

**SEMESTER - III****CORE IX - MONETARY ECONOMICS****Code:17PECC31****Hrs/Week: 6****Hrs/Semester: 90****Credits: 5****Objective**

To enable the students to have realistic understanding and practical solution of the economic problem the study of monetary economics is relevant

**20 Hrs****UNIT-I DEMAND FOR MONEY**

Introduction- Nominal versus Real cash Balances- Neo classical theory- Keynes theory - Determinants of the Demand for money- The Transaction Demand for money- Approaches of BAUMOL and ~~BN~~ <sup>Tobin</sup> - Friedman and modern Quantity theory - Empirical Evidence.

**15 Hrs****UNIT-II SUPPLY OF MONEY**

High powered money and Money multiplier- Determinants of the Money multiplier - Factors affecting High powered money - RBI approach to money supply - Approaches to the measures of money supply - Factors affecting the velocity of circulation of money.

**UNIT-III THEORIES OF INFLATION****20 Hrs**

Definition - Keynes' view- Forms of inflation - Inflationary gap - Demand pull inflation - Cost push inflation and Economic Development - Effects of inflation - Philips curve - LIPSEYS Analysis - policies to control inflation

**UNIT-IV FINANCIAL MARKETS****20 Hrs**

Role and structure of money market and capital market - Structure of a financial market - Instruments of the money market - Call money market - Treasury Bill market - Commercial Bill market - Stock market - Gilt edged market - recent measures taken by RBI.

**UNIT-V MONETARY POLICY****15 Hrs**

The IMF prescription and monetary policy - Objectives of monetary policy - Regulation and control of money supply - RBI and monetary policy - An Evaluation of Reserve Bank and monetary policy.

**Text Book:** Gupta S.B - 'Monetary Economics Institutions, theory and policy' S. CHAND &co, 2009.

**Reference Books:**

1. Mishra S.S- "Money, Inflation and Economic Growth" Oxford and IBH Publishing company, New Delhi, 1981
2. T.N. HAJELA, Banking and public finance, 2009
3. Patinkin D - "Money, Interest and Prices" Harper and Row, New York, 1965
4. Hicks J.R- "The Crisis in Keynesian Economics" Oxford University Press New Delhi

SEMESTER - III			
CORE XII – BASIC ECONOMETRIC ANALYSIS			
Code: 17PECC34	Hrs / Week: 6	Hrs / Semester: 75	Credits : 5

### Unit – I Introduction:

15Hrs

Definition – Scope – Divisions – Objectives – Use of Econometrics – Econometrics and Mathematical Economics – Econometrics and Statistics – Methodology of Econometrics – Basic ideas of Linear Regression Model–Two variable model, Population regression function (PRF), Sample regression Function (SRF) – Error term U – significance – stochastic form of PRF and SRF.

### Unit – II Estimation:

15Hrs

Classical Linear regression model – assumptions – Method of Ordinary Least Square (OLS) – Derivation of OLS Estimators – Derivation of variance and Standard error of OLS estimators (simple linear regression) – Properties of OLS estimators, Gauss– Markov Theorem – proof – Three variable model estimation (Basic Idea only) – Hypothesis Testing (t and F test)–test of goodness of fit  $R^2$  and adjusted  $R^2$ .

### Unit – III Violation of Assumptions:

15Hrs

Multicollinearity–nature of multicollinearity, Consequences and detection of Multicollinearity, Remedial measures, Heteroscedasticity–Nature of Heteroscedasticity Consequences of heteroscedasticity, Detection of Heteroscedasticity, Remedial Measures, Auto–Correlation–nature of the problem, Consequences, detection and remedial Measures

### Unit – IV Functional Forms and Dummy Variables:

15Hrs

Regression through the origin – Double Log Model – Measurement of Elasticity – Semi log model – Measurement of Growth – Dummy Variables – ANOVA and ANCOVA models – Dummy variable trap – uses – interaction effects – structural changes – seasonal variations – piece wise linear regression – Auto Regressive and Distributed Lag Model – Ad Hoc Method of estimation – Koyck transformation – Mean and Median Lag.

### Unit – V Simultaneous Equation Model:

15Hrs

Definition – examples – simultaneous equation bias – structural and reduced form equations – identification – rank and order condition – indirect least square estimation – two stage least square estimation.

### References:

1. Damodar N. Gujarathi, Essentials of Econometrics, McGraw Hill.
2. Damodar N. Gujarathi, Basic Econometrics, McGraw Hill.
3. Damodar N. Gujarathi, Econometrics by Example, Palgrave Publications.
4. Maddalla G.S., Econometrics, McGraw Hill.
5. Dominick Salvatore and Derrick Reagle, Statistics and Econometrics, Tata McGraw Hill (Schaum's Series).
6. Koutsoyiannis A, Theory of Econometrics, Palgrave, Delhi.
7. Suresh K Ghosh, Econometrics– Theory and Applications, Prentice Hall of India Private Limited, New Delhi



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SEMESTER - IV			
CORE XV- COASTAL ECONOMICS			
Code: 17PECC43	Hrs / Week: 6	Hrs / Semester: 90	Credits : 4

### Objective

To familiarize the students with the concept and application of economics to the different resource based production systems

### UNIT I FISHERIES RESOURCES:

20 Hrs

① Important aquatic fauna and flora - Important capture fisheries of the world, India, Tamil Nadu Distribution- Economics of fish marketing, domestic and export -Economic utilization of fishery resources . Important Fisheries Development Schemes and Organizations

### UNIT II ECONOMY OF FISHERMEN:

20 Hrs

Fishermen populations, GDP from fisheries sector, foreign exchange earnings and employment potential of fishing industry – PESTLE analysis of the fisheries industry

### UNIT III Fish and Fishery products:

15 Hrs

Origin, Functions and Application in Developed and Developing country markets, Drivers and Governors of change on the Demand - Drivers and governors of change on the supply

### UNIT IV FISH SUPPLY CHAIN:

20 Hrs

What is the fish supply chain? - Key links in fish and fishery product supply chain Value chain - Primary activities - Support activities - Supply chain vs value chain - The emergence of the value chains in the fish produces industry

### UNIT-V COASTAL DISASTER MANAGEMENT

15Hrs

Disaster definition – Factors are significance – Study of environment, impacts induced by human activity: Types of hazards earthquakes, Volcano, Cyclones, Tsunami, Floods, Droughts and Famines, Landslides.

**Text Book:** Jingan V.G.: Fish and fisheries of India, Hindustan Publ. Corpn. 1991

### Reference Books

Subba Rao, N. 1986 Economics of Fisheries: A case study of Andhra Pradesh. Daya Publishing House, 1302, Vaid Wara, Nai Sarak, Delhi-6.

R. L. Varshney, "International Marketing Management", Sultan Chand.

D.C. Kapoor, "Export Management", Vikas Publishing House

Handbook of Import-Export Procedures - Ministry of Commerce, Government of India, New Delhi

SEMESTER- IV			
CORE -XVI- PORTFOLIO MANAGEMENT			
<b>Code: 17PECC44</b>	<b>Hours / Week :6</b>	<b>Hrs / Semester: 90</b>	<b>Credits :4</b>

**Objective:**

To enable the students to use finance theory in investment and management appropriately and to provide a basic for the measurement and analysis of the risk of financial investments

**UNIT -I FINANCIAL MARKETS AND INSTRUMENTS 15Hrs**

Portfolio Management – Meaning and importance - Money and bond markets, equity markets, derivative markets, managed funds, exchange traded funds, exchange trading and over The Counter (OTC) trading, clearing, settlement, margin trading, short sales and contingent orders, regulation of financial markets

**UNIT -II INVESTMENT STRATEGIES 20Hrs**

Active fund management and investment strategies: historical mutual fund performance, market efficiency and behavioral finance, return based trading strategies, hedge funds

**UNIT- III DIVERSIFICATION 15Hrs**

Expected portfolio return and variance, risk premium, risky/risk free capital allocation, minimum-variance portfolio frontier, market portfolio, expected return relationships, Treynor-Black model, and factor models

**UNIT -IV RISK AND PERFORMANCE 20Hrs**

Portfolio Immunization: Term structure of interest rates, duration, immunization of equity portfolios. Risk and performance management: types of risk, regression methods for measuring risk, value-at-risk, risk adjusted performance measures, m squared measure, performance measurement with changing portfolios

**UNIT V: RISK MANAGEMENT 20Hrs**

Risk management and VaR based portfolio insurance: Put option protection, Put call parity, volatility hedging, Basak-Shapiro model

**Reference Books:**

1. Saunders, A., 2000, *Financial Institutions Management: A Modern Perspective*, ED.3, McGraw Hill, New York
2. Bodie, Z., A. Kane and A.J. Marcus, 2005, *Investments*.Ed.6, McGraw-Hill Irwin,London
3. Elton, E.J., M.J. Gruber, S.J. Brown and W.N. Goetzmann, 2003, *Modern PortfolioTheory and Investment Analysis*, Ed.6, Chichester: John Wiley & Sons, New York.
4. Brown, S.J. and W.N. Goetzmann, 2001, *Hedge Funds with Style*. NationalBureau of Economic Research.
5. Duffie, D. and K.J. Singleton, 2003, *Credit Risk: Pricing, Measurement andManagement*, Princeton University Press,

SEMESTER- IV			
CORE - XIII – ORGANISATIONAL BEHAVIOUR			
<b>Code: 17PMCC 41</b>	<b>Hours / Week :6</b>	<b>Hrs / Semester: 90</b>	<b>Credits :4</b>

**Objective:** To enable the students to understand the various dimensions of Organizational behavior

**UNIT – I Introduction to Organizational Behavior and Personality: 15Hrs**

Organizational behavior: Definition – Nature and Scope – Objective - Evaluation Models of Organizational Behavior – autocratic – Custodial – Supportive – Collegial. Personality: Definition – Determinants of Personality – Types of Personality – Theories of Personality – Sigmund Freud’s four stages of Personality - Ericson’s eight life stages.

**UNIT – II Perception, Attitude and Learning 20Hrs**

Perception: Definition – Perception Process – Factors affecting Perception. Attitude: Concepts – Formation of Attitude – Types of Personality – Theories – Classical Learning: Meaning – Definition – Determinants of Learning – Learning Theories – Classical Conditioning – Operated Learning – Cognitive Theory – Social Learning Theory.

**UNIT – III Motivation and Leadership: 15Hrs**

Motivation: Meaning – Concepts – Theories of Motivation – Maslow’s Hierarchy of Needs – Herzberg’s Two Factor Theory – McGregor’s Theory X and Theory Y. Leadership: Definition – Functions – Leadership Styles – Leadership Theories – Trait Theory – Behavioral Theory – Managerial Grid Theory.

**UNIT – IV Group Behavior and Team Building: 20Hrs**

Group Behavior: Definition- Characteristics of a Group – Types of Groups – Group Formation and Development – Group Role – Inter – Group Behavior – Inter – Group Conflict – Group Decision Making. Team Building: Meaning – Types of Team – Team Building Process.

**UNIT – V Organizational change, Development and Effectiveness: 20Hrs**

Organizational Change and Development: Reasons for Organizational Change – Types of Change – Planned Change – Resistance to Change and Managing Change. Organizational Development (OD): Meaning – Objectives – Models of OD and OD Interventions. Organizational Effectiveness: Definition – Approaches to Organizational Effectiveness – Factors Influencing Organizational Effectiveness.

**Text Books:**

1. S.S. Khanka, Organisational Behavior, S. Chand & Co Ram Nagar, New Delhi.
2. K. Aswathappa, Organisational Behavior, Himalaya Publishing House, Mumbai.

**References:**

1. Fred Luthans, Organisational Behavior, McGraw Hill International Edition.
2. Stephen P. Robbins, Essential of Organisational Behavior, Prentice Hall of India, New Delhi