

**Holy Cross College (Autonomous), Nagercoil**  
**Nationally Re-Accredited with A<sup>+</sup> (CGPA 3.35) by NAAC (IV Cycle)**  
**Kanyakumari District, Tamilnadu, India.**

Affiliated to  
**Manonmaniam Sundaranar University, Tirunelveli**



**Department of Economics**  
**UG Syllabus**  
**(With effect from the academic year 2020-2021)**  
**Issued from the Deans' Office**

**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.

**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*. (8<sup>th</sup> ed.). Jalandhar: Vishal Publishing Co.
3. Mithani, D.M. (1980). *Macro Economics*. (4<sup>th</sup> 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*. (13<sup>th</sup> ed.). Lakshmi Narain Agarwal Educational Publishers.

**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 – Organisational 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 Globalization, State and Economy**

The state in the Era of Globalization: Welfare, Development and Autonomy –  
 Globalization 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 Globalization and Finance**

The changing role of finance in capital accumulation and corporate structure; finance and globalization – Financialization, 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. Narasimha 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 Dimsky, (2005), Financial Globalisation, Social Exclusion and Financial Crisis, International Review of Applied Economics, Vol.19: 439 – 457.

**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 - Capitalization - 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 Organisation (SIDO)- Small Scale Industries Board (SSIB)-State Small Industries Development Corporations (SSICS),- Small Industries Service Institutes (SISI)- District Industries Centre (DICs).

## **Reference Books**

1. VasantDosai,(2008),Dynamics of Entrepreneurial Development, and Management, New Delhi , Himalaya Publishing House.
2. Robert D. Hisrich, Micheal P, peters and Dean A. Shephered ,(2007),Entrepreneurship, New Delhi, Tata McGrawHill.
3. Poornima M, Charantimath, (2007), Entrepreneurship Development and SmallBusiness Enterprises , New Delhi, PearsamEducation.
4. Khanka,S.S(2007),EntrepreneurialDevelopment,s.NewDelhi,Chand&Company.

**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 levels of Human Resource Management	PSO – 1	An
CO – 3	Appraise the methods of recruitment and screening	PSO –2	Ev
CO – 4	analyse 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: V**  
**Major Core V: Indian Economy – I**  
**Course Code: FC2051**

Hours / week	Credits	Total Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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
<b>CO1</b>	to identify the resource profile of Indian Economy	<b>PO - 1</b>	<b>Re</b>
<b>CO2</b>	understand the problems of Indian Economy and measurements	<b>PO - 1</b>	<b>U</b>
<b>CO3</b>	analyse the functions and features of agriculture	<b>PO - 5</b>	<b>U</b>
<b>CO4</b>	explain the system of agriculture marketing and agricultural finance	<b>PO - 5</b>	<b>U</b>
<b>CO5</b>	understand discuss the agriculture pricing and food security.	<b>PO - 5</b>	<b>E</b>

**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. RuddarDutt 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*. (16<sup>th</sup>ed.). Chennai: MarghamPublications.

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

Hours / week	Credits	Total Hours	Marks
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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 ChangesinIndia.

### **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 15<sup>th</sup>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).*PublicFinance*.(4<sup>th</sup>ed.).Agra:LakshmiNarainAgarwalPublishers.
2. Tyagai, (2004). *Public Finance*. (4<sup>th</sup>ed.). (4<sup>th</sup> Edition). Meerut: Jai Prakash Nath andCompany.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1<sup>st</sup>ed.). Meerut: Lakshmi Narain AgarwalPublishers.
4. Hajela, T.N. (2010). *Public Finance*. (4<sup>th</sup>ed.). Ane Books PvtLtd.
5. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5<sup>th</sup>ed.). Tokyo: Mcgraw HillPublishers.

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

Hours / week	Credits	Total Hours	Marks
<b>5</b>	<b>4</b>	<b>75</b>	<b>100</b>

**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 TamilNadu

**Course Outcomes**

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

**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 - -UzhavarSandhai – 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**  
**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. 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 - issuesby 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

**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. (4<sup>th</sup>ed.).TamilNadu, Saras Publication



**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 labor.

**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 overlabor - Nature 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 – Unorganized 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-V SOCIAL SECURITY MEASURES IN INDIA**

Meaning and importance of social security measures in India – Maternity Benefit Act – 1961 and its recent amendments - The Provident Fund Act – 1952 its 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)- 2006 its 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), Economics of Labour & Industrial Labour, Sahitya Bhawan, Agra. Arora, (1999), Industrial Relations, Excel Book, New Delhi.
2. Gupta P.K (2012), Labour Economics, Vrinda 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., New Delhi.
5. P.M. Kadukar, (2021), Fundamentals of Labour Economics, Himalaya Publishing House, GIRGAON MUMBAI MH 400004 IN

**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 – V 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:**

1. Sherlekar.S.A;(2003)*Marketing Management*;1<sup>st</sup>edition.NewDelhi;HimalayaPublishers.
2. PhilipKotler;(2009)*Marketing Management*;8<sup>th</sup>edition.NewDelhi;PrenticeHallofIndia (P) Ltd.
3. Agarwal R.C, Lakshmi NarainAgarwal; 2003)*Marketing Management*;3<sup>rd</sup>edition. Mumbai; Virinda Publication (P)limited.
4. Ramaswamy and Namakumari.S (2009) *Marketing Management*; 1<sup>st</sup> edition. New Delhi; MacMillan India.

**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 – component Safeco-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 economies – 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 Ince Engle Wood Cliffs, New Jersey
3. Tyagi, O.D. Mehra, M.A., 1990, Text Book of Environmental Chemistry, Anmol Publications, New Delhi
3. 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, Advanced Accountancy, Kalyani Publishers, New Delhi, 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. (1<sup>st</sup> ed.), New Delhi : BPB Publications.
5. Ananthi Sheshaayee, G. (2013), Computer Applications in Business and Management, (9<sup>th</sup> ed.). Chennai : Margam Publication

-  Gender
-  Environmental Sustainability
-  Human Values
-  Professional Ethics
-  Indian Knowledge System

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

## DEPARTMENT OF ECONOMICS



### Vision

We aim at nurturing the knowledge of dynamics of Economics in our students with research thrust and career orientation, enabling them to analyse economic issues from time to time.

### Mission

- To frame suitable study methods and to make teaching student centric
- To train our students to become career oriented
- To tap the talents and analytical skills of our students
- To promote entrepreneurship skill and nurture social responsibility

### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO - 1	The graduates will apply appropriate theory and scientific knowledge to participate in activities that support humanity and economic development nationally and globally, developing as leaders in their fields of expertise.
PEO - 2	The graduates pursue lifelong learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards.
PEO - 3	The graduates will be provided with fundamental concepts of Economics , theories and marketing skills, thereby making them face career challenges

### PROGRAMME OUTCOMES (POs)

<b>POs</b>	Upon completion of M.A. degree programme, the post graduates will be able to :
<b>PO - 1</b>	greatly enhance their foundational knowledge about the history, economic, literature, gender, social, class, race and other perspectives of comprehending human experience.
<b>PO - 2</b>	independently enquire into the preexisting knowledge sources and assess them.
<b>PO - 3</b>	efficiently take up competitive exams, interviews and other similar situations to excel.
<b>PO - 4</b>	design and undertake individual research which will contribute significantly to the future ideological and societal developments.
<b>PO - 5</b>	enhance in-depth learning by using innovative technological sources.
<b>PO - 6</b>	analyze and articulate the range of position that challenges the prevailing social, political, economic, ontological and ethical framework.
<b>PO - 7</b>	integrate various theories and methodologies with social and environmental contexts.

### PROGRAMME SPECIFIC OUTCOMES (PSO's)

PSOs	Upon completion of M.A. degree programme, the post graduates will be able to :	PO
PSO - 1	understand the importance of Micro Economics, and the market situations in the Economy	PO - 1
PSO - 2	analyse the causes and effects of Environmental pollution, unemployment problems, poverty and inequality in the Economy.	PO - 7
PSO - 3	apply the macro-economic theories, policies including Fiscal and Monetary economics for industrial and economic development	PO - 4
PSO - 4	apply statistical and mathematical methods in solving Economical and social problems	PO - 1
PSO - 5	develop the entrepreneurial skills, innovative practices, modern technology, utilization of resources, agricultural labour and productivity.	PO - 5
PSO - 6	understand the role of women entrepreneurs, researchers, labour in unorganized sector and the difficulties encountered by the labourers	PO - 5
PSO - 7	understand an analytical framework, analyse the inter linkages and determine economic variables including inflation, GDP, balance of payments, using statistical methods.	PO - 2
PSO - 8	identify the impact of globalization, privatization, liberalization, financial situations, banking sectors and systems in the Indian Economy	PO - 3
PSO - 9	understand the situations of capital and money markets and behaviour of investors perform cost – benefit analysis for making investment decisions.	PO - 2
PSO - 10	understand the basic concepts of business and research and their role in the local community	PO - 6
PSO - 11	identify the current problems in rural marketing	PO - 6
PSO - 12	apply the various programmes, schemes and policies for the rural, social, economic development.	PO - 6

#### Eligibility for Admission

A pass degree in B.A Economics from any recognized university.

**Duration of the Course :** 2 years

**Medium of Instruction :** English

**Passing Minimum:**

A minimum of 50% in the external examination and an aggregate of minimum 50% are required. There is no minimum pass mark for the continuous internal assessment.

**Components of the M.A. Economics Programme :** Major Core – 15  
 Elective – 4  
 Project – 1

**. Instruction for Course Transaction**

**Theory (Major Core / Elective) Paper Hours**

<b>Components</b>	<b>Sem. I</b>	<b>Sem. II</b>	<b>Sem. III</b>	<b>Sem. IV</b>
Lecture hours	70	70	70	70
Continues Internal Assessment (2)	5	5	5	5
Quiz (2)	1	1	1	1
Class Test (2)	2	2	2	2
Open book test / article review / Group Discussion	2	2	2	2
Seminar	10	10	10	10
<b>Total hours / semester</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>



## Course Structure

### Distribution of Hours and Credits

Course	Sem. I	Sem. II	Summer vacation	Sem. III	Sem. IV	Total	
						Hours	Credits
Major Core - Theory	6(4) + 6(4) + 6(4) + 6(5)	6(5) + 6(4) + 6(4) + 6(5)	-	6(5) + 6(5) + 6(4)	6(5) + 6(5) + 6(5) + 6(5)	90	69
Major Elective	6(4)	6(4)	-	6(4)	6(4)	24	16
Major Project	-	-	-	6(5)	-	6	5
<b>TOTAL</b>	<b>30 (21)</b>	<b>30 (22)</b>	-	<b>30 (23)</b>	<b>30 (24)</b>	<b>120</b>	<b>90</b>
<b>Non- Academic Courses</b>							
Life Skill Training - I	-	(1)	-	-	-	-	1
Life Skill Training - II	-	-	-	-	(1)	-	1
Service Learning Programme (SLP) – Community Engagement Programme	-	-	-	-	-	-	2
Summer Training Programme	-	(1)	-	-	-	-	1
<b>TOTAL</b>							<b>5</b>

**\* Non-academic courses are mandatory**

### Courses Offered

Semester	Course code	Title of the Course	Hours/Week	Credits
<b>I</b>	PF 2011	Core – I. Micro Economics Analysis - I	6	4
	PF 2012	Core – II. Recent Issues in Indian Economy	6	4
	PF 2013	Core – III. Statistical Methods for Economics	6	4
	PF 2014	Core – IV Development Economics -I	6	5
	PF 2015 PF2016 PF2017	Elective I – (a) Economics of Marketing (b) Economics of Social Sector (c) History of Economic thought	6	4
	SLP201	Service-Learning Programme (SLP): Community Engagement Course	-	-
<b>II</b>	PF 2021	Core – V. Micro Economics Analysis - II	6	5
	PF 2022	Core – VI. Quantitative methods for Economics	6	4
	PF 2023	Core – VII. Development Economics -II	6	4
	PF 2024	Core – VIII. Research Methodology	6	5
	PF 2025 PF2026 PF2027	Elective II – (a) Human Resource Management (b) Operations Research (c) Economics of infrastructure	6	4
	LST202	Life Skill Training (LST) – I	-	1
	SLP201	Service Learning Programme (SLP): Community Engagement Course	-	2
	STP201	Summer Training Programme (STP)	-	1
<b>III</b>	PF2031	Core – IX. Advanced Macro Economics	6	5
	PF2032	Core – X. International Economics	6	5
	PF2033	Core – XI. Entrepreneurial Development	6	4
	PF20PR	Project	6	5
	PF2034 PF2035 PF2036	Elective III - (a) Agricultural Economics (b) Financial Economics (c) Managerial Economics	6	4
<b>IV</b>	PF2041	Core – XII. Monetary Economics	6	5
	PF2042	Core – XIII. Environmental Economics	6	5
	PF2043	Core – XIV. Industrial Economics	6	5
	PF2044	Core – XV. Public Economics	6	5

	PF2045 PF2046 PF2047	Elective IV - (a) Rural Development (b) Demography (c) Computer Applications in Economics	6	4
	LST204	Life Skill Training (LST) – II	-	1
		<b>TOTAL</b>	<b>120</b>	<b>90+5</b>

#### **Self Learning – Extra Credit Course**

<b>Semester</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>Hours/week</b>	<b>Credits</b>
III	PF20S1	Demography	-	2
IV	PF20S2	Economics of Tourism Management	-	2

#### **Guidelines for the Project & Summer Training Programme**

##### **Project:**

The objective of the project is to motivate the students to do research and to inculcate in them self confidence, team spirit and creativity.

##### **Summer Training Programme:**

To learn emerging computer concepts and to opt for suitable jobs after the completion of the Programme.

##### **Examination Pattern**

Ratio of Internal and External 40:60

##### **Internal components and Distribution of Marks**

<b>Internal Components</b>	<b>Marks</b>
Continuous Internal Assessment (2)	20
Quiz (2)	4
Class test (2)	4
Article review/Group Discussion/Open Book Test / Book Review	4
Seminar	4
Online Home assignment	4
<b>Total</b>	<b>40</b>

## Question Pattern

<b>Internal Exam</b>	<b>Marks</b>	<b>External Exam</b>	<b>Marks</b>
Part A 4 x 1 (No Choice)	4	Part A 10 x 1 (No Choice)	10
Part B 3 x 4 (Internal Choice)	12	Part B 5 x 3 (Internal Choice)	15
Part C 3 x 8 (Internal Choice)	24	Part C 5 x 7 (Internal Choice)	35
<b>Total</b>	<b>40</b>		<b>60</b>

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

<b>No. of Hours per Week</b>	<b>Credits</b>	<b>Total No. of Hours</b>	<b>Marks</b>
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

### 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

<b>Co.No</b>	<b>Upon completion of M.A. Economics, the graduates will be able to :</b>	<b>PSO addressed</b>	<b>CL</b>
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*. (2<sup>nd</sup> 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*. (4<sup>th</sup> ed.). New Delhi: Brindha Publications.
4. John Kennedy, M. (2003). *Micro Economics*. (2003 ed.). Mumbai: Himalaya Publishing House.
5. Sankaran, S. (1990). *Micro Economics*. (7<sup>th</sup> 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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.
- 3.

**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*. (70<sup>th</sup> ed.). New Delhi: Sultan & Chand.
2. Sankaran, .(2012). *Indian Economy*. (16<sup>th</sup> ed.). Chennai: Margham Publications.
3. Misra & Puri, (2003). *Indian Economy*. (7<sup>th</sup> ed.) New Delhi: Himalaya Publishing House.
4. Agarwal, A.N. (1986). *Indian Economy*. (12<sup>th</sup> ed.). New Delhi: Wiley Eastern Limited.
5. Uma kapila(2017) ). *Indian Economy*. (27<sup>th</sup> 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. Pearsons’s correlation Co-efficient 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*. (15<sup>th</sup> ed.). New Delhi: Tata McGraw hill Publication Company Ltd.
2. Sencheti, D.C., & Kappir, V.K. (2008). (8<sup>th</sup> ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
3. Gupta, S.P. (2014). *Statistical Methods*. (29<sup>th</sup> ed.). New Delhi: Sulthan Chand & Sons.
4. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11<sup>th</sup> ed.). U.K: Cambridge University.
5. Pillai, R.S.N., & Bagavathi. (2007). *Statistics Theory and Practice*. (20<sup>th</sup> 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*. (18<sup>th</sup> ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K. (1998). *Economics of Development and Planning*. (7<sup>th</sup> ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12<sup>th</sup> ed.). Stanford University Press, Stanford.
4. Behrman, S. & Srinivasan T.N. (1995). *Handbook of Development Economics*, (7<sup>th</sup> ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurement of Technical Change*. (3<sup>rd</sup> ed.). Cambridge University Press, Cambridge, Mass.
6. Micheal Todra (2017). *Economic Development*, (12<sup>th</sup> ed.). Pearson series in Economics

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

<b>No. of Hours per Week</b>	<b>Credits</b>	<b>Total No. of Hours</b>	<b>Marks</b>
6	4	90	100

**Objectives**

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

**Course Outcome**

<b>Co. No</b>	<b>Upon completion of M.A. Economics, the graduates will be able to :</b>	<b>PSO addressed</b>	<b>CL</b>
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 Organisation: 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*. (1<sup>st</sup> ed.). New Delhi: Himalaya Publishers.
2. Philip Kotler. (2009). *Marketing Management*. (8<sup>th</sup> ed.). New Delhi: Prentice Hall of India (P) Ltd.
3. Agarwal R.C, Lakshmi Narain Agarwal. (2003). *Marketing Management*. (3<sup>rd</sup>ed). Mumbai: Virinda Publication (P) limited.
4. Pillai, R.S.N & Bagavathi. (2007). *Modern Marketing principles and Practice*: (1<sup>st</sup> ed). New Delhi: S.chand&company Limited.
5. Ramaswamy and Namakumari.S. (2009). *Marketing Management*: (1<sup>st</sup> 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

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

## Core – VI: Quantitative methods for Economics

Sub. Code: PF2022

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

Obj

ctives

1. To 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 – Minimization of cost – Elasticity of demand – Relationship between average revenue and marginal revenue – Partial derivatives and their application in Economics.

### Unit – III Production Function

Optimization 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*. (3<sup>rd</sup> ed.). Mumbai: Himalaya Publishing House.
2. Cyril Kanmony, J. & Palani, K. (2003). *Mathematical Analysis for Economists*. (1<sup>st</sup> ed.). Nagercoil: JP Publishers.
3. Medha, & Madhnani. (1999). *Mathematics for Economics*. (2<sup>nd</sup> ed.). New Delhi: Sultan Chand and Sons.
4. Agarwal, D.R. (2001). *Mathematical Economics*. (4<sup>th</sup> ed.). New Delhi: Vrinda Publications (P) Ltd.
5. Verma, A.P. (2000). *Quatitative Techniques*. (1<sup>st</sup> 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*. (18<sup>th</sup> ed.). Vrinda Publication.
2. Misra S.K., & Puri V.K.(1998). *Economics of Development and Planning*. (7<sup>th</sup> ed.). Himalaya publishing house.
3. Adlman I. (1961). *Theories of Economics Growth and Development*. (12<sup>th</sup> ed.). Stanford: Stanford University Press.
4. Behrman, S. & Srinivasan, T.N. (1995). *Handbook of Development Economics*, (7<sup>th</sup> ed.) Vol3, Elsevier, Amsterdam.
5. Brown, M. (1996). *On the Theory and Measurment of Technical Change*. (3<sup>rd</sup> Editon). Cambridge: Cambridge University Press, Mass.

**Core – VIII: RESEARCH METHODOLOGY**  
**Sub. Code: PF2024**

No. of Hours per Week	Credits	Total No. of Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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*. (6<sup>th</sup> ed.). New age international publishers.
2. Sadhu, A.N., & Singh. (1988). *Research Methodology Social Sciences*. (2<sup>nd</sup> ed.). Bombay, Himalaya publishing house.
3. Ghosh, B.N. (1992). *Scientific Method and Social Research*. (1<sup>st</sup> ed.). Sterling Publishers (p) Ltd.
4. Kurien, G.T. (1985). *A guide to Research in Economics*. (1<sup>st</sup> ed.). Rainbow publications.
5. Krishnaswami, O.R. (1998). *Methodology of Research in Social Sciences*. (4<sup>th</sup> 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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**

Co. 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*. (2<sup>nd</sup> ed.). New Delhi: Sultan Chand Publishers.
2. Aswathappa, (2005). *Human resources and personal Management*. (2<sup>nd</sup> 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*. (2<sup>nd</sup> ed.). New Delhi: Sultan Chand & Sons.
5. Robert Mathias, L. & Jackson, H. (2004). *Human Management*. (1<sup>st</sup> 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
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**Objectives**

1. To develop an analytical framework in order to understand the inter linkages among the crucial macro-economic 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*. (8<sup>th</sup> ed.). Jalandhar: Vishal Publishing Co.
2. Mithani, D.M. (1980). *Macro Economics*. (4<sup>th</sup> 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*. (13<sup>th</sup> ed.). Lakshmi Narain Agarwal Educational Publishers.
5. Shapiro E. (1996). *Macro Economic Analysis*. (1<sup>st</sup> 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, Stopler – 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*. (6<sup>th</sup> ed.). New Delhi, Vrindha Publication Pvt Ltd.
2. Gupta, K.R. (1972). *International Economics*. (6<sup>th</sup> ed.). Delhi: Atma Ram & Sons.
3. Francis Cherunilum. (2006). *International Economics*. (5<sup>th</sup> ed.). Tata Mc Graw, Hill Publishing Company Ltd.
4. Desai, S.S.m. (1995). *International Economics*. (3<sup>rd</sup> ed.). Bombay: Himalaya Publishing House.
5. Mithani, M. (2003). *International Economics*. (4<sup>th</sup> 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

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

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

<b>No. of Hours Per Week</b>	<b>Credits</b>	<b>Total No. of Hours</b>	<b>Marks</b>
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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**

<b>Co.No</b>	<b>Course Outcomes</b>	<b>PSO addressed</b>	<b>CL</b>
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. Rudder 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**

<b>No. of Hours per Week</b>	<b>Credits</b>	<b>Total No. of Hours</b>	<b>Marks</b>
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**Objectives**

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

**Course Outcome**

<b>Co. No</b>	Upon completion of M.A. degree programme, the post graduates will be able to :	<b>PSO addressed</b>	<b>CL</b>
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*. (5<sup>th</sup> ed.). New Delhi: Tata McGraw – Hill Education Private Limited.
3. Stephen F. Leroy & Jan Werner, (2014). *Principles of financial economics*. (2<sup>nd</sup> 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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**

<b>No. of Hours per Week</b>	<b>Credits</b>	<b>Total No. of Hours</b>	<b>Marks</b>
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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**

<b>Co No</b>	<b>Course Outcomes</b>	<b>PSO addressed</b>	<b>CL</b>
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*. (5<sup>th</sup> ed.). New Delhi: S.Chand &Company Pvt Ltd,
2. Devairakkam, S. (2001). *Monetary Economics*. (8<sup>th</sup> ed.). D.S.R.Publications.
3. Cauvery, R. & Manimekalai, A. (2003). *Monetary Economics*. (2<sup>nd</sup> ed.). New Delhi: S.Chand &Company Pvt Ltd.
4. Jhingan, M.L. (2006). *Monetary Economics*. (7<sup>th</sup> ed.). New Delhi: Vrinda Publications (p) Ltd.
5. Sankaran, (2013). *Monetary Economics*. (2<sup>nd</sup> ed.). Margham Publications

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

No. of Hours per Week	Credits	Total No. of Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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 - Hick’s 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*. (1<sup>st</sup> ed.). Sterling Publishers Private Ltd.
2. Eugene, T. (2004). *Environmental Economics*. (1<sup>st</sup> ed.). Vrindha publications (p) Ltd.
3. Sankaran, S. (2012). *Environmental Economics*. (5<sup>th</sup> ed.). Chennai: Margham publications.
4. Jhingan, M.L., Chandor, K., & Sharma, (2012). *Environmental Economics*. (2<sup>nd</sup> ed.). New Delhi: Vrinda publications.
5. Singh, S.R. (2012). *Environmental Economics*. (1<sup>st</sup> 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
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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.

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

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

No. of Hours per Week	Credits	Total No. of Hours	Marks
<b>6</b>	<b>5</b>	<b>90</b>	<b>100</b>

**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**

Co. 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. 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-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 public 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 Debt.

## **Deficit Financing: Meaning, Objectives and effects of deficit financing; Role of**

## **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-14<sup>th</sup> Finance Commission and its Recommendations.

## **Reference Books**

1. Agarwal, R. (2002). *Public Finance*. (4<sup>th</sup> ed.). Agra: Lakshmi Narain Agarwal Publishers.
2. Tyagai, (2004). *Public Finance*. (4<sup>th</sup> ed.). (4<sup>th</sup> Edition). Meerut: Jai prakash Nath and Company.
3. Agarwal, R.C. & Seth, M.L. (2007). *Public Finance Theory and Practice*. (1<sup>st</sup> ed.). Meerut: Lakshmi Narain Agarwal Publishers.
4. Musgrave, R.A. & Musgrave, P.B. (1986). *Public Finance Theory and Practice*. (5<sup>th</sup> ed.). Tokyo: Mcgraw Hill Publishers.
5. Hajela, T.N. (2010). *Public Finance*. (4<sup>th</sup>ed.). 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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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
<b>6</b>	<b>4</b>	<b>90</b>	<b>100</b>

**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 – Crude and specific rates, Life tables – Factors effecting mortality - Mortality 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*. (16<sup>th</sup> 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.

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

**SELF LEARNING COURSE**  
**DEMOGRAPHY**  
**Sub. Code: PF20S1**

No. of Credit	Marks
<b>4</b>	<b>100</b>

**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; Urbanization – 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**

- |   |                                     |
|---|-------------------------------------|
| 1. Principles of Population studies     | – Asha Bhende & Tara Kanikar        |
| 2. Indian Population Problems           | - S.N. Agarwal                      |
| 3. An Introduction to social Demography | – M.K. Premi                        |
| 4. Studies in Demography                | - S.C. Srivastava                   |
| 5. Indian Population in Transition      | – C.B. Saxena                       |
| 6. Studies in Demography                | – Aish Bose, P.B. Desai & S.P. Jain |

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

No. 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**

Organization of Travel agencies – Travel agencies in India

**Unit – IV Organization of Tourism**






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

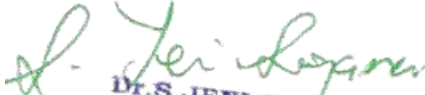
**Unit – V Indian Tourism Industry**

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

**Reference Books**

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

-  Gender
-  Environmental Sustainability
-  Human Values
-  Professional Ethics
-  Indian Knowledge System

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