



VELS

INSTITUTE OF SCIENCE, TECHNOLOGY
& ADVANCED STUDIES (VISTAS)



(DEEMED TO BE UNIVERSITY Estd. u/s 3 OF THE UGC ACT, 1956)

NAAC ACCREDITED

PALLAVARAM - CHENNAI - INDIA

SCHOOL OF MANAGEMENT STUDIES & COMMERCE

DEPARTMENT OF ECONOMICS

B.A ECONOMICS

PROGRAMME SPECIFIC OUTCOMES

The course has been designed in the way to make the student employable easily. The course accommodates all the topics of economics, like Micro economics, Macroeconomics, Indian Economy, state economy, History of economic thought, International economics, Agricultural economics, industrial economics, Labour economics, service marketing, Fiscal economics, monetary economics, econometrics, statistics along with English and language. (Tamil, Hindi or French)

Students of economics department will become employable in all the government departments (IES, IAS, IPS, and IRS, IFS, planning commission and economic analyst) and self-entrepreneurship. They have ample quantum of employment opportunities in service sector and having provision for higher education.

After the completion of under graduate course in economics, the successful students are able to

- Understand the characteristics of developed and developing economies especially Indian economy
- Understand the features of economic development and growth
- Understand the major economic variables such as GDP, GNP, Savings, Capital, Investment, employment etc., and their inter-relationship.
- Understand the objectives, tools and the impact of macro economic policy on Indian economy.
- Understand the objectives, tools and the impact of fiscal policy on Indian economic stability.
- Understand the objectives, tools and the impact of monetary economic policy on Indian economic stability.
- Understand the nature and scope of national and international trade and international financial organizations such as World Bank, IMF etc., and their significances.
- Understand the important statistical and mathematical tools in order to interpret and to build economic models for more authentications as well as to facilitate the policy makers.
- Understand the causes and the consequences of major economic problems such as inflation, deflation, unemployment, poverty, income inequality etc., and also understand the solution to them.

DEPARTMENT OF ECONOMICS

BOARD OF STUDIES

BOARD OF STUDIES IN ECONOMICS (UG) MEMBERS FOR
A PERIOD OF THREE YEARS (17.03.2017 – 16.03.2020)

SI.NO	NAME	DESIGNATION	ADDRESS	ACTED
1.	Dr. S.N. SUGUMAR	Prof & HOD	Dept. of Economics, VELS University	Chair-person
2.	Dr. K. RAMESH	Associate Professor	Presidency College, Chennai	External Member
3.	Mr. A. ANANDHAKUMAR	Assistant Manager	Hyundai, Irungattukottai, Chennai.	External Member
4.	Dr. S. SURESH	Associate Professor	Dept. of Economics, VELS University	Internal Member
5.	Dr. S. CHANDRACHUD	Associate Professor	Dept. of Economics, VELS University	Internal Member
6.	Dr. S. JANSIRANI	Associate Professor	Dept. of Economics, VELS University	Internal Member
7.	Dr. B. CHITHIRAIRAJAN	Assistant Professor	Dept. of Economics, VELS University	Internal Member

Department of Economics
Curriculum

SEM	CATEGORY	TITLE OF THE SUBJECT	HOURS	CREDITS	CA MARKS	END SEM MARKS	TOTAL MARKS
I	CORE	TAMIL/HINDI/FRENCH	5	4	40	60	100
I	CORE	ENGLISH	5	4	40	60	100
I	CORE	BASIC CONCEPTS IN ECONOMICS - I	5	4	40	60	100
I	CORE	STATISTICS - I	5	4	40	60	100
I	DSEC	FINANCIAL INSTITUTIONS AND MARKETS -I	5	4	40	60	100
Total			25	20			
II	CORE	TAMIL/HINDI/FRENCH	5	4	40	60	100
II	CORE	ENGLISH	5	4	40	60	100
II	CORE	BASIC CONCEPTS IN ECONOMICS - II	5	4	40	60	100
II	CORE	STATISTICS - II	5	4	40	60	100
II	DSEC	FINANCIAL INSTITUTIONS AND MARKETS -II	5	4	40	60	100
Total			25	20			
III	CORE	TAMIL/HINDI/FRENCH	5	4	40	60	100
III	CORE	ENGLISH	5	4	40	60	100
III	CORE	INDIAN ECONOMY I	4	4	40	60	100
III	CORE	MONETARY ECONOMY I	4	4	40	60	100
III	DSEC	OPERATION RESEARCH	4	4	40	60	100
III	GEC	PERSONALITY DEVELOPMENT	2	2	40	60	100
III	SEEC	ETHICS AND VALUES I	2	2	40	60	100
Total			26	24			

SEM	CATEGORY	TITLE OF THE SUBJECT	HOURS	CREDITS	CA MARKS	END SEM MARKS	TOTAL MARKS
IV	CORE	TAMIL/HINDI/FRENCH	5	4	40	60	100
IV	CORE	ENGLISH	5	4	40	60	100
IV	CORE	INDIAN ECONOMY II	4	4	40	60	100
IV	CORE	MONETARY ECONOMY II	4	4	40	60	100
IV	DSEC	HUMAN RESOURCE MANAGEMENT	4	4	40	60	100
IV	AEEC	ENVIRONMENTAL STUDIES	2	2	40	60	100
IV	SEEC	ETHICS AND VALUES II	2	2	40	60	100
Total			26	24			
V	CORE	FISCAL ECONOMICS I	5	4	40	60	100
V	CORE	MACROECONOMICS I	5	4	40	60	100
V	CORE	ECONOMIC THOUGHT	5	4	40	60	100
V	CORE	LABOUR ECONOMICS	5	4	40	60	100
V	CORE	HEALTH ECONOMICS	5	4	40	60	100
	GEC	PROJECT MANAGEMENT I	2	2	40	60	100
Total			27	22			
VI	CORE	FISCAL ECONOMICS II	5	4	40	60	100
VI	CORE	MACROECONOMICS II	5	4	40	60	100
VI	CORE	MANAGERIAL ECONOMICS	5	4	40	60	100
VI	CORE	INTERNATIONAL ECONOMICS	5	4	40	60	100
VI	CORE	ENVIRONMENTAL ECONOMICS	5	4	40	60	100
	GEC	PROJECT MANAGEMENT II	2	2	40	60	100
Total			27	22			

Grand Total 132

Technique of constructing graphs, graphs of one variable – graphs of two or more variables. Graphs of frequency distributions – histogram – frequencies polygram – smooth frequency curve – cumulative frequency curve or ogives.

Unit IV Measures of Central Tendency 12

Object – features of good average – mean – median – mode – harmonic mean – geometric mean – merits and demerits

Unit V Measures of Dispersion and Skewness 12

Dispersion – meaning – importance – range – quartile deviation – mean – standard deviation and coefficient of variation – Skewness – Pearson and Bowley’s coefficient

Total Hours: 60

Text Book

1. Gupta S.P., Statistical Methods, Sultan Chand & Sons, New Delhi.

References

1. Pillai, R.S.N. and Bhagavathi V.S., Statistics S. Chand & Company Ltd., New Delhi.
2. P.R Vittal., Business statistics, margham publications Chennai – 600 017

Course outcomes

- CO1 Familiar with the basics of statistics
- CO2 Able to calculate mean median and mode
- CO3 Run correlation with two variables
- CO4 Can use the simple regression model
- CO5 Distinguish between primary and secondary data and also familiar with how to collect data

SEMESTER – I

Paper 5

FINANCIAL INSTITUTION AND MARKETS - I

Objective : To understand basics of financial institutions and their role in economic growth and development

UNIT – I

12

Money – Components of Money, Supply – Money Market – Bank rate – Monetary Policy – Banking system in India.

UNIT – II

12

Banking and Financial System – Introduction – Definition - Types of Banks – RBI'S Regulation and Functions of Commercial Banks – Bank's credit creation – Modern Functions of Banks.

UNIT- III

12

Capital Market – SEBI and its regulations – Non -banking Institution India – reading Stock Market Information.

UNIT- IV

12

Share market – Primary and Secondary market – Types of Equities – Types of Bonds – Bonds and Equities – Types of Investments – Share Market Indices.

UNIT – V

12

Insurance – Types – Life and General – Role of IRDA – Pension fund – Pension fund regulator – Financial derivatives - Types- Futures and Options.

Total Hours: 60

Text Books:

1. Khan. M.Y (2015) **Indian Financial System**, Tata McGraw Hill, New Delhi.
2. Bhole (2015) **Financial Institutions and Markets**, Mc Graw Hill, New Delhi.

Revenue Curves – Total – Average – Marginal Revenue Curves – Relationship between AR and MR

UNIT II **12**
Market Structure – Monopoly – Features – Kinds of Monopoly – Private – Public – Pure – Simple Monopoly – Price and Output Determination under Monopoly – Discriminating Monopoly

UNIT III **12**
Monopolistic Competition – Features – Price and Output Determination – Oligopoly – Features – Types – Price Leadership – Kinked Demand Curve

UNIT IV **12**
Different Concepts of Rent – Ricardian Theory of Rent – Assumptions – Modern Theory of Rent – Quasi Rent - Wages - Real Wages – Nominal Wages – Marginal Productivity Theory of Wages - Modern Theory of Wages

UNIT V **12**
Trade Union and Collective Bargaining – Loanable Funds Theory of Interest – Keynes Liquidity Preference Theory – Modern Theory of Profit – Innovation – Risk and Uncertainty Barring.

Total Hours: 60

TEXT BOOKS:

1. H.L. AHUJA – Principle of Micro Economics
2. S.SANKARAN – Micro Economics
3. H.S. AGARWAL – Micro Economics
4. M.L. SETH – Principle of Micro Economics
5. M.L. JHINGAN – Micro Economics

Course outcomes

CO1 Aware of basic concepts in Economics

CO2 Able to distinguish autonomous demand and industrial demand

Discrete probability distributions – binomial – obtaining binomial coefficient – properties and simple problems. Poisson – simple problems. Continuous probability distribution – normal distribution – properties and simple problems.

Total Hours: 60

Text Book

1. Gupta S.P., Statistical Methods, Sultan Chand & Sons, New Delhi.

References

1. Pillai, R.S.N. and Bhagavathi V.S., Statistics S. Chand & Company Ltd., New Delhi.
2. P.R Vittal., Business statistics, margham publications Chennai – 600 017

Course outcomes

- | | |
|-----|--|
| CO1 | can apply the tool of karl Pearson rank correlation |
| CO2 | Will run the regression model |
| CO3 | Aware of probability analysis |
| CO4 | Distinguish between binomial and normal distribution |
| CO5 | Aware of distribution theories (Normal, Poisson) |

SEMESTER – II

Paper 5 FINANCIAL INSTITUTION AND MARKETS – II

Objective : To know more about the financial part of economic issues through capital budgeting, SEBI and other financial factors.

UNIT- I

12

Capital Budgeting – Definition – Features – need and Objectives – Banks – Regulation of Working Capital and Finance.

UNIT-II**12**

Negotiable Intitutions- Structure – Characteristics – Primary and Secondary functions – Market Intermediaries, Stock Brokers, Underwriters, Depositories Credit Rating Agencies.

UNIT- III**12**

Stock Market System – Trading, Listing, Regulation of Stock Market – Market Efficiency – NSE BSE – Online Trading System – SEBI – Guidelines for Capital Issues –Pricing – Insider Trading – Investor Protection.

UNIT- IV**12**

Derivative markets – Options and Futures – Trading System –Consumer Finance – Factoring – Hire Purchase.

UNIT- V**12**

An overview of Financial Market- Legal and Regulatory framework- Financial Sector Reforms – SCRA- Various segments of Financial Markets – Venture Capital Financing, Mutual Funds – Finance Information System (FIS).

Total Hours: 60**Text Books:**

1. Khan. M.Y (2015) **Indian Financial System**, Tata McGraw Hill, New Delhi.
2. Bhole (2015) **Financial Institutions and Markets**, Mc Graw Hill, New Delhi.

Course outcomes

CO1 Aware of objectives of different types of financial institutions

CO2 Knowledge about the linkage of primary and secondary market.

2. M.I Jhigan, Economics of Development & Planning, Konark Publishers, New Delhi.
3. Dr. S. Sankaran, Indian Economy, Margham Publications, Chennai.
4. RBI Bulletin, Primit Chandhury, The Indian Economy, Poverty and Development, Vikas Publishing House, New Delhi.
5. Velayutham, Foreign Trade, Theory & Practice, S. Chand & co.,

Course outcomes

- CO1 basic knowledge about Indian economy
- CO2 Familiar with features of growth and development concept.
- CO3 Aware of different five year plans
- CO4 Aware of features of agricultural sector and agmark.
- CO5 Knowledge on significance of industries and their policies

Paper 4

MONETARY ECONOMICS –I

Objective : To know functions and role of money and various theories of demand for money.

UNIT – I

12

Money – Functions and Classification of Money; Role of Money in a socialist and Capitalistic Economy.

UNIT – II

12

Concepts of the value of Money – Transaction (Fishers Equation of Exchange) – The Cash Balance Approach (Cambridge Equation)- Superiority of Cash Balance Approach over Transaction.

UNIT – III

12

Money Supply and Price Level – Keynesian Approach – Patinkin's, Friedman's Restatement of quantity theory of money.

UNIT – IV

12

Business Cycle – Characteristics of Business Cycles – Phases of Business Cycle –Types of Cycles – Business Cycle and Controlled Economies.

UNIT – V

12

Keynes- Definition- Characteristics of Inflation – Types of Inflation – Causes of Inflation – Inflation Gap – Stagflation – Inflation and Deflation with reference to India.

Total Hours: 60

Books for Reference:

1. Jhingan, M.L : Monetary Economics
2. Shankaran .s : Monetary Economics
3. Vaish. M.C. : Monetary Theory

Course outcomes

- CO1 Aware of functions and classifications of money
- CO2 Knowledge on classical theory of demand for money
- CO3 Knowledge on neo-classical theory of demand for money
- CO4 Aware of characteristics and effects of trade cycle
- CO5 Knowledge on causes and types of inflation

Paper 5

OPERATIONS RESEARCH

Objective : To study the basics of linear programming and its applications in economics

UNIT I INTRODUCTION TO OPERATION RESEARCH 12

Introduction to OR – scope of OR in Business – Linear Programming problems – Formulation – Graphical method of solution.

UNIT II LINEAR PROGRAMMING PROBLEMS 12

Linear programming problems – Simplex method

UNIT III TRANSPORTATION PROBLEMS AND ASSIGNMENT PROBLEMS 12

Transportation problems – Assignment Problem

UNIT IV NETWORK ANALYSIS 12

Network Analysis: Introduction – Basic Terminologies – Critical Path Method – PERT – Float analysis

UNIT V SEQUENCING AND GAME THEORY 12

Sequencing Problems: Solution using Johnson’s Algorithm – method. Game Theory: Introduction – Two person Zero Sum Games Mixed Strategies.

Total Hours: 60

Text books:

1. Resource management techniques by .Sundarasan, K.S. Ganapathy, Subramaniam, K. Ganesan – A.R. Publications – 2000.
2. Operations Research by S.D. Sharma – S. Chand & Co – 2000

References:

1. Operations research by HamdyTaha – Mcmillan Publishing company – New York – 1995
2. Operations research by S.D. Sharma – S. Chand & Co – 2001.

Course outcomes

CO –I	To introduce the meaning and scope of operation research
CO –II	To give practical exposure to Linear programming problems
CO –III	To give practical exposure to transportation and assignment problems
CO –IV	To helps to facilitates the learning of network analysis
CO –V	To give practical exposure to sequencing and game theory

Paper 6 PERSONALITY DEVELOPMENT

Course Objective: To make aware about the importance of personality and development in the business world. To make the students follow the good personality and create a good relationship with others.

Unit 1 Personality Development – Introduction 12

The Concept Personality - Dimensions of Personality – Term Personality Development – Significance. The Concept of Success and Failure What is Success? – Hurdles in Achieving Success – Overcoming Hurdles – Factors Responsible for Success – What is Failure? – Causes of Failure – Do’s and Don’ts - Regarding Success and Failure.

Unit 2 Attitudes and Values 12

Attitude – Concept – Significance – Factors Affecting Attitudes – Positive Attitude – Advantages – Negative Attitude – Disadvantages – Ways to Develop Positive Attitude – Difference between Personalities Having Positive and Negative Attitude.

Unit 3 Motivation 12

Concept of Motivation – Significance – Internal and External Motives –Importance of Self-Motivation – Factors leading to De-motivation – Theories to Motivation.

Unit 4 Self Esteem and Smart**12**

Term Self-Esteem – Symptoms – Advantages – Do's and Don'ts to Develop Positive Self-Esteem – Low Self-Esteem – Symptoms – Personality having Low Self-Esteem – Positive and Negative Self-Esteem. Interpersonal Relationships – Teaming – Developing Positive Personality – Analysis of Strengths and Weaknesses. Concept of Goal-Setting – Importance of Goals – Dream Vs Goal – Why Goal-Setting Fails? – Smart (Specific, Measurable, Achievable, Realistic, Time-Bound) Goals – Art of Prioritization – Do's and Don'ts.

Unit 5 Body Language, Stress Management & Time Management**12**

Body Language – Assertiveness – Problem - Solving – Conflict and Stress Management – Decision-Making Skills – Positive and Creative Thinking – Leadership and Qualities of a Successful Leader – Character – Building – Team – Work – Lateral Thinking – Time Management – Work Ethics – Management of Change – Good Manners and Etiquettes (Concept, Significance and Skills to Achieve Should be studied.)

Total Hours: 60**Topics Prescribed for Workshop/Skill Lab: 12**

- A) Group Discussion
- B) Presentation Skill

Course outcomes

- CO –I To understand the concept of personality development technique
- CO –II Familiar with positive attitudes and practice
- CO –III Knowledge about theories of motivation
- CO –IV How to improve the self-esteem and personality
- CO –V Aware of body language and stress & time management

Paper 7**ETHICS AND VALUES – I**

Course Objective: To help the students to understand the significance of ethics and values in business and life. To understand ethical issues and not to fall prey to unethical practices and to be socially responsible

Unit I Introduction:**12**

Why Value education – Ethical reflection – What is ethics? - Swamy Vivekananda

Unit II Approach to life: 12

Approach to life – Happiness as goal – Historical perspective – Life in the past and present.

Unit III Kinds of Values: 12

Kinds of values – Living Excellence – Antony Robbins – Concern for others – Student's definition - Why concern.

Unit IV Goals and human rights : 12

Use goals to help you grow – David J Schwartz – essential characteristics of human rights – H.Victor Conde

Unit V Influence of Science and technology in Social Life 12

Social relevance of Science and technology - Economic awareness – Economic features – status of women – Mass media and values

Total Hours: 60

Textbook:

1.Touchstone – synergy of values – University of Madras

Reference book :

2. In harmony – Value Education at college Level – Dept. of Ethics and Religious Studies - Loyola College – Madras

Course outcomes

CO –I Aware of significance of value of life

CO –II Knowledge about kinds of values and approach to life

CO –III Familiar with prospective life style

CO –IV How to set goal in life

CO –V Role of science and technology in day to day life

SEMESTER – IV

Paper 1 - Languages – Tamil/English/French -IV

Paper 2 - English - IV

Paper 3

INDIAN ECONOMY - II

Objective : To understand different concepts of national income and recent issues like LPG, IMF, IBRD and WTO.

Unit I

12

Industrial finance - need and sources of credit - Financial Institutions (IFCI,SFC, ICICI, IDBI, SIDBI, IIBI, EXIM bank) Foreign Capital-various forms (Public vs. Private and Loans vs, Investments) FDI and FII.

Unit II

12

Privatization and Economic Reforms; Public vs. Private Sector- New Economic Policy (Liberalization, Privatization and Globalization); Economic Reforms phase-I (1985-1990); phase II 1991& after; (reforms pertain to the following policies: Fiscal, Monetary, Pricing, Industrial, Trade, public Sector, External and Foreign Investment) Common Minimum Programme (CMP).

Unit III

12

Human Resource and Economic Development; Unique demographic features in India (growth rate, density, sex wise and age wise distribution, etc.,) New Population Policy (Integration of Economic and Population Planning). Unemployment and Poverty: - Remedial measures and Govt. schemes like IRDP, Micro Finance, etc., Business Process Outsourcing (BPO) - The Problems and Benefits to India.

Unit IV

12

Labour Economics; Trade Unions – Industrial Relations- (Industrial Disputes)- Mechanization and labour problems – Labour Legislation- Social Security Schemes – recent policy changes- contributory pension schemes, etc.,

Unit V**12**

Foreign Trade and Balance of Payments – Position, Problems and measures to improve balance of payments- India in the Global Market. Functions of IMF, IBRD and WTO.

Total Hours: 60**Reference books:**

1. Rudar Dutt & K.P.M Sundaram, Indian Economy, S. Chand & co.,
2. M.I Jhigan, Economics of Development & Planning, Konark Publishers, New Delhi.
3. Dr. S. Sankaran, Indian Economy, Margham Publications, Chennai.

4. RBI Bulletin, Primit Chandhury, The Indian Economy, Poverty and Development, Vikas Publishing House, New Delhi.
5. Velayutham, Foreign Trade, Theory & Practice, S. Chand & co.,

Course outcomes

- CO1 Knowledge about significance and need for industrial finance
- CO2 Knowledge about New economic policy - 1991.
- CO3 Aware of human resource and economic development
- CO4 Knowledge on the objectives of trade unions
- CO5 Familiar with infrastructure of Indian economy

Paper 4**MONETARY ECONOMICS –II**

Objective : To understand the structure of Indian banking system and other banking institutions and banking policies of India.

UNIT – I**12**

Commercial Bank, Structure and Functions – Credit Creation – Balance Sheet of a Bank.

UNIT – II**12**

Nature and Principles of Central Banking – Function of RBI in India – Organization and Management – RBI and Monetary Policy.

UNIT – III**12**

Lead Bank Scheme – Objectives of Scheme – Criticism of Lead Bank Scheme – Criticism of Performance of Nationalized Banks – Recommendations of Narasimhan Committee on Financial System.

UNIT – IV

12

Role of NABARD, SIDBI in Agricultural – Industrial Reconstruction Bank of India.

UNIT – V

12

Background of I.M.F – Objective – Functions of IM.F – SDR, (Special Drawing Rights Schemes - IBRD.

Total Hours: 60

Books for Reference:

- | | | |
|-------------------------------|----------|---------------------------|
| 1. Gupta S.B. | : | Monetary Economics |
| 2. Sethi.T.T | : | Monetary Economics |
| 3. Kishore, G.kulkarni | : | Modern Monetary. |

Course outcomes :

- | | |
|-----|--|
| CO1 | Aware of nature and functions of commercial banks |
| CO2 | Knowledge on methodology of central banking system. |
| CO3 | Knowledge on lead bank scheme and its functions |
| CO4 | knowledge on role of NABARD, RRB, IDBI and ICICI |
| CO5 | Aware of IMF and IBRD and their role in Indian economy |

Paper 5

HUMAN RESOURCE MANAGEMENT

Objective : To understand significance, role and planning & development of HRM

Unit - I Introduction to HRM **12**

Definition and concept of HRM – evolution from Personnel Management- Importance and functions of HRM – Activities and role of HR manager – Challenges of HRM

Unit - II Human Resources Planning **12**

Definition and objectives of Human Resource planning- process of Human Resource planning factors influencing estimation of Human Resources.

Concept of Recruitment-Recruitment policy-Sources of Recruitment-Selection procedure – Promotion and demotion policy- Recruitment process outsourcing (RPO)

Unit - III Training and Development **12**

Meaning and Definition- Need-Objectives-Importance of Training-Training Methods-Evaluation of Training Programme Concept of Management Development Management Development Process and methods Evaluation of Management Development Programme

Unit - IV Performance Appraisal **12**

Concept and objectives of performance Appraisal- Process Performance Appraisal Methods- Uses and limitations of Performance Appraisal

Unit - V Contemporary Issues **12**

Talent management - Workplace Stress – women at work – violence at workplace – the Moonlight effect Flexibility and Change - Managing Knowledge and Learning - Managing an International Workforce - Developing HR Strategies – HR in electronic era.

Total Hours: 60

Text Books:

- 1) V. P. Michael, Human Resource Management & Human Relations, Vikas Publishing House, 2007
- 2) P. C. Pardeshi, Human Resource Management. Nirali Prakashan pub, 2013
- 3) C. B. Mamoria, Personnel Management, Himalaya Publishing, 2005
- 4) Rao, V.S.P, Human Resource Management- Text and Cases, Excel Books, 2001

the following ecosystem :Forest ecosystem, Grass land ecosystem, Desert ecosystem, Aquatic ecosystem.

UNIT IV BIODIVERSITY AND ITS CONSERVATION 12

Introduction - Definition, genetic, species and ecosystem diversity - Bio-geographical classification of India - Value of Bio-diversity - Bio-diversity at global, National and Local levels - India s a mega-diversity nation - Hot-Spots of diversity - Threats to diversity: Habitats loss, poaching of Wild life, man wild life conflicts - Endangered and Endemic species of India In-Situ conversation of Bio-diversity.

UNIT V ENVIRONMENTAL POLLUTION AND HUMAN RIGHTS 12

Definition - Causes, effects and control measures of : Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear pollution - Soil pollution management: Causes, effects and control measures of urban and industrial wastes - Role of an individual in prevention of pollution - Pollution – Case studies -Disaster Management – Flood, earthquakes, cyclone of landslides Environment and human health - Human rights - Value education - HIV/AIDS - Women and child welfare - Role of information technology in Environment and Human health - Case study.

Total Hours: 60

Text book:

1. Dr. Shradhasinha, Dr.Manishashukula, Dr. Ranjana Shukla, “Environmental studies, Kurukshetra University. August 2014.

References:

1. Dr. N. Arumugam, Prof.V. Kumaresan, “Environmental studies”, Saras Publication, 2014.
2. Thangamani&ShyamalaThangamani, “Environmental studies”,Kurukshetra University. August 2013.

Course Outcomes

CO-I Understand key concepts from environment studies , political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.

CO-II To understand and appreciate concepts and methods from renewable and non-renewable sources and their application in environmental problem solving.

CO-III Students can acquire knowledge on ecosystem, Food Chains, and historical context of environmental issues and the links between human and natural systems.

CO-IV Students understand critically on Bio-diversity , threats for Bio-diversity and their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

ETHICS AND VALUES – II

Course Objective: To help the students to understand the significance of ethics and values in business and life. To understand ethical issues and not to fall prey to unethical practices and to be socially responsible

Unit I Introduction: 12

Need for value education and its role in socio-economic-political development.

Unit II Approach to life: 12

Views and messages of Swamy Vivekananda on value education and ethics.

Unit III Theories of Values and ethics: 12

Theories of values & ethics and its impact on economic development and social life.

Unit IV Goals and human rights : 12

Compatibility of human life and ethics & values. Religion and values & ethics – Goals of human life.

Unit V Science and technology and ethics 12

Social responsibilities of innovators, entrepreneurs and traders – Professional ethics – Doctors. Professors, engineers, lawyers. Politicians, public servants and civic sense of individuals.

Total Hours: 60

Textbook:

1. Touchstone – synergy of values – University of Madras
Reference book

2. In harmony – Value Education at college Level – Dept. of Ethics and Religious Studies
- Loyola College – Madras.

Course outcomes

- CO –I Aware of significance of values in social and political life
- CO –II Familiar with views of Swami Vivekananda on Values
- CO –III Familiar with Theories of values
- CO –IV Aware of modern science and values
- CO –V Role of individual in social life

SEMESTER V

Paper 1

FISCAL ECONOMICS –I

Objective : To understand fundamental elements of theories of taxation, public expenditure and revenues

UNIT – I

12

Introduction – Definition and Meaning –Scope of Public Finance – Need for Government Activity- Distinction between Private and Public Finance

UNIT – II

12

Public Expenditure - Causes and Effects of Public Expenditure with reference to India – Relationship of Public Finance with other subjects.

UNIT – III

12

Main Sources of Public Revenue; Classification of Public Revenue – Public Receipts of Government of India – Revenue Receipts and Capital Receipts.

UNIT – IV

12

Introduction, Definition – Characteristics – Classification of a Tax – Direct and Indirect Taxes –Canons of Taxation.

UNIT – IV

12

Personal Income Tax – Categories of Income Taxed – Taxable Income of an Individual – Capital Gains Tax- Excess Profit Tax- Expenditure Tax- Wealth Tax-Property Tax – Estate Duty- Sales Tax- Value Added Tax.

Total Hours: 60

BOOKS FOR REFERENCE:

- 1. Tyagi.B.P.: Public Finance.**
- 2. Dr.S.Sankaran: Fiscal Economics**
- 3. Sundaram .K.P.M: Fiscal Economics**

Course outcomes :

- CO1 Aware of nature and scope of fiscal economics
- CO2 Knowledge about causes and effects of public expenditure
- CO3 Knowledge on classification of public revenue
- CO4 Aware of theories of taxation
- CO5 Able to understand property tax, wealth tax, estate duty and GST

Paper 2

MACRO ECONOMICS –I

Objective : To understand macroeconomic concepts like National income accounting, consumption functions and determinants of investments.

UNIT-I

12

Nature, scope and importance of Macroeconomics- limitation-variables- Dependent and Independent – endogenous-exogenous-stock and flow-circular flow of income- four sector model

UNIT-II

12

National Income- Definition- Concepts- GNP- GDP-NNP- Personal Income- Real Income- Disposable Income- Per capita Income-Measurement of National Income- Income Method- Expenditure Method- Product Method- Difficulties in the measurement of National Income

UNIT-III

12

Classical Theory of Income and employment- Say's Law of Market- Assumption- Implications of the Law

UNIT-IV

12

Consumption function- Meaning- Determining Consumption Function- Subjective and Objective Factors- Keyn's psychological Consumption- Theories of Consumption Function- Absolute Income Theory- Relative Income Theory- Permanent Income Theory- Life Cycle Hypothesis

UNIT-V

12

Investment Function-Meaning- Types-Determinants of Investments- MEC- Factors affecting MEC- MEI- Keynesian Model of Income and Employment Determination

Total Hours: 60

Books for Reference

1. M.L.Jhingan, "Macro Economic Theory"
2. Vaish. M.C "Macro Economic Theory"
3. Sankaran. S "Macro Economics"
4. Brooman, "Macro Economics"
5. Derberg and Mc. Dougal, "Macro Economics"

Course outcomes

CO1 Aware of scope and nature of macroeconomics

CO2 Knowledge on different concepts of national income

CO3	Aware of classical theory of income and employment
CO4	Familiar with the consumption functions and MEC
CO5	Aware of investment functions and determinants

Paper 3

HISTORY OF ECONOMIC THOUGHT

Objective : To know the biography and economic views of Indian and world economists

Unit I	12
Nature and Significance of the History of Economics thought – Mercantilism – Physiocracy	
Unit II	12
Classical school – Adam Smith – T.R. Malthus – D Ricardo – J.S Mill – J.B. say.	
Unit III	12
Role of Socialism – Karl Marx – Different schools of Socialism, utopian – Christian – Fabian – Syndicalism – Guild Socialism	
Unit IV	12
Historical school – List – Veblen and institutional school – Marginal school and Austrians School	
Unit V	12
Indian Economic Thought - D. Naoroji – Rajaji– Gokhale – M.K Gandhi – B.R. Ambedkar – E.V.R Periyar	
Total Hours: 60	

REFERENCE

1. E. Roll – History of Economic Thought.
2. A. Grey – Development of Economic Doctrines.

3. L.H. Haney – History of Economic Thought.
4. Dr. Shanmuga Sundaram – Indian Economic Thought Development and Policies.
5. V.B.Singh - From Naoroji to Nehru.
6. Srivatsava – History of Economic Thought
7. T.N. Hajela - History of Economic Thought
8. Sankaram . S – A History of Economic Thought

Course outcomes

- CO1 Aware of nature and scope of economic thought
- CO2 Knowledge about classical economists, Adamsmith, Malthus, Recardo J.S.Mill, and J.B Say
- CO3 Knowledge on socialism and different schools of socialism
- CO4 Able to distinguish between Historical school, Institutional schools and Marginal schools
- CO5 Aware of Indian economic thoughts – Nehruji, Gokhale, M.K. Gandhi, B.R. Ambethkar and E.V.R. Periyar

Paper 4

LABOUR ECONOMICS

Objective : To study the labour issues with reference to Indian scenario and labour relations in India

UNIT – I

12

Introduction - Labour Economics – Meaning – Definition – Concept – Nature, Scope and Importance – Labour as a unique factor of production

UNIT – II

12

Labour Market - Concept of labour Market and its features –Determinants of the supply and the demand for labour – Organized and unorganized labour - Major issues in the Indian Labour market – labour absenteeism and labour turnover – Labour Productivity in India

UNIT – III**12**

Trade Unionism - Meaning – Definition – Labour movement and the trade union – Origin and growth of trade unionism – Functions and role of trade unions

UNIT – IV**12**

Wage – Methods of Wage Payment – theories of wages – Wage fund theory – Subsistence theory of wages – Marginal productivity theory of wages – exploitation theory of wages – bargaining theory – demand and supply theory – Wage policy – objectives and importance – Minimum Wage – Fair wage – Living wage

UNIT V**12**

Labour Unions in India- Growth, Pattern, Structure and Achievements of Labour Union in India - Causes of Industrial Disputes and their settlement and preventive mechanism - Social Security – Meaning – Significance – Need for social security – Growth and Development of Social Security in India - Labour Market reforms

Total Hours: 60**Reference:**

- Jiwitesh Kumar Singh, (1998), Labour Economics – Principles, Problems and Practices. Deep and Deep Publications Pvt Ltd, New Delhi.
- Bhagoliwal T.N (2000), Economics of Labour and Industrial relations. Sahitya Bhavan, Agra.
- McConnel C.R. and S.L. Brue (2002), Contemporary Labour Economics, McGraw Hill, New York.
- Mittal and Sanjay Prakash Sharma (2000), labour Economics, RSBA Jaipur

Course outcomes

- | | |
|-----|---|
| CO1 | Aware of nature and scope of labour economics |
| CO2 | Aware of labour market and its features. |
| CO3 | Knowledge on growth, functions and role of trade unions |
| CO4 | Aware of theories of wages |

CO5 Knowledge on social security system

Paper 5

HEALTH ECONOMICS

Objective : To understand fundamental elements of health economics and demand and supply of healthcare products and services and health policies

UNIT-I

12

Health Economics-Definition and Scope- Health Indicators-Birth Rate -Death Rate-Fertility Rate-Mortality-Morbidity- Disability-Life style Status.

UNIT-II

12

Determinants of health – Components of Health Programmes Spatial Distribution of Health Care Facilities- Pricing of Health Services -Multiple Services of a Hospital.

UNIT-III

12

Demand for Health and Health Services- Health Insurance- Need for Health Insurance for the poor, disabled and aged- Demand for Medical Care- Consumer Incentive in Health Care- Inter-Relationship between nutrition-Health and Education.

UNIT-IV

12

Health Education- Health awareness- Indian System of Medicine- Siddha-Homeopathy- Unani and Ayurveda- Public Expenditure on Health- Resource allocation in Health Sector- Medical Tourism- Impact on Indian Economy.

UNIT-V

12

Provision of Health Services by the government -Private benefits and cost of providing health services- - Village Health Sanitation and Nutrition -Family Planning - A Review of Indian National Health Policy in providing health care and financing of Health Services.

Total Hours: 60

Books References:

- Dr.D.Amutha – Health Economics
- Pushpalata Pattnaik- Health Economics
- Jay Bhattacharya- Health Economics
- Frank A. Sloan – Health Economics
- James W.Henderson- Health Economics

Course outcomes

CO1	Aware of nature and scope of health economics
CO2	Knowledge about determinants of health
CO3	Knowledge on demand for and supply of health care products and services
CO4	Aware of health education and their importance
CO5	Familiar with National health policy and financing health services

Paper 6

PROJECT MANAGEMENT – I

Course Objective: To initiate students into the starting of a project and to help them to execute the project successfully. To give theoretical knowledge for a rich experience.

Unit I Introduction: 12

Project – Meaning – definition – Characteristics of project – scope of the management – Benefits of project management.

Unit II Project selection: 12

Macro parameters in project selection, Different consideration for project under private, public and joint sector

Unit III Project Appraisal 12

Project appraisal – different types of appraisal – technical, economic, organizational, managerial, commercial and financial

Unit IV Project financing

12

Project financing - pattern of financing – sources of finance - impact of taxation, public loans small savings.

Unit V Project Administration (CPM)

12

Project administration – progress payment – expenditure planning, project scheduling and network planning use of Critical Path Method (CPM)

Total Hours: 60

Text book:

1. C.B. Gupta, “Project Management”. A.P.H Publishing Corporation, New Delhi, 2000

Reference Book:

2. Judith Dwyer, Pauline Stanton, “Project Management”, Valerie Thiessen, First published in 2004.

Course outcomes

CO1	Familiar with nature and scope of project management
CO2	Knowledge about Project evaluation
CO3	Knowledge on Project finance
CO4	Aware of Project administration and practice
CO5	Familiar with procedure of project selection

Paper 1

FISCAL ECONOMICS -II

Objective : To understand classification of public debt and different types of budget

UNIT – I

12

Definition, Classification, Sources of Public debt; Redeemable and Irredeemable Debts- Funded and Unfunded Debts - Management of Public Debt.

UNIT – II**12**

Meaning and Definitions of Budget; Importance of the Budget –Budgetary Policy, Balanced and Unbalanced Budget – Zero Base Budgeting in India.

UNIT – III**12**

Principles of Federal Finance- Conflicts between the Centre and the States in Federal Finance- Finance Commissions – Acceptance of Recommendations of the Eleventh and Twelfth Finance Commission

UNIT – IV**12**

Fiscal Policy – Objectives – Components of Fiscal Policy- Instruments of fiscal policy- deficit financing policy-Railway finances since 1924-25 – Financial Results of Railways.

UNIT – IV**12**

Local Finance- GRAM Panchayats (Village Panchayats) – Municipalities – Finances of Local Bodies – Non – Tax Revenue – Abolition of Octroi Duties – Causes for Abolition of Octroi.

Total Hours: 60**Books for Reference:**

1. Sundaram .K.P.M: Fiscal Economics
2. Bhatia: Public Finance.
3. Chellaiah .R: Fiscal Policy in under developed Counties.
4. U.R.Hicks : Public Finance.

Course outcomes:

- | | |
|-----|---|
| CO1 | Aware of sources and classification of public debts |
| CO2 | Knowledge about different types of budget |
| CO3 | Knowledge on central-state relations |
| CO4 | Familiar with objectives and tools of fiscal policies |

CO5

Aware of local finance and problems of local bodies

Paper 2

MACRO ECONOMICS –II

Objective : To understand the keynesian issues in economics like General equilibrium, ISLM and income and employment determination

UNIT-I

12

Post-Keynesian Analysis - General Equilibrium – Hicks – Hansen synthesis (ISLM curve).

UNIT- II

12

Integration – Monetary and Real sector – Don patinkins’s analysis – Baumol’s approach – James Tobin’s Portfolio analysis.

UNIT- III

12

Classical – Keynesian – Monetarist approaches to inflation – causes- types- effects- anti-inflationary- Philip’s curve.

UNIT-IV

12

Keynesian theory of Demand – Keynesian Revolution and its application to less developed countries.

UNIT- V

12

Macro-economic objectives and Policies – Instruments.

Total Hours: 60

Books References:

- M.L. Jhingan - Macro Economics
- A.L. Ahuja – Macro Economics theory and policy
- Chandana Ghosh & Ambar Ghosh - Macro Economics
- Olivier Blanchard- Macro Economics

Course outcomes

- CO1 Aware of general equilibrium and ISLM model
- CO2 Knowledge on Don Patinkin's analysis and Boumal's approach and Tobin's analysis
- CO3 Familiar with causes and types of inflation
- CO4 Knowledge on Phillip's curve
- CO5 Familiar with objectives and tools of macroeconomic policies

Paper 3

MANAGERIAL ECONOMICS

Objective : To study the application of economics concepts for the modern business

Unit I: Introduction to Managerial Economics **12**

Definition –Nature and scope – Decision Making – Risk and Uncertainty- Concept of efficiency

Unit II: Law of Demand and Supply **12**

Demand – Law of Demand – Elasticity of demand –Law of supply – Demand forecasting – Consumer durable and Capital Goods- Consumer surplus .

Unit III : Classification of cost and theories of Profit **12**

Cost classification –Short run and long run – cost function –Theories of Profit – Profit maximization –Break even Analysis.

Unit IV: Laws of Diminishing returns and Economics of Scale **12**

Production function- Law of variable proportion- Law of returns of scale – Law of diminishing returns –Economic of scale

Unit V:Types of Markets and Types

12

Price and output determination – Under perfect competition – Monopoly – Monopolistic competition – Oligopoly pricing – Objectives and methods .

Total Hours: 60

Text Books :

S. Sankaran “Managerial Economics” Margham Publication , Chennai, 2008

R.L. Maheswari , “Managerial Economics”

Course outcomes

- CO1 Familiar with nature and scope of managerial economics
- CO2 Knowledge on price elasticity and indifference curve.
- CO3 Knowledge on cost and revenue concepts and BEP
- CO4 Aware of factors of production and law of returns to scale
- CO5 market Classifications, Competition and price determinations.

Paper 4

INTERNATIONAL ECONOMICS

Objective : To understand fundamental elements and need for International trade

UNIT I INTERNATIONAL TRADE

12

Introduction – Definition – Need – Types International Trade – Difference Between Internal and International Trade - Importance of International Trade in Global Context.

UNIT II THEORIES OF FOREIGN TRADE

12

Theories of Foreign Trade, Absolute, Comparative and Equal Cost Differences (Adam Smith, Ricardo, Haberler’sHeckscher and Ohlin Theories only) .

UNIT III BALANCE OF PAYMENT AND BALANCE OF TRADE 12

Balance of Trade, Balance of Payment – Concepts – Balance of Payment, Causes of Disequilibrium – Fixed and Floating Exchange Rates.

UNIT IV INTERNATIONAL MONETARY SYSTEM 12

Market, International Monetary System – International Liquidity – IBRD – Money.

UNIT V WTO AND INDIA 12

WTO and Its Implication with special Reference to India. Trips & Trims.

Total Hours: 60

Text books:

1. Dr.s. Sankaran, “International Economics”, Margham Publications, 2015.
2. Peter B. Kenen, “International Economics”, Cambridge university Press, Low Price edition, 1996.

References:

1. Robert.J, “International Economics”, Thomson, 2008.
2. Dominick Salvatore, Ph.D, “International Economics”, Tata Mcgraw – Hill Publishing Company limited, 2005.

Course outcomes

- CO1 Aware of the gains of International trade
- CO2 Knowledge about theories of international trade.
- CO3 Knowledge on BOP and BOT
- CO4 Aware of objectives and functions of IMF
- CO5 Aware of WTO and GATT – and familiarity with TRIMS and TRIPS

Paper 5

ENVIRONMENTAL ECONOMICS

Objective : To know the importance of environmental factors which influencing the economy and to understand the concepts of global economy, environmental pollution and Green house effect.

UNIT- I Definition- Role and Significance of Environmental Economics 12

Introduction- Economics and Environment- Definition and role of Environmental Economics- Scope and significance of Environmental Economics- Integration of Conservation and Development.

UNIT- II Energy Economics 12

Energy- Sources of Energy- Classification- Renewable non-renewable sources of energy- Conventional and non- conventional energy sources- Direct and Indirect- Patterns of energy consumption- Atomic energy- Energy policy and Environmental quality.

UNIT- III Global Warming and Green House Effect 12

Global Warming- Effects- depletion of Ozone Layer- Green House Effect-Contribution of India towards global warming- Programmes in India- Climate change conservation.

UNIT- IV Environmental Pollution 12

Introduction- Classification of Pollution- Air Pollution- Water Pollution- Noise Pollution- Land Pollution- Soil Pollution- Industrial pollution, Identification of Sources- Control of Pollution.

UNIT- V Population and Urbanization Impact on Environmental Quality 12

Malthusian Prediction- Increase in Population- Effects of over population and Urbanization- Problems and Impact- Indian Environmental Policy and performance.

Total Hours: 60

Books of Reference

Dr. Karpagam -Environmental Economics

Financial techniques for project appraisal and feasibility – discounted cash flow and non-discounted cash flow methods, social cost benefits analysis and economic rate of return - Non-financial justifications of projects

Unit IV Project funding

12

Surplus of public enterprises – deficit financing – foreign aid – public sector project financing. Role of tax planning in project financing

Unit V Project Administration (PERT)

12

Concepts and uses of Projects Evaluation and Review Technique (PERT) – cost as a function of time – project evaluation and review techniques/cost mechanisms

Total Hours: 60

Text book:

- C.B. Gupta, “Project Management”. A.P.H Publishing Corporation, New Delhi, 2000

Reference Book:

- Judith Dwyer, Pauline Stanton, “Project Management”, Valerie Thiessen, First published in 2004.

Course outcomes

- CO1 Aware of procedure of project formulation
- CO2 Knowledge about Preparation of project
- CO3 Knowledge on Methods of project evaluation
- CO4 Aware of different types of project funding
- CO5 Application of Project Evaluation and Review Technique