UNIT - I LABOUR: INTRODUCTION

Labour economics: Definition, nature, scope and importance - Meaning and concepts of labour –Characteristics of laboratory of labour problem - Impact of Liberalization, Privatization, G (LPG) on Indian Labour.

UNIT - II WAGES AND LABOUR PRODUCTIVITY

Wage differentials in India –Minimum Wages Act 1948 and its recent amendments - Unorganised labour in India: Nature, problems and Remedies –COVID 19 and its impact on unorganized labour in India - Labour productivity and its measurement in India - Determinants of labour productivity.

UNIT - III INDUSTRIAL LABOUR IN INDIA

Economic and social characteristics of industrial labour in India - Trade union movements in the context of Globalization- Causes and effects of industrial disputes in India - measures to prevent and settle the disputes in India .Govt. measure to improve the conditions of Industrial labours.

UNIT - IV AGRICULTURAL LABOUR IN INDIA

Meaning and characteristics of Agricultural labour in India - Types of Labour in Agricultural sector - problems of Agricultural labour in India - Govt. measure to improve the conditions of Agricultural labours.

UNIT-VSOCIALSECURITYMEASURESININDIA

Meaning and importance of social security measures in India – Maternity Benefit Act – 1961 and its recent amendments - The Provident Fund Act – 1952its recent amendments– Necessity and Effectiveness of social security measures in the context of globalization - Labour Acts in India (special focus to basic acts), Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)- 2006its recent amendments.

TEXTBOOK:

1. Dr. B.P. Thyagi, (2014), Labour Economics and social welfare. Jai Prakash Nath & Co., Meerut.

REFERENCE:

1. T.N.Bhagoliwal,(1982),EconomicsofLabour&IndustrialLabour,SahityaBhawan, Agra .Arora, (1999), Industrial Relations, Excel Book, NewDelhi.
2. Gupta P.K (2012), Labour Economics, Vrida Publications Ltd.Delhi.
3. R.C.Saxena, (1963), Labour problems and social welfare, Jai Prakash Nath,Meerut.
4. S.N. Mathotra,(1981), Labour problems in India, S. Chand and Co. Ltd., NewDelhi.
5. P.M. Kadukar, (2021), Fundamentals of Labour Economics, Himalaya PublishingHouse, GIRGAON MUMBAI MH 400004IN

Semester VI
Elective III: a) Principles of Marketing
Course Code: FC2065

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

- 1. To train the students to effectively sell and market any product or service of any industry.**
- 2. To orient the students with modern marketing and selling strategies.**

Course Outcomes

CO	Course Outcomes	PSO addressed	CL
CO- 1	understand the meaning, concepts and importance of marketing	PSO - 2	U
CO- 2	discuss the impacts of buying and assembling	PSO - 2	E
CO- 3	identify the classification of product and product planning	PSO - 2	Re
CO -4	explain the stages and product life cycle	PSO - 2	Ev
CO -5	understand the marketing risk and product diversification	PSO - 2	U

Unit – I Introduction to Marketing

Marketing: Definition, Objectives and Importance– Selling: Meaning – Differences between Selling and Marketing – Marketing Mix – Elements, Concepts and Problems – 4 Ps of Marketing.

Unit – II Buying and Assembling

Meaning of Buying – Kinds of Buyers –Elements and Problems of Buying – Purchasing Methods – Assembling – Meaning – Advantages and Problems.

Unit – III Product Planning

Meaning of Product – Classification of Product – Product Attributes – Product Line – Product Mix – Goals of Product Mix – Factors Influencing Product Mix – Product Mix Strategies– Product Innovation.

Unit – IV Managing the Product Development

Product Life Cycle – Different Stages – Advantages – Development of New Product – Managing New Product – New Product Planning Process – Product Diversification – Product Elimination – Product Modification – Product Failure.

Unit – Sales Promotion

Sales Promotion – Definition – Purpose – Importance – Objective – Growth – Advantages – Limitations – Kinds – Consumer Promotion – Dealer Promotion – Sales Force Promotions - Questions

Text Book:

Pllai, R.S.N. (2007). *Modern Marketing: Principles and Practice*, New Delhi: S.Chand& Company Limited.

Reference Books:

- Sherlekar.S.A;(2003)*Marketing Management*;1stedition.NewDelhi;HimalayaPublishers.
- PhilipKotler;(2009)*Marketing Management*;8thedition.NewDelhi;PrenticeHallofIndia (P) Ltd.
- Agarwal R.C, Lakshmi Narain Agarwal; 2003)*Marketing Management*;3rdedition. Mumbai; Virinda Publication (P)limited.
- Ramaswamy and Namakumari.S (2009) *Marketing Management*; 1st edition. New Delhi; MacMillan India.

Semester – VI
Elective III: b) Financial Economics
Course Code: FC2066

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. Students would acquire some theoretical knowledge of financial frictions, crises, liquidity, financial intermediation and banking.

Course Outcomes

CO	Course Outcomes	PSO addressed	CL
CO- 1	understanding the types of financial markets and theorems	PSO - 2	U
CO- 2	discuss the theory of uncertainty and portfolio theory	PSO - 8	E
CO- 3	identify the index model and risk	PSO - 2	Re
CO -4	explain the fixed income securities	PSO - 8	Ev

UNIT- I INTRODUCTION TO FINANCIAL MARKETS

Capital markets, Consumption and investments with and without capital markets, Market places and transactions cost and the breakdown of separation; Fisher Separation Theorem, the agency problem; maximization of shareholders wealth.

UNIT- II THEORY UNCERTAINTY

Axioms of choice under uncertainty; utility functions; expected utility theorem, certainty equivalence, measure of risk– absolute and relative risk aversions; stochastic dominance – first order, second order and third order; measure of investment risk-, variance return, short fall probabilities.

UNIT- III MEAN VARIANCE PORTFOLIO THEORY

Measuring portfolio return and risks ;effect of diversification, minimum variance portfolio, perfectly correlated assets, minimum variance opportunity set,optimal portfolio choice mean variance frontier of risky and risk free asset, portfolio weights.

UNIT- IV INDEX MODELS, CAPM & APT

Model of asset returns, multi-Index models, single index models, systematic and specific risk, equilibrium models, capital asset pricing model, capital market line, security market line.

UNIT- V FIXED INCOME SECURITIES

Bond prices, spot prices, discount factors and arbitrage, forward rates and yield to maturity, price sensitivity, hedging.

REFERENCE:

1. Copeland, T.E. and J.F. Weston, (1992), Financial theory and corporate policy, Addison Wesley Publishing Company, Boston.
2. Brealey, R. and S. Myers, (1997), Principles of corporate finance, fifth edition, McGraw Hill, New York.
3. Elton, E.J. and M.J. Gruber, (1997), Modern portfolio theory and investment analysis, John Wesley and sons, New York.
4. Houthakker, H.S. and P.J. Williams, (1996), Economics of financial markets, Oxford University Press, New York

Semester – VI
Elective III: c) Ecology and Economic Development
Course Code: FC2066

Hours / Week	Credits	Total Hours	Marks
5	4	75	100

Objectives

1. To expose the students to understand the environmental issues; and
2. to help them in solving a simple environmental problem

Course Outcomes

CO	Course Outcomes	PSO addressed	CL
CO- 1	understand the meaning of economic development and ecology	PSO - 1	U
CO- 2	discuss the theories of Ecology and natural resources	PSO - 1	E
CO- 3	identify the economics of environmental pollution	PSO - 1	Re
CO -4	Explain the public policy and demography	PSO - 1	Ev

Unit – I: Basic Concepts

Ecology – Eco-System – Economic Development – Population – Community habitat – components of eco-system: biotic and abiotic substances, consumer, producer and decomposer organisms – pollution – scope of ecology and economic development

Unit – II: Basic theory of Ecology and Economic Development

Efficiency in a private market pollution – externalities and economic efficiency – Environmental quality as a public good – environmental problems in capitalist and socialist economies – Natural resource economics – conservation of Natural resources – Limits to growth – Sustainable Development

Unit – III: The economics of environmental problems

Air pollution – Water pollution – Solid waste pollution – Thermal pollution – Pesticidal pollution – Pollution by nuclear power plants – Marine pollution – Forest and environmental quality – Environmental problem of urbanization

Unit – IV: Regulation and prohibition

Public policy – regulation and effluent fees – taxes and subsidies

Unit – V: Demography

Population, energy, economic growth and environmental quality

Books for Study

1. Sankaran, S., 1994, Environmental Economics, Margam Publications, Chennai
2. Karpagam, M., 1991, Environmental Economics: A Text Book, Sterling Publishers Pvt. Ltd, New Delhi

Books for Reference

1. Field, Barry C., 1994, Environmental Economics: An Introduction, McGraw Hill International Edition, Singapore
2. Pearce, D.W., 1976, Environmental Economics, Longman, London
3. Seneca, Joseph and Michael K Taussig, 1979, Environmental Economics, Prentice Hall Inc Engle Wood Cliffs, New Jersey
4. Tyagi, O.D. Mehra, M.A., 1990, Text Book of Environmental Chemistry, Anmol Publications, New Delhi
5. Varadarajan, Sivam and Elangovan, S., 1992, Environmental Economics, Society For Promoting efforts for Economic Development, Madurai

Semester – VI

SEC: Basic Accounting

Course Code: FSK206

Hours / Week	Credits	Total Hours	Marks
2	2	30	100

Objectives

1. To enable the students to understand the calculation of profits and losses in business.
2. To understand basic accounting and methods of tally in order to find employment in banks and institutes dealing with accounts.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	understanding the fundamental of accounting	PSO - 1	U
CO -2	know the types and advantages of book keeping	PSO - 7	Ap
CO – 3	explain the classification of accounts	PSO - 8	Ev
CO – 4	discuss the functions of trial balance	PSO - 4	Re
CO – 5	identify the profit and loss account	PSO - 4	U

Unit I : Fundamentals of Accounting

Meaning – Definition – Functions – Objectives – Limitations – Principles

Unit II: Book Keeping

Meaning – Types – Advantages – Double Entry System of Book Keeping – Advantages – Differences between Double Entry & Single-Entry System

Unit III: Books of Accounts

Journal – Classification of Accounts – Rules for Journalizing – Ledger – Differences between Journal & Ledger

Unit IV: Trial Balance

Trial Balance – Functions – Problems

Unit V: Final Accounts

Trading Account – Profit & Loss account – Balance Sheet

Text Book

R.S.N. Pillai & Bhagavathi., Advanced Accountancy Tally 9.0., Ramaiah Publications, Chennai, 2001.

Reference Books

1. S.P.Jai&K.L.Narang,AdvancedAccountancy, KalyaniPublishers,NewDelhi,1999.
2. S. Arulraj Ponnudurai, Accountancy, Sathya Publication, Thirunelveli,2007.
3. S. Mabel Latha Rani, Tally ERP.9, Accounting Principles and Concepts, B-Digest Publication, Nagercoil,2015.
4. Giri Courter & Annette Marguis, (2000), Micros Office 2000. (1st ed.), New Delhi : BPB Publications.
5. Ananthi Sheshasaayee, G. (2013), Computer Applications in Business and Management, (9th ed.). Chennai : MargamPublication

Self-Learning Course
Semester – III/V
Health Economics
Course Code: FC20S1

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

Objectives:

1. To understand the policies and services of health by the government.
2. To make the students aware of the production of health in the life.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	identify the approaches, role and indicators of health economics	PSO - 5	U
CO -2	discuss the production efficiency and health care	PSO - 5	U
CO – 3	explain the cost function and market for health services	PSO - 5	Ev
CO – 4	understand the economic evaluation and measuring health gains and utilities	PSO - 5	U
CO – 5	analyse the risk and insurance of health	PSO - 5	An

UNIT-I HEALTH ECONOMICS –INTRODUCTION

Definition-Approaches to measurement of value of life –The role of economists in the health sector – Demand for health care, health indicators – Health status –medical care as an investment.

UNIT-II HEALTH PRODUCTION FUNCTION APPROACH

Health input and health output– Production efficiency and health care – skills and efficiency of production of health services – choices of health care.

UNIT–IIISUPPLYANDCOSTOFHEALTHCAREANDHEALTHSERVICES

Production and cost – Estimating cost functions in healthcare–Theory of managed care Demand, Supply and equilibrium. The information problem – the market for health services.

UNIT–IVECONOMIC EVALUATIONINHEALTHCARE

Measuring cost in economic evaluation – costing in economic evaluation – measuring benefits in economic evaluation - measuring and valuing outputs – standardized measures of outcome and utility scores – measuring health gains and utilities.

UNIT–VHEALTHINSURANCEANDHEALTHPOLICIES

Risk and insurance–Voluntary insurance–Social insurance systems–Health policies in India with special reference to TamilNadu.

TEXTBOOK:

1. MepakeBarbara,LilaniKumaranayakeandNormandCharles,(2002),HealthEconomics:An International Perspectiv e, Taylor and Francis Group. London.
2. James.WHenderson,(2008),HealthEconomicsandpolicy,CengageLearning,UnitedStates.

REFERENCE:

1. Himanusha skar, Routand Prasant Panda,(2007), Health Economics in India– New century Publications, NewDelhi.
2. Culyar, A.J.J oseph.P.(2003), New House, Hand Book of Health Economics, North–Holland.
3. Feldstein, P. J.(2011),HealthCareEconomics,ThomsonDelmarLearning,NewYork.

Self Learning Course
Semester – IV/VI
Human Development
Course Code: FC20S2

Hours / Week	Credits	Total Hours	Marks
-	2	-	100

Objectives:

1. To understand the functions and concepts of human development.
2. To make the students aware of the indicators of human development.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	understand the meaning and concepts of human development	PSO - 4	U
CO -2	discuss the political and cultural factors	PSO - 4	U
CO – 3	analyse the nature and human development	PSO - 4	An
CO – 4	identify the measurement of human development	PSO - 4	U
CO – 5	explain the issue of human development	PSO - 4	Ev

UNIT-I INTRODUCTION TO HUMAN DEVELOPMENT

Meaning – Definitions – Concepts

UNIT-II DETERMINANTS OF HUMAN DEVELOPMENT

Socio, Economic, Political and Cultural factors

UNIT-III INDICATORS OF HUMAN DEVELOPMENT

Indicators: Socio, Economic and Political- Nature of Human Development

UNIT-IV MEASUREMENT OF HUMAN DEVELOPMENT

Various Methods to measure Human Development (HDI)

UNIT-V ISSUES OF HUMAN DEVELOPMENT

Issues of Human Development in the Indian and Global Context

REFERENCE:

1. Mahbub UIHug (1995)“ReflectionsonHumanDevelopment”OxfordUniversityPress,London.
2. “HumanDevelopmentReport2003”,United Nations Development Programme.



Employability



Entrepreneurship

S. Jeni Sanjana
DR. S. JENI SANJANA
 Head of the Department
 Department of Economics
 Holy Cross College (Autonomous)
 Nagercoil.

Core I: Advanced Micro Economics - I
Sub. Code: PF2011

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To know the basic concepts of Economics and analyze the behavior of individual firms and markets
2. To equip the students with theoretical and practical knowledge for employment.

Course Outcome

Co.No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the economic concepts	PSO - 1	Un
CO - 2	apply the economic theories for the development of the economy	PSO - 3	Ap
CO - 3	describe the various market situation	PSO - 1	Re
CO - 4	analyze the price-output determination	PSO - 1	An

Unit I: Introduction and Basic Concepts

Micro Economics – Meaning - Definitions - Basic economic problems – Scarcity and choice – Economic Model – Economic theories – Validity of economic theories for policy making – Static and dynamic economics.

Unit II: Utility Analysis

Indifference curve analysis –Major assumptions and Properties of Indifference curve – Price line - Slutsky theorem – Applications of indifference curve – Revealed Preference theory – Revision of Demand theory – Modern utility analysis – Markowitz, Petersburg, Friedman – Savage hypothesis.

Unit III: Theory of Production and Costs

Production function – Meaning - Cobb – Douglas – CES and VES Production function – Modern theories of cost – Derivation of Cost function from Production function.

Unit IV: Price – Output determination

Perfect competition – Short – run and long run equilibrium of firm and industry – Pricing under monopoly – Price discrimination – Monopoly control and Regulation – Monopolistic competition. General and Chamberlin’s approach – Equilibrium of firm and group with product differentiation and selling costs – Excess capacity

Unit V: Duopoly and Oligopoly

Duopoly – Cournot, Edgeworth and Chamberlin Models, Oligopoly – Collusive and Non-collusive – Kinked demand curve – Price leadership – Non-price competition in Oligopoly- Applications of Oligopoly

Reference Books

1. Koutsoyiaannis, A. (2008). *Modern Micro Economics*. (2nd ed.). London: Macmillan Press.
2. Cyril Kanmony, J. (2016). *Advanced Micro Economics*. (2016 ed.). Mumbai: Himalaya Publishing House.
3. Jhingan, M.L. (2014). *Advanced Economic Theory*. (4th ed.). New Delhi: Brindha Publications.
4. John Kennedy, M. (2003). *Micro Economics*. (2003 ed.). Mumbai: Himalaya Publishing House.
5. Sankaran, S. (1990). *Micro Economics*. (7th ed.). Madras: Margham Publications.

Core II: Recent Issues in Indian Economy

Sub. Code: PF2012

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To understand the availability of resources, recent issues of Indian economy, reforms and sectoral Performance.
2. To improve skill development and encourage self-employment specially gender based.

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the need for economic policy and planning	PSO - 6	Un
CO - 2	describe the density of population and unemployment	PSO - 2	Un
CO - 3	identify the problems faced by the Indian Economy	PSO - 2	Re
CO-4	analyze the impact of various sectors in India	PSO - 1	An
CO – 5	develop the development strategies and planning	PSO - 6	An

Unit I: Frame Work of Indian Economy

Need for Economic Policy in India – Aims of Economic Policy – Instruments – National income estimates in India-Trends in National Income - Growth and structure – Recent reforms in National Income Accounting

Unit II: Demographic Profile

The theory of Demographic transition - Growth rate of population - Density of population-Population policy- Unemployment – Causes and remedies - Human development-Measures-Progress-Balanced regional development and indicators - Policy measures to remove regional disparities

Unit III: Economic Reforms in India and Public Sector

Rationale of Economic Reforms: Liberalisation, Privatisation and Globalisation – Impact on India -Economic Reforms- Role of the public sector-Evolution of the public sector-Objectives-Causes for the expansion of Public enterprises-price policy- Role of the private sector-limitations-Public versus Private Sector – Disinvestment and Privatization of PSU: Rational and trends.

Unit IV: Agricultural Sector

Agricultural Growth, Productivity Trends and crop patterns – Issues and concerns in Indian Agriculture – Agricultural Marketing – Regulated markets-Co-operative Marketing-Agricultural taxation- Green Revolution and its impact

Unit V: Policies and Performance of Infrastructure

Social and Economic infrastructure Transport- Road transport and Railway - communication – Energy- Power- Growth Rates of the Economic Infrastructure – Water transport-Social Infrastructure: Components – Health, Education–Urban infrastructure-Policies – Recent reforms in infrastructure in India .

Reference Books

1. Gaurave Dutt., Aswani Mahajan., & Rudder Dutt. (2012). *Indian Economy*. (70th ed.). New Delhi: Sultan & Chand.
1. Sankaran, .(2012). *Indian Economy*. (16th ed.). Chennai: Margham Publications. Misra & Puri, (2003). *Indian Economy*. (7th ed.) New Delhi: Himalaya PublishingHouse.
2. Agarwal, A.N. (1986). *Indian Economy*. (12th ed.). New Delhi: Wiley Eastern Limited.
3. Uma kapila(2017)). *Indian Economy*. (27th ed.) NewDelhi: Academic Foundation,

Semester I
Core III: Statistical Methods for Economics
Sub. Code: PF2013

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To acquire knowledge in statistical concepts applicable to modern economic theories.
2. To educate the students both theoretical and practical knowledge by applying it for employability

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	explain the basic concepts of Correlation and Regression	PSO - 4	Un
CO - 2	understand the Time series, Index number Analysis and Hypothesis	PSO - 4	Un
CO - 3	analyze the Concept of Probability	PSO - 4	An
CO - 4	categories different types of sampling	PSO - 4	Re
CO - 5	Apply the hypothesis testing based on Z, t, Chi-square & F test	PSO - 4	Ap

Unit I: Correlation and Regression Analysis

Simple correlation meaning – Assumptions and limitations. Pearson's correlation Coefficient and Spearman Rank correlation coefficient their properties, Probable error - Regression – Types of regression methods of estimation of linear equation using Ordinary– Partial and multiple correlation and regression

Unit II: Analysis of Time Series

Time series analysis – Index number – Measurement – Weighted index number and un-weighted tests of adequacy of index numbers.

Unit III: Probability and Theoretical Distributions

Probability – Definition (classical and empirical) – Addition multiplication theorems of probability – Conditions of probability – Bayes theorem and its application of elementary concept of random variable – Binominal, poisson and normal distribution.

Unit IV: Sampling and Estimation

Sampling – Basic concepts and laws of sampling (law of statistical regularity and law of inertia of large numbers) – Different types of random and non-random sampling – Sampling distribution of mean and properties – Standard error and its uses in test of hypothesis – Estimation – Concepts – Types – Properties of an ideal estimator

Unit V: Testing of Hypothesis

Hypothesis – Meaning – Types (null and alternative hypothesis) – Testing of hypothesis – Procedure for testing a hypothesis – Confidence interval and level of significance – Type I error and Type II error – Hypothesis testing based on Z test, T test, X^2 (Chi square) and F test.

Reference Books

1. Beri, G.C. (2010). *Business Statistics*. (15th ed.). New Delhi: Tata McGraw hill Publication Company Ltd.
2. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
3. Gupta, S.P. (2014). *Statistical Methods*. (29th ed.). New Delhi: Sulthan Chand & Sons.
4. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.
5. Pillai, R.S.N., & Bagavathi. (2007). *Statistics Theory and Practice*. (20th ed.). New Delhi: S. Chand and Company (p) ltd.

Core IV: Development Economics – I
Sub. Code: PF2014

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To study the economic development of developing countries.
2. To focus the Indian ethics and sustainability.

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the factors affecting economic growth	PSO - 6	U
CO - 2	apply the theories of development	PSO - 3	Ap
CO - 3	Identify the need for investment criteria in developing countries	PSO - 3	Re
CO - 4	analyze the growth and development of the economy	PSO - 6	An

Unit I: Economic Growth

Economic growth and development – Factors affecting economic growth – Growth models – Harrod and Domar, instability of equilibrium – Neo-classical growth models – Solow, Mrs. John Robinson’s growth model – Degrowth Models : Dani Rodrick model, Dayana Quilin Model.

Unit II: Theories of Development

Classical theory of development – Contribution of Adam Smith, Ricardo, Malthus; Karl Marx-development of capitalistic economy – Schumpeter – Rostow’s stage of economic growth

Unit III: Approaches to Development

Partial theories of growth and development – Vicious circle of poverty – Unlimited supply of labour – Big push, Balanced growth, Unbalanced growth, Critical minimum effort thesis – Low income equilibrium trap – Dualism – Technical, behavior and social - Fei and Ranis’s model – Dependency theory of development.

Unit IV: Allocation of Resources

Need for investment criteria in development countries – present vs future, alternative investment criteria – cost-benefit analysis – Shadow Prices and project evaluation.

Unit V: Planning and Development

Meaning – Objectives – Need for planning – Plan Formulation and Requisites for successful Planning – Problems – Perspective and Annual Planning – Planning in a Mixed Economy

Reference Books

1. Jhingan. (2012). *The Economics of Development and Planning*. (18th ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K. (1998). *Economics of Development and Planning*. (7th ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th ed.). Stanford University Press, Stanford.
4. Behrman, S. & Srinivasan T.N. (1995). *Handbook of Development Economics*, (7th ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurement of Technical Change*. (3rd ed.). Cambridge University Press, Cambridge, Mass.
6. Micheal Todra (2017). *Economic Development*, (12th ed.). Pearson series in Economics

Elective I (a): Economics of Marketing
Sub. Code: PF2015

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To understand of conceptual framework of marketing.
2. To develop employability and entrepreneurial skill.

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the different types of markets	PSO - 1	U
CO - 2	analyze the nature and importance of marketing environment and buyer behavior	PSO - 2	An
CO - 3	identify the product and pricing decisions	PSO - 1	Re
CO - 4	develop knowledge of the current advertising and advertising media.	PSO - 6	An

Unit I: Conceptualization of Marketing Management

Definition, Goal or Objectives, Scope, functions, Types of Markets, Marketing Concepts - New concept of Marketing: Relationship concept, Mass Marketing, Niche Marketing, Strategic Marketing – Marketing Management: Responsibilities, Marketing Plan, Marketing Mix – Four P’s of marketing-Marketing Organization: Forms of Marketing Organisation, Responsibilities of Marketing Manager.

Unit II: Marketing Environment Segmentation and Buyer Behaviour

Marketing environment: Need, Nature, importance of marketing environment – Marketing management and its environment – Market segmentation: Criteria for market segmentation, Advantages, for market segmentation - Buyer behaviour: Determinants of Buyer behavior, Social and cultural influences on Buyers behavior -Psychological buying process, Stages of buying process.

Unit III: Product and Pricing Decisions

Concept of a product; Classification of product; Product life cycle, Product innovation, Product market strategy, New product strategy development, Branding, Packaging and Labeling – Product Warranty, Service facilities – Price: Importance and objectives of pricing- Multistage price determination process, Major pricing policies, Discounts and allowances.

Unit IV: Advertising

Advertising: Definition – Features – Objectives - Benefits-Goals and models-Functions- Advantages - Types - Kinds - Advertisement copy - Qualities- Classification - Causes of failure of advertising – Advertising media: Meaning- Factors – Kinds – Advertising budget .

Unit V: Emerging Markets in the World

Social aspects of marketing: Social responsibility, Social marketing function – International marketing – Direct marketing: Methods – Advantages of marketing methods – Online marketing – Recent trends in marketing: Relationship marketing – Test marketing and Green marketing.

Reference Books

1. Sherlekar.S.A. (2003). *Marketing Management*. (1st ed.). New Delhi: Himalaya Publishers.
2. Philip Kotler. (2009). *Marketing Management*. (8th ed.). New Delhi: Prentice Hall of India (P) Ltd.
3. Agarwal R.C, Lakshmi Narain Agarwal. (2003). *Marketing Management*. (3rd ed). Mumbai: Virinda Publication (P) limited.
4. Pillai, R.S.N & Bagavathi. (2007). *Modern Marketing principles and Practice*: (1st ed). New Delhi: S.chand&company Limited.
5. Ramaswamy and Namakumari.S. (2009). *Marketing Management*: (1st ed.). New Delhi MacMillan India.

Core – V: Advanced Micro Economics - II

Sub. Code: PF2021

No. of Hours per week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives: 1. To study the economic theories and the behavior of individuals.
2. To instill professional ethics among the students.

Course Outcome

Co.No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the various economic theories.	PSO - 3	Un
CO - 2	apply the micro economic theories for economic development.	PSO - 6	Ap
CO - 3	Analyse the problems existence and stability-	PSO -2	An

Unit – I Alternative Theories of Firm

A critique of Neo – Classical theory – Marginalist controversy – Full cost Pricing – Bains limit price theory – Baumol’s theory of sales revenue maximization – Marris model – Williamson’s Model – Behavioural theory of the firm.

Unit – II Distribution

Marginal Productivity theory – Euler’s theorem – The adding up Problem – IS –LM Model to interest – Shaekle’s theory of profit – Macro theories of distribution – Ricardian, Kaldor and Kaleck theories.

Unit – III Welfare Economics

Nature of welfare economics – Pigovian welfare economics – Compensation principles – Social welfare function – Arrow’s theory of voting – Maximisation of social welfare – Pareto optimum condition

Unit – IV General Equilibrium

Problems of existence, Stability and uniqueness of general equilibrium – Two models on general equilibrium – Walrasian approach to general equilibrium.

Unit – V Economics of Uncertainty

Individual behavior towards risk – expected utility – Risk and Risk aversion – Gambling – economics of insurance – Economics of search – Theories – Market with symmetric , Asymmetric information.

Reference Books

1. Koutsoyiaannis, A. (2008). *Modern Micro Economics*. (2nd ed.). London: Macmillan Press.
2. Cyril Kanmony, J. (2016). *Advanced Micro Economics*. (2016th ed.). Mumba: Himalaya Publishing House.
3. Jhingan, M.L. (2014). *Advances Economic Theory*. (4th ed.). New Delhi: Brindha Publications.
4. John Kennedy, M. (2003). *Micro Economics*. Mumbai: Himalaya Publishing House.
5. Sankaran, S. (1990). *Micro Economics*. Madras, (7th ed.). Margham Publications.

Core – VI: Quantitative methods for Economics**Sub. Code: PF2022**

No. of Hours per Week	Credits	Total No. of Hours	Marks	Objective s
6	4	90	100	

1. T

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

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	describe concept of Matrix and Set	PSO - 4	Un
CO - 2	analyze the differentiation and Partial derivatives	PSO - 4	An
CO - 3	understand the production function and linear programming	PSO - 4	Un
CO - 4	Apply the rules and laws of mathematics in economic theory	PSO - 4	Ap

Unit – I Introduction and Set Theory

Nature and role of mathematics in economic theory - Meaning of set – Definition – Representation of a set – Forms of sets – Different Laws – Venn diagram – Demorgan’s Law – Ordered pairs – Cartesian Products.

Unit – II Differentiation and Its Application

Rules of differentiation – Conditions for maxima and minima of a function – Point of inflexion – Simple application of derivatives: Maximization of profit and revenue – Minimisation of cost – Elasticity of demand – Relationship between average revenue and marginal revenue – Partial derivatives and their application in Economics.

Unit – III Production Function

Optimisation problems involving one or two variables — Homogeneous function and their properties - Euler’s Theorem - Cobb-Douglas and CES Production Functions, properties, and their Applications in Economics

Unit – IV Matrices and Determinants

Concept of matrix – Types of matrix - Simple operations on matrices, Subtraction and Multiplication of matrix - Rank and inverse of matrices – Determinants and their basic properties – Solutions of Simultaneous equations through Cramer’s rule.

Unit–V Linear Programming

Meaning and Basic concepts – Formulation of Linear Programming Problem – Conditions and Generalizations – Application to the firm – Advantages and Limitations – Application of Linear Programing – Application in India

Reference Books

1. Bose, D. (1996). *an Introduction to Mathematical Economics*. (3rd ed.). Mumbai: Himalaya Publishing House.
2. Cyril Kanmony, J. & Palani, K. (2003). *Mathematical Analysis for Economists*. (1st ed.). Nagercoil: JP Publishers.
3. Medha, & Madhnani. (1999). *Mathematics for Economics*. (2nd ed.). New Delhi: Sultan Chand and Sons.
4. Agarwal, D.R. (2001). *Mathematical Economics*. (4th ed.). New Delhi: Vrinda Publications (P) Ltd.
5. Verma, A.P. (2000). *Quatitative Techniques*. (1st ed.). New Delhi: Asian book (p) Ltd.

Core – VII: DEVELOPMENT ECONOMICS – II
Sub. Code: PF2023

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

To study the economic development of developing countries

To analyse the growth and development of the economy

Course Outcome:

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	analyse the economic development and human development	PSO - 6	An
CO - 2	identify the causes of poverty, unemployment and income inequalities	PSO - 2	Re
CO - 3	apply the various theories of development	PSO - 6	Ap
CO - 4	Understand the population policies	PSO - 6	U

Unit – I HUMAN DEVELOPMENT

Meaning – Definition - Components – Human development index – Differences in human development index – Human poverty index – Links between economic growth and human development

Unit – II OBSTACLES TO GROWTH AND HUMAN CAPITAL FORMATION

Poverty – Meaning - Vicious circle of poverty – Factors of rate of capital formation – Population explosion and implosion – Political, administrative and Socio cultural obstacles – Importance and problem of human capital formation

Unit – III UNEMPLOYMENT

Meaning – Types – Classical theory – Keynesian theory – Ingredients of an employment policy – Role of state in economic development – Solution of the Problem of Educated Unemployed.

Unit -IV REGIONAL PLANNING IN INDIA

Meaning – Components – Magnitude of regional imbalances - Regional planning policy in India - Causes of poverty and income inequalities – Policies of reducing poverty and income inequalities

Unit – V POPULATION AND ECONOMIC DEVELOPMENT

Meaning – Population growth trends – Causes of rapid growth of population – Causes of high birth rate – Malthusian theory – Population and economic development – Population policies for developing countries

Reference Books

1. Jhingan. (2012). *The Economics of Development and Planning*. (18th ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K.(1998). *Economics of Development and Planning*. (7th ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12th ed.). Stanford: Stanford University Press.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7th ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurment of Technical Change*. (3rd Editon). Cambridge: Cambridge University Press, Mass.

Core – VIII: RESEARCH METHODOLOGY
Sub. Code: PF2024

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To familiarize the students with methodology of research and its application in Economics.
2. To enable the students to bring out suggestions, possible solutions for Social and Economic problems.

Course Outcome

Co. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO – 1	understand the basic concepts of research	PSO - 1	U
CO – 2	analyse the research problems and the problems of a researcher	PSO - 2	An
CO – 3	identify the methods of data collection	PSO - 4	Re
CO – 4	apply the research design and techniques	PSO - 4	Ap
CO-5	find out the solution to defining the problem	PSO - 2	Re

UNIT-1 NATURE OF SOCIAL SCIENCE AND RESEARCH

Meaning of Research – Objectives of Research – Motivation in Research – Types of Research – Research approaches – Significance of Research- Research Method Vs Methodology – Research and Scientific Method – Criteria of Good Research – Qualities of a good researcher - Problems encountered by Researchers in India.

UNIT-II RESEARCH PROBLEM

Meaning of research problem – Selecting the problem – Necessity of defining the problem – Technique involved in defining a problem - Research Design: Meaning – Need – features – Concepts – Different research designs.

UNIT-III METHODS AND SOURCES OF DATA COLLECTION

Primary Data: Mailed Questionnaire, Schedules, Interview method, observation and case study, Merits and demerits of primary sources.

Secondary Data: Significance of secondary Data – Methods of collection of secondary data - Evaluating secondary Data – Sources of Secondary Data – Merits and demerits of Secondary source.

Sampling: Survey and sampling techniques – Census and sample survey – Steps in sampling design – Criteria for selecting a sample procedure – Methods of sampling.

UNIT-IV FORMULATING AND TESTING OF HYPOTHESIS

Definition of Hypothesis – Characteristics of Hypothesis – Basic concepts concerning Testing of Hypothesis – Procedure for Hypothesis Testing – Flow Diagram for Hypothesis Testing – Test of Hypothesis – Important Parametric Tests: “t” test, “F” test and “Z” test – Chi-square test- Meaning, Characteristics

UNIT-V INTERPRETATION AND REPORT WRITING

Data processing – Tabulation – Editing – Coding – Analysis and Interpretation of data presenting results: Written and oral reports – Stages in drafting written research report – Layout of research report – Foot notes and Bibliography.

Reference Books

1. Kothari, C.R. (2007). *Research Methodology, Methods and Techniques*. (6th ed.). New age international publishers.
2. Sadhu, A.N., & Singh. (1988). *Research Methodology Social Sciences*. (2nd ed.). Bombay, Himalaya publishing house.
3. Ghosh, B.N. (1992). *Scientific Method and Social Research*. (1st ed.). Sterling Publishers (p) Ltd.
4. Kurien, G.T. (1985). *A guide to Research in Economics*. (1st ed.). Rainbow publications.
5. Krishnaswami, O.R. (1998). *Methodology of Research in Social Sciences*. (4th ed.). Bombay: Himalaya publishing house.

Semester - II
Elective II – (a): HUMAN RESOURCE MANAGEMENT
Sub. Code: PF2025

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To enable the students to learn the principles and practices of developing human resources.
2. To enable the students to acquire skills needed for career.

Course Outcome

sCo. No	Upon completion of M.A. Economics, the graduates will be able to :	PSO addressed	CL
CO - 1	understand the basic concepts and objectives of HRM	PSO - 1	Un
CO - 2	Apply the plans of solving the Human Resource Problems	PSO - 2	Ap
CO - 3	Analyze the problems of HRP and Trade union	PSO - 2	An
CO - 4	Evaluate the need and importance of HRM	PSO - 1	Ev
CO - 5	identify the Employees benefit acts	PSO - 6	Ap

UNIT - I -Introduction

Introduction to Human Resource Management – Definition - Objectives and functions of HRM – Evolution –Qualities of HR manager -Role of organizations in changing technologies – Its implications on HRM - HRM in India.

UNIT - II -Human Resource Planning

Human Resource Planning – Concept, Objectives – Need and importance – Process and analyzing Organizational plan & Manpower forecasting – Quantitative and Qualitative aspects, Levels of HRP – National, Sectoral, Industrial and unit level problems of HRP – Guidelines of HRP.

UNIT - III -Recruitment, Screening and Selection

Recruitment –objectives, Planning Internal and External influences, jobs, specification & Job Description – Sources.

Screening: Process – Elimination of ineligible applicants – Application blanks – Preliminary testing – Screening interviews.

Selection: Instruments of Selection – Interview - Group Discussion – Reference checks and recommendations – Physical examination – Selection and placements.

UNIT – IV- Human Resource Management

Trade unions -Trade Union Movement in India – Organization structure in India – Problem - Strategic Management: Nature and Process-Environmental Planning-Strategy Formulation, Strategy implementation and Strategy Evaluation-Importance.

UNIT - V -Social Security and Employee Benefits

Introduction and Types – Social Security in India – Workman’s Compensation Act – ESI Act – Maternity Benefits Act – Employees Provident Funds and Miscellaneous Provisions Act – Group Life Insurance-Employee Benefits: Meaning and Definition-services-types and Significance.

Reference Books

1. Prasad, L.M. (2005). *Human Resource Management*. (2nd ed.). New Delhi: Sultan Chand Publishers.
2. Aswathappa, (2005). *Human resources and personal Management*. (2nd ed.). Tata McGraw. New Delhi: Hill publishing co Ltd.
3. Chhabra, T.N. (2005). *Human Resource Management*. New Delhi: Gagan Kapur for Dhanpatrai &Co (p) Ltd.
4. Gupta, C.B. (1996). *Human Resource Management*. (2nd ed.). New Delhi: Sultan Chand & Sons.
5. Robert Mathias, L. & Jackson, H. (2004). *Human Management*. (1st ed.). Singapore: Thomason publishers.

Semester III
Core IX: Advanced Macro Economics
Sub. Code: PF2031

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To develop an analytical framework in order to understand the inter linkages among the crucial macro-economics variables and various segments of an economy.
2. To analyse the implications of changes in policy measures for business and the economy.

Course Outcome

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Evaluate the National Income Accounting	PSO – 3	An
CO – 2	Apply the circular flow in a three-sector closed economy and four sector closed economy	PSO - 3	Ap
CO – 3	List out the types of investment	PSO - 7	Re
CO – 4	Examine the Macro Economic policy applied in the Indian Economy	PSO – 3	An

Unit I: National Income

Concept - Micro-Macro relations – Stock and flow relationships – National Income and social Accounting – Measurement and problems in National Income Accounting – Circular flow of Income and expenditure – Circular flow in a three sector closed economy - Circular flow in a four sector open economy.

Unit II : Consumption Function and Keynesian Approach

Meaning – Average Propensity to Consume and Marginal Propensity to Consume – Determinants of consumption function – Measures to raise the propensity to consume - Theories of Consumption Function: the relative income hypothesis, the permanent income hypothesis, the absolute income hypothesis and Life cycle hypothesis - Keynes' Psychological Law of Consumption Function.

Unit III: Investment Function and Multiplier

Meaning of Capital and Investment: Types of Investment: Induced vs Autonomous: Determinants of Investment: The Marginal Efficiency of Investment (MEI): Relation between the MEC (Central Stock) and the MEI (Investment): Factors other than the Interest Rate Affecting Inducement to Invest. Multiplier –Balanced Budget Multiplier – Foreign Trade Multiplier – Super Multiplier.

Unit IV: Theories of Interest

General Equilibrium Model in Two Sector System – the Real Market, the Money Market
Elasticity of the LM function; General Equilibrium; The Interaction of IS and LM Functions.
Effectiveness of Monetary and Fiscal Policies – Milton Friedman Approach – (i) The Keynesian
Range (ii) The Classical Range (iii) The Intermediate Range; Weakness of the IS – LM Model.

Unit V: Trade Cycle and Macro Economic Policy

Meaning; Types of trade cycles; Phases of a Trade cycle; Schumpeter's Theory of
Innovations; Keynesian Theory of the Trade cycle - Theory of Modern Trade Cycle: Samuelson's
Model of the Trade cycle; Hick's Model of the Trade cycle; Kaldor's Model of the Trade cycle –
Objectives and Limitation of Macro Economic Policy.

Reference Books

1. Rana, K.C. & Varma K. N. (2007). *Macro Economics Analysis*. (8th ed.). Jalandhar: Vishal Publishing Co.
2. Mithani, D.M. (1980). *Macro Economics*. (4th ed.). New Delhi: Oxford & IBH publishing Co.
3. Gupta, R.D. (2013). *Keynes and Post Keynesian Economics*. Kalyani publishers.
4. Seth M.L. (1983). *Macro Economics*. (13th ed.). Lakshmi Narain Agarwal Educational Publishers.
5. Shapiro E. (1996). *Macro Economic Analysis*. (1st ed.). New Delhi: Galgotia Publications.

Semester III
Core X: International Economics
Sub. Code: PF2032

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To enable the students to gain knowledge about the different aspects of foreign trade, procedure and its significance at the international level.
2. To create awareness among the students about world trade and economy.

Course Outcome

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Develop a systematic understanding about to the international trade	PSO - 5	An
CO – 2	Develop knowledge on inter – regional and foreign trade	PSO - 5	An
CO – 3	Apply the theories of international trade	PSO – 5	Ap
CO – 4	Identify the various document used in foreign trade	PSO - 12	Re
CO – 5	Distinguish between internal and international trade	PSO - 5	An

Unit I: Theories of International Trade

Theories of International trade: Importance of International Trade - Classical Theory of International Trade and Modern theory of International Trade, Stolper – Samuelson theorem – Rybczynski Theorem of Immiserising growth – Paul group men theory

Unit II: Gains and Terms of Trade

Gains from Trade – Meaning, Potential and actual gain from International Trade, Measurement, and factors determining the gains from trade, Static and dynamic gains from trade - Terms of Trade: Types, determinants, factors affecting terms of trade – Terms of trade and Economic development - Exchange controls: Meaning, Features, Objectives and Methods of Exchange Control, merits and demerits.

Unit III: Foreign Trade in India

Foreign Trade – Volume of trade, Composition of trade, Direction of trade. Structural changes in India's foreign trade- India's Foreign Trade Policy – Letters of credit: Types and Operations – Documents used in Foreign Trade - Export credit Insurance – Export Promotion- Exim Bank.-Objectives and Functions.

Unit IV: Balance of Payment and Exchange Rate

Balance of Payment: meaning, structure of Balance of Payment Account, measuring deficit or surplus in Balance of Payment, Balance of trade and Balance of Payment, Disequilibrium in Balance of Payment Adjustment mechanism: Automatic Price Adjustments under Gold Standard, Automatic Price Adjustments under flexible Exchange Rates, Types of foreign trade, -Foreign Exchange Risk- Currency Derivatives-Futures Options-HEDGING & Speculation.

Unit V: International Trade Organizations

IMF – IBRD — GATT – UNCTAD- WTO- Objectives and Functions –Regional Blocs - SAARC - NATO–EU-ASEAN&BRICS- NIEO & International Trade.

Reference Books

1. Jhingan, M.L. (2000). *International Economics*. (6th ed.). New Delhi, Vrindha Publication Pvt Ltd.
2. Gupta, K.R. (1972). *International Economics*. (6th ed.). Delhi: Atma Ram & Sons.
3. Francis Cherunilum. (2006). *International Economics*. (5th ed.). Tata Mc Graw, Hill Publishing Company Ltd.
4. Desai, S.S.m. (1995). *International Economics*. (3rd ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4th ed.). Mumbai: Himalaya Publishing House.

Semester III
Core XI: Entrepreneurial Development
Sub. Code: PF2033

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To educate and develop the business students with the aptitude of Entrepreneurial Qualities.
2. To provide exposure to the students to the entrepreneurial culture and industrial growth so as to prepare them to setup and manage their own small units.

Course Outcome

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Develop conceptual business knowledge to solve practical decision making problems	PSO - 5	An
CO – 2	Apply the theories to major areas of study	PSO - 3	Ap
CO – 3	Understand the impact of globalization on enterprise	PSO - 8	U
CO – 4	Explain the Role of rural and women Entrepreneurship	PSO – 6	U
CO – 5	Identify the need for financial planning	PSO – 9	Re

Unit I: Introduction

Entrepreneurship- Definition & Characteristics -Types of entrepreneur- Entrepreneurship and Economic Development – Role of Entrepreneurship in Rural Development– Rural Entrepreneurship: Meaning – Need – Problems—Women Entrepreneurship: Evolution, Meaning and Problems-Recent Trends.

Unit II: Entrepreneurial Management and Motivation

Entrepreneurial Management in existing business, Entrepreneurial policies and practices, measuring innovative performance, Structures and staffing - Entrepreneurship in a new venture – Entrepreneurial strategies, Sources of innovation - Principles of innovation - Entrepreneurship in the service institution- The motivational factors, Entrepreneurial ambitions, compelling factors, Facilitating factors, Theories of motivation.

Unit III: Ownership Structures and Financing of Enterprise

Sole proprietorship, Partnership, Joint stock Company, Private Company Vs Public Company - Factors influencing the choice of the organization – Need for Financial planning- Sources-Capital Structure-Term loans.

Unit IV: Project Formulation

Meaning - Identification- Selection - Project Formulation Meaning and Significance - Contents of a Project Proposal - Preparation of a model project proposal.

Unit V: Skill Development

Steps to start a business- Link with SHG –Production of a Product – Training by SHG – Sales Techniques – Marketing of the product

Reference Books

1. Suri, R.K., & Seema. (2007). *Entrepreneurial Development*. (4th ed.). Allahabad: Kilab Mahal.
2. Gupta, G.D. & Srinivasan S.N.P. (2010). *Entrepreneurial Development*. (1st ed.). New Delhi: Sultan Chand & Sons.
3. Saravanavel, P. (1991). *Entrepreneurial Development*. (1st ed.). Mount Road, Madras: Ess Pee Key Publishing House.
4. Khanka, S.S & Chand S. (1999). *Entrepreneurial Development*. (1st ed.). Ram Nagar, New Delhi: Chand & Company Ltd.
5. Ranbir Singh. (2012). *Entrepreneurship Development*. (1st ed.). S.K. Kataria & Sons Publishers.

Semester-III
Elective III (a): AGRICULTURAL ECONOMICS
Sub.Code:PF2034

No. of Hours Per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To create awareness among the students about Agriculture.
2. To Enable the students to gain knowledge about the different aspects of Agricultural Finance and Capital.

Course Outcome

Co.No	Course Outcomes	PSO addressed	CL
CO-1	Develop the relationship between agriculture and Industry	PSO - 5	An
CO-2	Understand the different trends of agricultural productivity	PSO - 5	U
CO-3	Identify the problems of agricultural labours	PSO – 5	Re
CO-4	Explain agricultural finance and agricultural policy	PSO - 12	U

Unit-I Introduction

Scope and Significance of Agriculture-Agriculture and Industry-A Comparison –Role of Agriculture in India’s Development-Inter- Sectoral Linkage –An Overview.

Unit-II Agricultural Production and Productivity

Production Function Analysis and its relevance to Farm Production -Productivity Trends in India; Low Production and Productivity; Causes and Consequences –Efficiency relations in Indian agriculture-Role of Technology in Agriculture-Structural Changes in Indian Agriculture and its Recent Trends.

Unit-III Agricultural Labour

Agricultural Labour: Types –Supply of Labour-Problems-Rural Unemployment; Types, Consequences and remedial measures-Minimum wages for agricultural workers-An evaluation - Recent Wage and Self –Employment Programmes.

Unit-IV Agricultural Credit System

Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance –Co-operatives in Rural Finance-Role of Commercial Banks and NABARD in Rural Finance –Farm Capital –Meaning, Types and Marginal Efficiency of Farm Capital and Capital Formation in Agriculture.

Unit-V Agricultural policy

Agricultural Price Policy-Objectives, Instruments and Impact –Minimum Support Price and Procurement Price -Economic Reforms and Agricultural Policy - WTO and Indian Agriculture - Opportunities & Impact -Agricultural Taxation and its relevance.

Reference Books

1. Hunumantha Rao C.H (1975), Technological Changes and distribution of gains in India agriculture , New Delhi , Macmillan, New Delhi.
2. Ruddar Datt and K.P.M.Sundharam (2001), Indian Economy, S.Chandand Ltd., Ram Nagar, New Delhi.
3. Ashok Rudra (1982), Indian Agricultural Economics: Myths and Realities, New Delhi Allied Publishers.
4. Dantwala M.L (1991), Indian Agricultural Development since Independence, New Delhi, Oxford and IBH Publishingvat Company private limited.
5. Vasant Desai.B.P (1996), Agricultural Economics, Rural Development, Meerut, Jai Prakash North.

Semester III
Elective III (b): Financial Economics
Sub. Code: PF2035

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To provide knowledge and concept of retail management
2. To create awareness about the retail marketing among the consumers.

Course Outcome

Co. No	Upon completion of M.A. degree programme, the postgraduates will be able to :	PSO addressed	CL
CO - 1	understand the importance of Financial Market System	PSO – 1	U
CO – 2	apply the various policies of Interest Rate	PSO – 12	Ap
CO – 3	analyse the measures Taken for the Economic Development	PSO – 3	An
CO - 4	understand the situation of Capital and Money Market	PSO – 9	U
CO - 5	analyse the role of monetary institution at the international level	PSO – 3	An

Unit I: Nature and Role of Financial System

Money and finance – Money and near money – Financial intermediation and financial intermediaries – The structure of the financial system – Functions of the financial sector - Indicators of financial development – Equilibrium in financial markets – Financial system and economic development – Criteria to evaluate assets : Risk and financial assets – Types of risk – Return on assets, Risk – Return Trade off.

Unit II: Structure of Interest Rates

Theories of interest rate determination – Level of interest rates – Long period and short period rates – Term structure of interest rates – Spread between lending and deposit rates – Administered interest rates – Appropriate interest rate policy.

Unit III: Non- Bank Financial Intermediaries

Definition and types of non – Bank financial institutions: Their growth and impact on India's economic development, Measures taken to control their operations.

Unit IV: Financial Markets

Role and structure of money market and capital market – Call money market -Treasury bill market, Commercial bill market. Derivatives: Types, uses and pricing of derivatives – SEBI: Its impact on the working of capital market in India.

Unit V: International Financial Markets

Risk heading and futures in institutions – International liquidity – Reforms in international monetary system for developing countries – Lending operation of World Bank and its affiliates – Working of IDA and IFC – Growth of regional financial institutions – Asian Development Bank and its lending activities – Asian Development Bank and India – Euro - dollar and Euro - Currency markets: Developmental- Role and regulation at the international level.

References Books

1. Shakila Banu, M.A. (2011). *Finance and Securities Market in India*. Delhi: Abhijeet Publications.
2. Bhole & Jitendra Mahakud, L.M. (2009). *Financial Institutions and Markets*. (5th ed.). New Delhi: Tata McGraw – Hill Education Private Limited.
3. Stephen F. Leroy & Jan Werner, (2014). *Principles of financial economics*. (2nd ed.). Cambridge University Press.
4. Frank J. Fabozzi, & Edwin, H. (2012). *Financial Economics*. United States of America.
5. Vasant Desai. (2012). *The Indian financial system and financial market operation*. Himalaya Publishing House.

Semester III
Elective-III (c)
MANAGERIAL ECONOMICS
Sub. Code: PF2036

No. of Hours/ Week	No. of Credit	Total No. of Hours	Marks
6	4	90	100

OBJECTIVES

1. To enable the students to relate their acquired knowledge of the firm, and in particular managerial economics in shaping their own management practices when they take up managerial responsibilities in the near future.
2. **To improve management decision making in the context of a firm or organization.**

Course Outcome

Co. No	Upon completion of M.A. degree programme, the post graduates will be able to :	PSO addressed	CL
CO - 1	understand the concept of Managerial Economics	PSO – 4	U
CO – 2	apply the various demand analysis	PSO – 4	Ap
CO – 3	Understand the different types of forecasting	PSO – 6	U
CO - 4	understand the cost control and analysis	PSO – 2	U
CO - 5	analyse the various market Structure	PSO – 1	An

UNIT–I Scope and Definition of Managerial Economics

Meaning; Economic Theory and Managerial Theory; nature, Scope and subject matter of Managerial Economics; Relation to other branches of knowledge, methods of Managerial Economics; Role of Managerial Economist in Business Decision making; role and responsibilities of Managerial Economist.

Unit – II Demand Analysis and Elasticity of Demand

Meaning and types of demand; individual's and market demand schedule and curve; changes in demand; law of demand; Demand Determinants; Elasticity of demand - Price Elasticity of Demand; Income elasticity of Demand; Advertising Elasticity of Demand, Cross Elasticity of Demand – Importance of Elasticity of Demand in Management – Application of Elasticity in Managerial Decision

Unit – III Demand, Price and Profit Forecasting

Demand Forecasting: Meaning and types of Demand forecasting; Forecasting demand for new product; Determinants for Demand forecast; Methods of Demand Forecasting; Criteria of a Good Forecasting method.

Price Forecasting: Types of Price Forecasting; Demand-supply conditions and price forecasting; Impact of nature of commodity and market conditions.

Profit Forecasting: Meaning; Profit forecast and Profit Improvement Plan; Methods of Profit Forecasting.

Unit – IV Cost Analysis

Cost concepts; Cost function; cost-output relationship in short run and long run cost analysis - Cost control: Meaning; Aspects of cost control and advantages of cost control; Areas of cost control; Tools of cost control; Techniques of cost control – Factors hampering cost control in India - Cost reduction: Meaning; Techniques of cost reduction.

Unit – V Price and output Decisions under different Market Structure

Features and Price determination under Perfect competition; Monopoly – Features, causes, Kinds and price determination under monopoly – Discriminating monopoly – Monopolistic competition – Oligopoly and Price rigidity – Price Leadership.

Reference Book:

1. M.L. Jhingan & J.K. Stephen- “Managerial Economics”
2. P.L. Mehta - “Managerial Economics – Analysis, Problems & Cases”
3. R. L. Varshney & K.L. Maheshwari - “Managerial Economics”

Semester - IV
Core XII: MONETARY ECONOMICS
Sub. Code: PF2041

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To gain sound knowledge in monetary theories and banking practices.
2. To provide a strong knowledge based on India's monetary problems.

Course outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO – 1	Understand the concepts of Banking	PSO – 8	U
CO – 2	Evaluate the various approaches to money	PSO - 8	An
CO – 3	Analyse the measures of money supply	PSO - 8	An
CO – 4	Develop knowledge on recent trends on Banking system	PSO – 8 PSO - 5	An
CO – 5	Identify the difference between money market and capital market	PSO - 8	Re

UNIT-I-Monetary Theories

The Role Money in an Economy – Fisher's Quantity Theory - Cambridge Cash Balance Approach - Keynesian Theory - Modern Quantity Theory; Friedman's Approach – Don Patinkin's Theory - Inventory Theory of Money (Baumol)

UNIT – II – Money Supply

Definitions of Money supply - High Powered Money – Money Multiplier Process - Determinants of Money supply –Measures of money supply- Composition of Money Supply in India-Elasticity of Money Supply.

UNIT – III -Central Banking System

Definition - Role of Central Banks - Development and Promotional Functions - Credit control Methods –RBI: Organisational structure and management - Role, objectives and Functions – RBI and Agricultural and industrial Finance – RBI and Bill market scheme – Exchange control Management by RBI.

UNIT – IV- Monetary Policy

Role of Monetary Policy in Economic Development – Objectives of Monetary Policy, Trade off, Targets and Indicators of Monetary Policy – Instruments of Monetary Policy – Expansionary Monetary Policy – Contractionary Monetary Policy.

UNIT – V -Banking System and Financial Reforms

Recent Trends in Indian Banking System: Social Banking; Innovative Banking; Deposit Insurance Corporation & Payment Banking System; Defects of Indian Banking System; Suggestions to improve working of banking system; Recent Banking Reforms. Financial Reforms in India: Banking Sector reforms; Money Market Reforms; Capital Market Reforms.

Reference Books

1. Suraj, B. & Gupta. (1988). *Monetary Economics*. (5th ed.). New Delhi: S.Chand &Company Pvt Ltd,
2. Devairakkam, S. (2001). *Monetary Economics*. (8th ed.). D.S.R.Publications.
3. Cauvery, R. & Manimekalai, A. (2003). *Monetary Economics*. (2nd ed.). New Delhi: S.Chand &Company Pvt Ltd.
4. Jhingan, M.L. (2006). *Monetary Economics*. (7th ed.). New Delhi: Vrinda Publications (p) Ltd.
5. Sankaran, (2013). *Monetary Economics*. (2nd ed.). Margham Publications

Semester - IV
Core XIII: ENVIRONMENTAL ECONOMICS
Sub. Code: PF2042

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To enable students acquire knowledge about the Theory of environmental economics.
2. To impart the students to overcome the environmental problems.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Define environmental economics including environment conservation of resources pollution	PSO - 2	Re
CO – 2	Develop knowledge on Environmental laws in India	PSO - 2	An
CO – 3	Examine the regulation and prohibition taxes	PSO – 2 PSO - 8	An
CO – 4	Identify the various pollution problems	PSO - 2	Re
CO - 5	Understand the public awareness on environment	PSO - 2	U
CO – 6	Identify the imperfect market problems	PSO - 1	Re

UNIT 1 Introduction

Definition-Scope-Economics and Environment – Role of environment in Economic Development -Material Balance model-basic theory of Environmental Economics : Market failure and externality- Pareto criterion –Pigovian analysis Imperfect market problems - Kaldor - Hicks compensation Principle – Coase Theorems-Tragedy of commons.

UNIT II Conservation and Collective Environmental Action

Definition and Meaning-Methods of conservation-Material substitution-Product life extension-Recycling-Optimum recycling-Recycling and Carbon Taxes- Integrated Waste Management System. The collective environmental action : Regulation and prohibition Taxes, subsidies and effluent charges – Global warming – Ozone Depletion – Green House effect.

UNIT III Environmental Pollution

Urbanization and environmental problems - Environmental pollution- Air Pollution: causes-effects and control measures- Water Pollution : sources-effects-control of water pollution- Noise Pollution : sources-effects-control of noise pollution– E-Waste-Deforestation- Causes and Consequences.

UNIT: IV Cost - Benefit Analysis

Cost - Benefit Analysis-meaning and steps – Nature of costs- benefits in controlling pollution- Efficiency in pollution control-Property Price Approach -Advantages and limitations of cost benefit analysis- environmental quality as a public good-Environmental quality and Economic development-Limited assimilative capacity of environment.

UNIT V Environmental Policies in India

Environmental Laws in India – The motor vehicles act,2020 - The factories Act1948-The water act(1974)-The air act(1981) - Policies of pollution control -Policy instruments for environmental protection– Law and environment- Tiwari committee(1980)- Kashthoori Rangan Committee (2020) - EIA (2020)-The Recycled plastics manufacture and usage (Amendment Act) 2003 - Sustainable Development Goals(SDGs) -environmental education-Aim-principles- Public awareness.

Reference Books

1. Karpagam, M. (2014). *Environmental Economics*. (1st ed.). Sterling Publishers Private Ltd.
2. Eugene, T. (2004). *Environmental Economics*. (1st ed.). Vrindha publications (p) Ltd.
3. Sankaran, S. (2012). *Environmental Economics*. (5th ed.). Chennai: Margham publications.
4. Jhingan, M.L., Chandor, K., & Sharma, (2012). *Environmental Economics*. (2nd ed.). New Delhi: Vrinda publications.
5. Singh, S.R. (2012). *Environmental Economics*. (1st ed.). New Delhi: APH Publishing Corporation.

Semester - IV
Core XIV: INDUSTRIAL ECONOMICS
Sub. Code: PF2043

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To understand the legislations, finance and decisions related to industries.
2. To create an awareness of the various factors for the industrial development.

Course Outcomes

Co.No	Course Outcomes	PSO addressed	CL
CO - 1	Apply some of the theories of optimum firm	PSO – 3 PSO - 1	Ap
CO – 2	Develop knowledge on small scale sector policy	PSO - 5	An
CO – 3	Analyze major issues in information technology	PSO – 5 PSO - 8	An
CO – 4	Apply the role of SSI in Indian Economy	PSO – 5 PSO - 8	Ap
CO – 5	Identify the methods of inventory management	PSO - 5	Re

UNIT-I THEORIES AND POLICIES OF THE FIRM

Objectives of the Firm: Theories-Behavioral Theories Optimum firm- Representation firm-Equilibrium firm, Large and Small firms factors determining optimum size: Pricing policies and practices- Theories of industrial location – Weber and sargeant Florence, Factors influencing location.

s

UNIT –II INDUSTRIAL POLICIES AND LEGISLATIONS

Objectives of Industrial Policies - Indian Companies Act 1956 and its Recent amendments - FEMA-protection to Indian Industries –Small Scale Enterprises –Role of SSI in Indian Economy- Problems and Government Measures –Small Scale Sector Policy -Laws relating to industrial relation and development in India.(EPZ, SEZ, Techno Parks and Industrial Corridor)

UNIT –III INDUSTRIAL

PRODUCTIVITY

Measurement of Industrial Productivity – Labour – Capital – Scientific management: Bureaucratic model -Administrative model-Taylor Vs Fayol in management evaluation-Taylor's principles of management- Rationalization –Automation.

UNIT-IV INVESTMENT DECISION

Analysis and Interpretation of financial statements –Fund flow statement and cash flow statement – Inventory Management –Methods of inventory management: LIFO, FIFO, ABC analysis and EOQ.

UNIT - V GROWTH OF MAJOR INDUSTRIES IN INDIA

Factors contributing to Industrial development - Iron and steel ,Cotton Textiles, jute, sugar and Cement – Growth and problems of major industries in India – IT and ITES Industry –Knowledge economy – Major issues in information technology – Growth and the present state of IT industry in India.

Reference Books

1. Shivabhushan Gupta, (2016). *Industrial Economics*. (1st ed.). SBPD publications.
2. Barthwal, R.R. (1994). *Industrial Economics*.(1st ed.). New Age International Publishers.
3. Francis Cherunilum, (1989). *Industrial Economics*. (1st ed.). Himalaya Publishing House.
4. Gupta C.P. (2011). *Business Organisation & Management*. (1st ed.). New Delhi: Sultan Chand & Sons.
5. Roger Clarke, G. (1991). *Industrial Economics*. (1st ed.). Wiley Blackwell publishers.

Semester - IV
Core XV: PUBLIC ECONOMICS
Sub. Code: PF2044

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	90	100

Objectives

1. To know the role of Government for the development of the economy.
2. To impart knowledge to the students regarding professional ethics.

Course Outcomes

sCo. No	Course Outcomes	PSO addressed	CL
CO – 1	Develop a systematic under related to the concept of public economics	PSO - 8	An
CO - 2	Understand the expenditure, revenue, dept, of a public	PSO - 8	U
CO – 3	Develop knowledge on public budget and federal finance	PSO - 8	An
CO – 4	Distinguish the differences of the financial relationship between the centre and states in India	PSO – 8 PSO - 5	An
CO – 5	Identify the downfall of deficit financing	PSO - 8	Re

UNIT-I Public Finance

Meaning, Concept, nature, scope and subject matter of Public Finance – Public Finance and Private Finance – Importance of Public Finance – Principles of Public Finance: Principle of Maximum Social Advantage – Theories of Public Goods: Musgrave’s view; Mrs. Hick’s view; Tests of Maximum Social Advantage

UNIT-II Public Revenue

Meaning and significance of public Revenue; Sources and Classification of Public Revenue – Taxation – meaning; characteristics; objectives; canons and elements of Good Taxation - Kinds of taxes: Direct and Indirect Taxes, Value Added Tax (VAT) its advantages and disadvantages –GST- Effects of Taxation .Public Revenue and its Recent Trends.

UNIT-III Public Expenditure

Meaning and scope of Public Expenditure; Role and Objectives of Public Expenditure Principles, Classifications and effects of Public Expenditure – Growth of Public expenditure and Recent Trends in India: Reasons for the growth of Public expenditure - Wagner’s views on publ expenditure; Wiseman Peacock Hypothesis - Pure Theory of Public Expenditure.

UNIT-IV Public Debt and Deficit Financing

Meaning and causes; Private and Public Debt; Internal and external debt; Classification and Effects of Public Debt; Disadvantages of public debt – Public debt Management: Meaning and Principles of Public Debt Management – Disadvantages of Public Deb.

Deficit Financing: Meaning, Objectives and effects of deficit financing; Role of deficit financing in promoting economic development of a country; Limits and evil effects of deficit financing; Measures to check adverse effects of deficit financing-FRBM Act in India.

UNIT-V Public Budget and Federal Finance

Meaning and definition of Budget; Characteristics, Objectives and Classification of Public Budget; Principles and Importance of Budgeting; Budgetary Procedure in India - Scope of performance budgeting in India – Zero Base Budgeting – Current Year Budget - Federal Finance: Centre and the States financial relation in India-14th Finance Commission and its Recommendations.

Reference Books

1. Agarwal, R. (2002). *Public Finance*. (4th ed.). Agra: Lakshmi Narain Agarwal Publishers.
2. Tyagai, (2004). *Public Finance*. (4th ed.). (4th Edition). Meerut: Jai prakash Nath and Company.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1st ed.). Meerut: Lakshmi Narain Agarwal Publishers.
4. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5th ed.). Tokyo: Mcgraw Hill Publishers.
5. Hajela, T.N. (2010). *Public Finance*. (4thed.). Ane Books Pvt Ltd.

SEMESTER IV
ELECTIVE IV (a): RURAL DEVELOPMENT
Sub. Code: PF2045

No. of Hours per Week	No. of Credit	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To understand the rural poverty, indebtedness and special programme for rural development.
2. To improve sustainability in rural development.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Describe the importance of rural development	PSO - 12	U
CO - 2	Identify the present problems of Rural industries	PSO - 11	Re
CO - 3	Analyse the causes and remedies of rural poverty	PSO - 2	An
CO - 4	Understand the role of SHG's in rural development	PSO - 12	U
CO - 5	Explain the Employment Guarantee Schemes and Rural Development programme	PSO - 12	U
CO - 6	Identify the current problems of Rural and regulated marketing	PSO - 11	Re

UNIT-I Introduction

Introduction – Nature of rural economy – Concept of rural development – Scope and importance of rural development – V.M. Dandekar's approach to rural development – Dimensions of rural Development: Irrigation – Agrarian reforms – Rural Electrification – Rural transport.

Unit – II Rural Industries

Non – Farm Economy in Rural areas : Concepts and definitions of rural industries – Need and economic significance of rural industries – Current trends of KVI – Rural industries and employment generation – Rural industries and poverty alleviation – Role of KVIC in the development of rural industries –Development of Rural industries in the post liberalization period. Recent problems of rural industries in India- Remedies.

Unit – III Poverty and Unemployment

Poverty and Unemployment – Rural poverty: Nature, causes and remedies – Rural employment: Nature, causes and remedies – Rural indebtedness- Magnitude causes and Relief measures – Role of SHGs and Micro Finance in the context of Rural Development.

Unit – IV Schemes and Programmes of Rural Development

Objectives and Assessment – National Food for Works Programme – The Employment Assurance Schemes – Small Farmers Development Agency – Marginal farmers and agricultural labour – Khadi and Village Industries Development Schemes – Pradhan Mantri Fasal Bima Yojana – Rajeev Gandhi Grameen Vidyutikaram Yojana – The unorganized worker's social security act – Swarn Jayanti Gram Swarozgar Yojana – Mahatma Gandhi National Rural Employment Guarantee Scheme

Unit – V Rural Marketing

Rural Marketing – Marketing of rural products – Nature of rural marketing – Importance of rural marketing – Scientific marketing system – Recent trends in rural marketing in India – Current problems of rural marketing – Suggestions for improving rural marketing – Regulated market: Objectives – Features – Benefits – Problems and remedies of regulated marketing in India-Green Marketing in Rural Areas.

Reference Books

1. Shakuntala Devi, (1996). *Rural Credit and Agricultural Development*, New Delhi: Scrap & Sons.
2. Singh & Katar, (1999), *Rural Development – Principles, Policies and Management*, New Delhi: Sage Publication.
3. Lalitha, (2004), *Rural Development in India: Emerging Issues and Trends*, New Delhi: Vedams Publication.
4. Behera, M.C. (2004), *Globalization and Rural Development: Understanding New Development*, New Delhi: Vedams Publication.
5. Soundarapandian, (2004), *Rural Industries in India*, New Delhi: Mohit Publication.

Semester IV
Elective IV (b): Demography
Sub. Code: PF2046

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To know India's demographic conditions and population policy.
2. To develop gender based education with professional ethics.

Course Outcome

Co. No	Upon completion of M.A. degree programme, the post graduates will be able to :	PSO addressed	CL
CO - 1	understand and measures the fertility rate	PSO - 1	U
CO - 2	identify the impact of population growth and adopt the female participation in work force	PSO - 8	An
CO – 3	understand the basic concepts and definitions	PSO - 1	U
CO – 4	apply the theories and quantitative analysis to major areas of study within the discipline	PSO - 3	Ap

Unit I: Introduction

Mortality Measures – Grade and specific rates, Life tables – Factors effecting morality - Morality change and population growth. Fertility measures – Crude and specific rates, gross and non – reproductive rates, Factors affecting fertility – Study of fertility – attitude by special survey Mortality rate, fertility rate, reproductive rate and population growth in India.

Unit II: Composition of Population

Composition of population social economic composition - Relationship of age, sex and other compositional traits for economic and special organization- Composition of population in India. Effects of birth death rate and migration rate upon population.

Unit III: Population Growth

Basic principles of measurement of population growth – Estimates, census, vital registers and records of migration continuous population registration – Methods of population presentation- projection of population in India.

Unit IV: Demography Composition

Economically active population – Basic concept and definition – Impacts of demographic process on the composition and size of the labour force, Occupational and industrial composition of work force in relation to regional and international differences in economic development. Female participation in work force. A study of occupation, composition and female participation in India. Concept of Human Development.

Unit V: Implication of Population

Theories of demographic transition, Employment and manpower planning – Its significance and problems Measurement, incidence and implications of unemployment and underemployment with special reference to India. Implication of population changes for capital formation and employment in development in developing countries. Indian Census utility planning. NFH surveys

Reference Books

1. Asha, A. Bhende Tara Kanitkar. (2003). *Principles of Population Studies*. (16th ed.). Mumbai: Himalaya Publishing House.
2. Majumdar, P.K. (2013). *India's Demography*. Jaipur: Rawat Publications.
3. Samir Dasgupta. (2011). *Social Demography*. Pearson Publications.
4. Rajendran K. Sharma. (2007). *Demography and Population Problems*. Atlantic Publications.
5. Ram, F. (2011). *Population, Gender and Reproductive Health*. Jaipur: Rawat Publications.

Semester IV
Elective IV (c): Computer Applications in Economics
Sub. Code: PF2047

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	4	90	100

Objectives

1. To introduce the concepts of Information Technology
2. To educate the students to improve the skills towards career prospects.
- 3.

Course Outcomes

Co. No	Course Outcomes	PSO addressed	CL
CO - 1	Identify applications of computer	PSO – 5	Re
CO – 2	Differentiate between input and output devices	PSO – 5	An
CO – 3	Detect utilities and elements of operating system	PSO – 5	An
CO - 4	Explain how to create document save and print a document	PSO – 5	U

Unit I: Fundamentals of Computer

History of computer - Definition of Computer – Types of computer –Generations of a computer- Applications of a computer – Computer as information system-Memory and types of memory- Characteristics of computers – Basic components of computer - Input-output devices- Computer and business.

Unit II: Software Concepts

Hardware and Software – Software concepts, Types of software system/application - Software needs, Role of a system software, Different system software, Utilities and elements of OS, Assemblers, Compilers, Interpreters, Computer languages, Generation of languages, Booting process, Types of Data processing, Batch processing, Online processing Distributed data processing - dos and windows.

Unit III: M.S - Office

Ms-Word: Creating document – Saving, printing a document. Finding and replacing a text – Styles – Header, Footers page formatting, Mail merge. Ms-Excel: Introduction – Creating spreadsheet & workbook –Entering Data– Copying and Moving Entries –Data display location – Printing work sheets –Creating Graphs. Ms -PowerPoint: Power point screen – Working with slides –Working with text – Colour schemes – Graphics –Saving and printing – Key board shortcuts.

Unit IV: Operating System and Windows

Operating System - Functions-Types – Dos – UNIX - Windows operating System. Uses of computer networks- Basic Network concepts, Types of networking -LAN, MAN, WAN, advantages of networks. Windows: Meaning - Working of windows - windows explorer - Working of control panel - Desk top in windows.

Unit V: Internet and E-Mail and E-Commerce

Internet – Evolution -Services of internet- Method of connecting- Web site -Getting and proving information from the Internet – Uses of Internet – Protocols of Internet-Intranet- Extranet - Introduction of E-Mail – E-Banking – E-Commerce – Reasons-Features - Importance Types. E-Business (preliminary).

References Books

1. Sinha, P.K. (1992). *Computer Fundamentals*. (1st ed.). New Delhi: BPB Publications.
2. Rajaraman, V. (2011). *Fundamentals of Computers*. (5th ed.). New Delhi: Prentice Hall of India.
3. Giri Courter, & Annette Marguis, (2000). *Micros Office 2000*. (1st ed.). New Delhi: BPB Publications.
4. Ananthi Sheshasaayee, G. (2013). *Computer Applications in Business and Management*. (9th ed.). Chennai: Margam Publication.
5. Rajaraman, V. & Neeharika Adabala. (2014). *Fundamentals of computers*. (6th ed.). New Delhi: PHI learning.

SELF LEARNING COURSE

DEMOGRAPHY

Sub. Code: PF20S1

No. of Credit	Marks
4	100

OBJECTIVES

- To know about India's demographic conditions and population policy.

UNIT - I INTRODUCTION

Nature and scope of population studies - Development of population studies in India – Inter relationship between population studies and other disciplines – Sources of population data: Census, Vital Statistics or Registration of vital events, sample surveys, Dual Report system, population registers, International publications.

UNIT - II MIGRATION AND URBANIZATION

Concepts and types -temporary, Internal and international; Factors affecting migration ;methods of measuring Internal Migration; theories of migration; Urbanisation – growth and distribution of rural-urban population.

UNIT - III DEMOGRAPHIC DATA BASE IN INDIA

Study of Census in India – Methodology and characteristics of census – National Family Health Survey – Population growth rate – Sex ratio – Age structure of population – Life expectancy – Fertility rate – factors affecting fertility –basic measures of fertility.

UNIT-IV POPULATION AND DEVELOPMENT WITH REFERENCE TO INDIA

Population, health, nutrition; population and human development issues; Labour force- Definition of terms and concepts-method of measuring labour force.

UNIT-V POPULATION POLICY IN INDIA

Evolution of population policy in India-methods of conception control Fertility influencing policies - direct and indirect Anti - Natalist policies - Family planning programme - National population policy.

Reference Books

- Principles of Population studies – Asha Bhende & Tara Kanikar
- Indian Population Problems - S.N. Agarwal
- An Introduction to social Demography – M.K. Premi
- Studies in Demography - S.C. Srivastava
- Indian Population in Transition – C.B. Saxena
- Studies in Demography – Aish Bose, P.B. Desai & S.P. Jain

SELF LEARNING COURSE
Semester IV
ECONOMICS OF TOURISM MANAGEMENT
Sub. Code: PF20S2

sNo. of Credit	Marks
3	100

OBJECTIVES

- To provide the students an in-depth view of the fundamentals of tourism.
- To provide an environment and to create an aptitude towards Tourism Research

Unit – I Introduction

Introduction – Objectives – Origin – Elements of Tourism – Basic components of Tourism – Types and Classification of Tourism

.Unit – II Accommodation

Emergence of the Hotel – Types of Hotels – Supplementary Accommodation.

Unit – III Travel Agencies in Tourism

Organizations of Travel agencies – Travel agencies in India

Unit – IV Organisation of Tourism

Need for organization – Factors influencing organization – The National tourist organisation – Tourist organization in India.

Unit – V Indian Tourism Industry

Indian Tourism Industry – Economic gains and social gains – Environmental impact of Tourism.

Reference Books


1. Shashi Prabha Sharma, (2010). Tourism and environment. (2nd Edition). New Delhi, Kanish Publishers, Distributors.
2. Sharma, J.K. (2011). Tourism and Development. (1st Edition). New Delhi, Kanish Publishers, Distributors.
3. Bhatia, (2013). Tourism Development Principles and Practices. (2nd Edition). New Delhi, Sterling Publishers Private Ltd.
4. Julio Aramberri Richard Bulter, (2013). Aspects Tourism Development. (1st Edition). New Delhi, Viva (p) Ltd.
5. Kamra, K. (2013). Economics of Tourism Pricing, Impacts forecasting. (1st Edition). New Delhi, Kanishka publishers.



Employability



Entrepreneurship


DR. S. JENI SANJANA
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil.