

**B.A. Economics
Courses Offered**

Semester	Course	Subject Code	Paper	Hours/ Week	Credits
I	Part I	TL1711 FL1711	Language: Tamil French	6	3
	Part II	GE1712	General English: B Stream	6	3
	Part III	FC1711	Major Core I: Micro Economics - I	6	5
		FA1711	Allied I: Economic Statistics - I	6	4
	Part IV	AEC171	Ability Enhancement Compulsory Course (AECC): English Communication	2	2
		FNM171	Non Major Elective Course (NMEC): Marketing	4	2
		VEC172	Foundation Course I: Values for Life	-	-
	Part V	SDP172	Skill Development Programme (SDP): Certificate Course	-	-
		STP174	Student Training Programme (STP): Clubs & Committees / NSS	-	-
II	Part I	TL1721 FL1721	Language: Tamil French	6	3
	Part II	GE1722	General English: B Stream	6	3
	Part III	FC1721	Major Core II: Micro Economics - II	6	5
		FA1721	Allied II: Economic Statistics - II	6	4
	Part IV	AEC172	Ability Enhancement Compulsory Course (AECC): Environmental Studies	2	2
		FNM172	Non Major Elective Course (NMEC): Salesmanship	4	2
		VEC172	Foundation Course I: Values for Life	-	1
	Part V	SDP172	Skill Development Programme (SDP): Certificate Course	-	1
		STP174	Student Training Programme (STP): Clubs & Committees / NSS	-	-
III	Part I	TL1731 FL1731	Language: Tamil French	6	3
	Part II	GE1732	General English: B Stream	6	3
	Part III	FC1731	Major Core III: Mathematical Methods - I	6	5
		FC1732	Major Core IV: Monetary Economics	5	5
		FA1731	Allied III: Entrepreneurial Development	5	5
	Part IV	SBC173/ SBC174	Skill Based Course (SBC): Meditation and Exercise / Computer Literacy	2	2
		VEC174	Foundation Course II: Personality Development	-	-
	Part V	STP174	Student Training Programme (STP):	-	-

			Clubs & Committees / NSS		
		SLP173	Service Learning Programme (SLP): Extension Activity (RUN)	-	1
IV	Part I	TL1741 FL1741	Language: Tamil French	6	3
	Part II	GE1742	General English: B Stream	6	3
	Part III	FC1741	Major Core V: Mathematical Methods - II	6	5
		FC1742	Major Core VI: Economics of Banking	5	4
		FA1741	Allied IV: Introduction to Accounting with Tally	5	5
	Part IV	SBC173/ SBC174	Skill Based Course (SBC): Meditation and Exercise / Computer Literacy	2	2
		VEC174	Foundation Course II: Personality Development	-	1
	Part V	STP174	Student Training Programme (STP): Clubs & Committees / NSS	-	1
V	Part III	FC1751	Major Core VII: Macro Economics - I	6	5
		FC1752	Major Core VIII: Indian Economy - I	6	5
		FC1753	Major Core IX: International Economics – I	6	5
		FC17PR	Project	5	5
		FC1754 FC1755 FC1756	Elective I: (a) Research Methodology (b) Economics of Social Issues (c) Labour Economics	5	5
	Part IV	FCSK51	Skill Based Course (*SBC): Verbal and Non-verbal Reasoning	2	2
		HRE175	Foundation Course III: Human Rights Education (HRE)	-	1
VI	Part III	FC1761	Major Core X: Macro Economics - II	5	5
		FC1762	Major Core XI: Indian Economy - II	6	5
		FC1763	Major Core XII: International Economics - II	6	5
		FC1764	Major Core XIII: Economics of Development and Planning	6	5
		FC1765 FC1766 FC1767	Elective II: (a) Public Finance (b) Ecology and Economic Development (c) Computer Applications in Economics	5	4
	Part IV	FCSK61	Skill Based Course (*SBC): Home Management	2	2
		WSC176	Foundation Course IV: Women's Studies (WS)	-	1
			TOTAL	180	140 + 3

Semester I
Major Core I: Micro Economics – I
Sub. Code: FC1711

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

Objectives

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

Unit I: Basics of Micro Economics

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

Unit II: Consumption

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

Unit III: Elasticity of Demand and Elasticity of Supply

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

Unit IV: Indifference Curve Analysis

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

Unit V: Production

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

Text Books

1. Devairakkam, S. (2001). *Micro Economics*, (4th ed.). Tirunelveli: D.S.R Publications.

2. Maria John Kennedy. (1999). *Advanced Micro Economic Theory*, (10th ed.) Mumbai: Himalaya Publishing House.

Reference Books

1. Jhingan, M.L. (2012). *Principles of Micro Economics*, (7th Revised ed.). New Delhi: Vrinda Publications (P) Ltd.
2. Cauvery. (1998). *Micro Economic Theory*, (1sted.). New Delhi: S.Chand & Company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7th ed.). Madras: Margham Publications.
4. Seth, M.L. (2006). *Micro Economics*. (22nd Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.

Semester I
Allied I: Economic Statistics - I
Sub. Code: FA1711

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

Objectives

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

Unit I: Statistics

Meaning - Horace Secrist's definition – Characteristics of statistics – Origin & Growth of Statistics - Functions – Importance of Statistics - Limitations – Organization of statistical survey.

Unit II: Organisation of Statistical Survey

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

Unit III: Classification and Presentation of Data

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

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

Unit IV: Measures of Central Tendency

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

Unit V: Measures of Dispersion

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

Text Book

Muthuswamy. (1984). *Statistics*, (2nd ed.). Tirunelveli: Jothi Publications.

Reference Books

1. Gupta, S.P. (1998). *Statistical Methods*. (28th ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.P. (1981). *Fundamentals of Statistics*, (5th ed). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19th ed.). New Delhi: S. Chand & Company Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.

Semester I
Marketing (NMEC)
Sub. Code: FNM171

No. of Hours per Week	Credits	Total No. of Hours	Marks
4	2	60	100

Objectives

1. To train the students to effectively sell and market any product or service of any industry.
2. To know the types of selling and marketing techniques and become a specialist in business which facilitates to create employment.

Unit I: Market and marketing

Meaning of market – Definition – Classification – Marketing – Meaning – Features–
Role of Marketing in Economic Development

Unit II: Buying, Assembling and Selling

Kinds of buyers – Problems of buying – Assembling – Meaning, Advantages and
Problems – Elements of Selling.

Unit III: Product

Features – Classification – Product Mix – Product Life Cycle – Product differentiation –
Product Failure.

Unit IV: Branding and Packaging

Meaning – Reasons for Branding – Brand Name – Brand Mark – Packaging – Definition
– Growth – Types.

Unit V: Marketing Risk

Meaning – Causes of Marketing Risk – Methods of handling the risks: Prevention of risks
– Reduction of risks – Shifting of risks.

Text Book

Pillai, R.S.N. & Bagavathi, S. (1987). *Marketing*, (17th ed.) New Delhi, Chand & Company Ltd.

Reference Books

1. Sherlekar, S.A. & Krishnamoorthy, R. (2013). *Marketing Management* (14th ed.). Mumbai: Himalaya Publishing House.
2. Ajit Kumar Bansal. & Ajay Sharma. (2012). *Marketing Management* (2nd ed.). New Delhi: Vayu Education of India.
3. Agarwal, R.C. (2008). *Marketing Management* (7th ed.). Agra: Lakshmi Narain Agarwal, Educational Publishers.
4. Ramasamy, V.S. & Namakumari, S. (2003). *Marketing Management* (3rd ed.). New Delhi: Macmillan.
5. Philip Kotler. (2015). *Marketing Management* (15th ed.). New Delhi: Prentice Hall of India Pvt. Ltd.

Semester II
Major Core II: Micro Economics - II
Sub. Code: FC1721

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

Objectives

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

Unit I: Cost and Revenue

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

Unit II: Perfect Competition and Monopoly

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

Unit III: Monopolistic Competition, Oligopoly and Duopoly

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

Unit IV: Theories of Rent and Wages

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

Unit V: Theories of Interest and Profit

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

Text Books

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

Reference Books

1. Jhingan, M.L. (2012). *Principles of Micro Economics*, (7th Revised ed.). New Delhi: Vrinda Publications (P) Ltd.
2. Cauvery. (1998). *Micro Economic Theory*, (1sted.). New Delhi: S.Chand & company Ltd.
3. Sankaran, S. (2012). *Micro Economics*, (7th ed.). Madras: Margham Publications.
4. Seth, M.L. (2006). *Micro Economics*, (22nd Revised ed.). Agra: Lakshmi Narain Agarwal Educational Publishers.

Semester II
Allied II: Economic Statistics – II
Sub. Code: FA1721

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

Objectives

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

Unit I: Correlation

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

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

Unit III: Time Series Analysis

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

Unit IV: Index Numbers

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

Unit V: Probability

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

Text Book

Muthuswamy. (1984). *Statistics*, (2nd ed.). Tirunelveli: Jothi Publications.

Reference Books

1. Gupta, S.P. (1998). *Statistical Methods*, (28th ed.). New Delhi: Sultan Chand and Sons.
2. Gupta, S.P. (1981). *Fundamentals of Statistics*, (5th ed.). Bombay: Himalaya Publishing House.
3. Pillai, R.S.N. & Bagavathi. (2015). *Statistics*, (19th ed.). New Delhi: S. Chand & Company Pvt. Ltd.
4. Sencheti, D.C., & Kappir, V.K. (2008). (8th ed.). *Statistics Theory*. New Delhi: Methods and Application. Sultan Chand & Sons.
5. Harry Frank, Stevan & C. Althoen, (2011). *Statistics Concepts and Application*. (11th ed.). U.K: Cambridge University.

Semester II
Salesmanship (NMEC)
Sub. Code: FNM172

No. of Hours per Week	Credits	Total No. of Hours	Marks
4	2	60	100

Objectives

1. To know about the salesman and salesmanship.
2. To study the sales techniques, practices and procedure of sales motivation and incentives for employment.

Meaning – Definition – Characteristics — Kinds – Advertisement versus Salesmanship.
Salesman: types, qualities, duties and responsibilities.

Unit II: Recruitment, Selection and Training of Salesmen

Source of recruitment – Internal and external – Principles of selection – Selection procedure – Training - Meaning –Objectives - Principles – Method - Advantages – Disadvantages - Subject-matter of a good training programme – Limitations.

Unit III: Motivation and Incentives for sales force

Meaning – Motivating forces – Objective – Importance – Methods – Meaning of sales incentive – Differences between incentive and motivation – Methods.

Unit IV: Sales Organization and Sales Manager

Meaning – Definition – Objectives – Principles – Need and importance – Functions – Types – Factors determining sales organization – Meaning of sales manager – Types – Functions.

Unit V: Sales Promotion

Meaning – Definition – Objectives – Methods – Importance – Aggressive selling – Limitations of sales promotion.

Text Books

1. Agarwal, R.C. (1994). *Salesmanship and Advertising*, (7th Revised ed.). Agra, Lakshmi Narain Agarwal Publication.
2. Maraikumar, P.A. (1996). *Salesmanship*, (1st ed.). Palyankottai: Immanuvel Publication.

Reference Books

1. Mahendra Mohan. (1989). *Advertising Management*, (5th ed.). New Delhi, Tata Mc. Craw Hill.
2. Sahu, P.K. & Raut, K.C. (2009). *Salesmanship and sales management*, (8th ed.). New Delhi: Vikas Publishing house Pvt. Ltd.
3. Rustom, S. Davar Sohrab, R. Davar Nusli, R. & Davar. (2010). *Salesmanship and Publicity, Marketing*, (6th ed.). New Delhi: Vikas Publishing house Pvt. Ltd.
4. Ramasamy, V.S. & Namakumari, S. (2003). *Marketing Management* (3rd ed.). New Delhi: Macmillan.
5. Philip Kotler. (2015). *Marketing Management* (15th ed.). New Delhi: Prentice Hall of India Pvt. Ltd.

Semester III
Major Core III: Mathematical Methods – I
Sub. Code: FC1731

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

Objectives

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

Unit I: Elementary Mathematics

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

Unit II: Simple Functions

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

Unit III: Logarithms

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

Unit IV: Solving Equations

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

Unit V: Set Theory

Definition and types of sets – Operations on set – Venn diagram – De-Morgan's law.

Text Books

1. Bose, D. (2007). *An Introduction to Mathematical Economics*, Bombay: Himalaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: Jothi Publication.

Reference Books

1. Allen, R.G.D. (1999). *Mathematical Analysis for Economics*, London: Mac Millan Publishers.
2. Mongia, G.S. (2003). *Mathematics and Statistics for Economics*, New Delhi: Vikas Publishers.
3. Agarwal, D.R. (2003). *Mathematics for Economists*, New Delhi: Vrindha Publication.
4. Mehta B.C. and Madnani, (1999). *Mathematics for Economics*, New Delhi: Chand Publication.
5. Pazhani and Cyril Kanmony, (2003). *Mathematical Methods*, Nagercoil: J. R. Publishers.

Major Core IV: Monetary Economics

Sub. Code: FC1732

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	5	75	100

Objectives

1. To enable the students to understand the role of money, monetary standards, value of money and trade cycle.
2. To acquire theoretical knowledge about monetary standards, to understand the effects of changes in the value of money, the functioning of organizations dealing with money and find employment.

Unit I: Evolution and Functions of Money

Meaning – evolution of money – Functions of money: primary, secondary, contingent and static and dynamic – Kinds of money – Significance of money- Defects of money - Qualities of a good money material.

Unit II: Monetary Standards

Meaning – Monometallism – Bimetallism – Gresham's law – Gold Standard; Meaning – feature – Working – Types – Advantages and disadvantages – Causes for breakdown – Managed Paper Currency standard – Principles and system of note issue - Advantages and disadvantages of paper currency standard.

Unit III: Demand for and Supply of Money

Meaning -Factors governing demand for money – Keynesian motives – Theories - Quantity theory of money - Irving Fisher – Cambridge equations – Savings & Investment theory. Supply of money- Meaning – Note on determinants

Unit IV: Value of Money

Meaning of value of money – Difference between value of money and value of Commodity - Inflation: Meaning, Features, Causes and Effects – Inflationary gap – Types and Control – Deflation – Deflationary gap – Phillip's Curve – A note on Stagflation.

Unit V: Trade Cycles

Definition – Phases – Characteristics – Theories of trade cycle. Hayek's investment theory - Hawtrey's monetary theory, Schumpeter's innovation theory & Keynes's theory in terms of marginal efficiency of capital – Control of trade cycles.

Text Book

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

Reference books

1. Jhingan, M.L. (2006). *Money, Banking and International Trade*, New Delhi: Vrinda Publications (p) Ltd,
2. Sundaram, K.P.M. (2000). *Money, Banking and International trade* , New Delhi: Sulthan Chand & Sons.
3. Suraj B Guptha, (2006). *Monetary Economics Institutions Theory and Policy*, New Delhi: S. Chand & Company Ltd.
4. S. Sankaran, (2013) *Monetary Economics*, Chennai: Margham Publications.
5. Devairakkam, S. (2001). *Monetary Economics*. (8th ed.). D.S.R.Publications.

Semester III
Allied III: Entrepreneurial Development
Sub. Code: FA1731

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	5	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.

Unit I: Entrepreneurship

Definitions of Entrepreneurship – Characteristics of Entrepreneurs –Types of Entrepreneurs – Growth of Entrepreneurship in India – Kap's conceptual model – Women Entrepreneurship-Problems of women entrepreneurs – Difference between Entrepreneur and manager – Rural entrepreneurship.

Unit II: Entrepreneurial Motivation and Systems

Meaning and Characteristics of Motivation – Characteristics of Motivation – Importance of Motivation – Objectives – Theories of Motivation – Modern theories – Comparison of Maslow's need hierarchy and Herzberg's Motivation – Hygiene factors, principles of motivation – Essential of A successful motivational system – Mecaland achievement motivation theory – Problems or Hurdles in motivation – Motivational factors

Unit III: Project Identification and Classification

Meaning of project – Project Classification – Project Identification – Desk Research and Techno Economic Survey Technique.

Unit IV: Starting of an Industrial Unit and Promotion

Steps to start a Small Scale Industry – Problems of Small Scale Industries – Incentives and subsidies available – District Industries Centre- Functions - Industrial Estate – Meaning Objectives – Types.

Unit V: Institutions for Entrepreneurial Development

State Small Industries Corporation – Small Industries Development Corporation (SIDCO) in Tamilnadu – National Small Industries Corporation – Industrial and Technical Consultancy Organisation of Tamilnadu – National Alliance of Young Entrepreneurship –New Entrepreneurial Development Agency.

Text Book

Gupta, C.B. and Srinivasan,N.P. (2010). *Entrepreneurship Development*, New Delhi: Sulthan Chand & Sons.

Reference Books:

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

Semester IV
Major Core V: Mathematical Methods – II
Sub. Code: FC1741

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

Objectives

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

Unit I: Equation of a Straight Line

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

Unit II: Derivative and its Applications

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

Unit III: Partial Derivatives

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

Unit IV: Integral Calculus

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

Unit V: Matrices

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

Text Books

1. Bose, D. (2007). *An Introduction to Mathematical Economics*, Bombay: Himalaya Publication House.
2. Devairakkam, S. (2004). *Mathematical Methods*, Tirunelveli: Jothi Publication.

Reference Books

1. Allen, R.G.D. (1999). *Mathematical Analysis for Economics*, London: Mac Millan Publishers.
2. Mongia, G.S. (2003). *Mathematics and Statistics for Economics*, New Delhi: Vikas publishers.
3. Agarwal, D.R. (2003). *Mathematics for Economists*, New Delhi: Vrindha Publication.
4. Mehta B.C.and Madnani, (1999). *Mathematics for Economics*, New Delhi: Chand Publication.
5. Pazhani and Cyril Kanmony, (2003). *Mathematical Methods*, Nagercoil: J. R. Publishers.

Semester IV
Major Core VI: Economics of Banking
Sub. Code: FC1742

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	4	75	100

Objectives

1. To enable the students to understand the functioning of commercial banks, central bank and Reserve Bank of India.
2. To have an in-depth knowledge about practical banking, recent trends, use of credit instruments and compete in Bank examination and find jobs.

Unit I: Commercial Banking

Meaning, evolution and types – Functions of Commercial Bank – Credit creation – The process of credit creation – Balance sheet of a Commercial Bank – Social responsibilities – Role of commercial banks and Economic development

Unit II: Central Bank & Reserve Bank of India

Functions of a Central Bank – Objectives of Central Bank - Quantitative and Qualitative methods of credit control. Role and Functions of Reserve Bank of India.

Unit III: Money Market and Capital Market

Structure of money market – meaning – instruments - organized and unorganized money markets - Characteristics – Problems of Indian Money market – Suggestions for improvement – Note on Capital Market - Differences between Money market and Capital market

Unit IV: Electronic Banking (E-banking)

Traditional banking vs E-banking – Facets of e-banking – Internet procurement – E-banking transactions - Models for e-banking complete centralized solution – Features – CCS – Cluster Approach – High Tech Bank within Bank – Advantages of e-banking – Constraints in e-banking – Security measures.

Unit V: Practical Banking

Current Account – Savings Bank account – Negotiable instruments: cheque, draft, over draft, bills of exchange – ATM – Credit cards and debit cards. Practicals: Steps to open a bank account - Process of crossing a cheque - Procedure to fill up demand draft form.

Text Book

M.L. Seth, *Money and Banking*, Lakshmi Narayan Agarwal Educational Publishers, Agra, 1991

Reference Books

1. R. Cauvery, U.K. Sudha Nayak, N. Kruparani, A. Manimekalai. *Monetary Economics*, S. Chand & Company Ltd, New Delhi, 2001.
2. M.L.Jhingan, *Money, Banking and International Trade*, Vrinda Publications (p) Ltd, New Delhi, 2003
3. S. Sankaran. *Monetary Economics*, Margham Publications, Chennai, 2013
4. S. Chand. *Indian Economy*, S. Chand & Company Ltd, New Delhi, 2011
5. Gordon and Natarajan, *Banking Theory, Law and Practice*, Himalaya Publishing House, Mumbai, 2003.

Semester IV
Allied IV: Introduction to Accounting with Tally
Sub. Code: FA1741

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	5	75	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

Unit I: Introduction to Accounting

Meaning – Definition – Principles – Classification – Objectives – Limitations - Book keeping – Advantages – Limitations – Double entry Vs Single entry – Principles of Double entry system.

Unit II: Books of Accounts

Journal – Ledger – Difference between journal and ledger– Trial Balance – Merits – Limitation - Subsidiary books – Cash Book (Theory only)

Unit III: Final Accounts

Financial Statements - Manufacturing and Trading Accounts – Profit and Loss Accounts – Balance sheet.

Unit IV: Basic Concepts of Tally

Features of Tally - Tally screen components – Usage of Tally - Accounts configuration - Accounting vouchers (Problems)

Unit V: Accounting Using Tally

Creating company – Select company – Shut company – Creating ledger and groups – Preparing trial balance – Trading, Profit and Loss a/c and Balance sheet using Tally – Account with inventory method: Stock Item, Bill wise detail, Godown - Printing.

Text Book

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

Reference Books

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

Semester V
Major Core VII: Macro Economics - I
Sub. Code: FC1751

No. of Hours/ Week	Credits	Total No. of 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.

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 – Circular flow of income (Two sector model) – Methods of measuring National income – Problems of measuring National income – National income and Economic welfare

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 regarding 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 – 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 – Acceleration principle – Meaning – Assumptions – Operation – Limitations – A note on foreign trade multiplier.

Text Book

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

Reference Books

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

Semester V
Major Core VIII: Indian Economy - I
Sub. Code: FC1752

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

Objectives

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

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

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: Agricultural Sector

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

Unit IV: Agricultural Marketing.

Agriculture marketing – System of agriculture marketing – Co-operative marketing, marketed surplus, marketable surplus – Problems of agricultural marketing

Unit V: Agricultural Prices and PDS

Agricultural prices – Need for stability – Objectives and instrument of agricultural price policy – Minimum support price for agricultural goods – PDS – Objectives and defects

Text Book

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

Reference Books

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

Major Core: IX: International Economics – I

Sub. Code: FC1753

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

Objectives

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

Unit I: Introduction to International Economics

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

Unit II: Free Trade Vs Protection

Free trade – Meaning – Advantages and disadvantages- Protection – Arguments for and against protection - Dumping – Different forms of dumping – Price determination under dumping – Anti-dumping measures.

Unit III: Terms of Trade

Meaning – types of terms of trade - Factors affecting terms of trade – Terms of trade and economic development - The nature of gains – Sources of gain – Factors determining size of gain – Distribution of gain.

Unit IV: Tariffs and Quotas

Meaning –Classification of tariffs – Effects - Nature and purpose of quotas -Types of quotas - Quotas Vs Tariff

Unit V: Foreign Capital

Meaning – Different Types of Foreign Capital – Role and Advantages of Foreign Capital – Arguments against Foreign Capital – Foreign Capital and Economic Development.

Text Book

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

Reference Books

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

Semester V
Elective I (a): Research Methodology
Sub. Code: FC1754

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	5	75	100

Objectives

1. To enable the students to understand the concept and techniques of research.
2. To adopt the methodology of research through conduct of surveys, analysis of data and apply for projects

Unit I: Basics of Research

Meaning of Research – Need for Economic Research, objectives, scope of research – Research Methods Vs Research Methodology - Criteria of good research – Problems encountered by researchers in India.

Unit II: Different Types of Research

Experimental Research – Field investigation research – Survey Research –Evaluation Research – Action Research – Descriptive Research – Case study method

Unit III: Various steps in Research:

Identifying a research problem – Survey of literature – Selecting the objectives – Hypothesis – Meaning - Characteristics and types – Collection and analysis of data.

Unit IV: Methods of Collection of Data:

Primary data – Secondary data. Observation method – Interview method – Questionnaire method – Census method – Sampling method – Different types of sampling.

Unit V: Interpretation and Thesis Writing:

Data processing – Tabulation – Editing – Coding – Analysis and interpretation of data – Format for research – Structure of report – Preliminary, Text, Reference material – Footnote index – Bibliography.

Text Book

Kothari, C.R. (2009). *Research Methodology*, New Delhi: New Age International Publishers.

Reference Books

1. Sonachalam, K.S. (1999). *Research Methodology*, United States: Emerald Publishers.
2. Saravanavel. (2004). *Research Methodology*, New Delhi: Kitab Mahal.
3. Paneerselvam. (2014). *Research Methodology*, New Delhi: PHI Learning Private Ltd.
4. Ranjith Kumar. (2014). *Research Methodology*, United States: Sage Publications.
5. Ghosh, B.N. (1992). *Scientific Method and Social Research*. (1st ed.). Sterling Publishers (p) Ltd.

Semester: V
Elective I (b): Economics of Social Issues
Sub. Code: FC1755

No. of Hours per Week	Credit	Total No. of Hours	Marks
5	5	75	100

Objectives

1. To present a framework of basic tools effective in the analysis of social problems
2. To discover ways to resolve social problems

Unit I: Introduction

Social Economics: Definition – Equality in Human Societies – Principles of Social Doctrines: Gandhi, Marx and Pope

Unit II: Poverty

The World Poverty Situation – Causes and Consequences – Requisites of Economic Growth – Role of Government – Social Security – Subsidies – Social Banking – Unemployment and Inequalities Issues – Economics of Shelter : Refugees, Slavery and Beggary

Unit III: Human Capital

Problems in Education and Health Services – Energy Crisis and related issues

Unit IV: Discrimination

Sources, Kinds and Costs – Monopoly Power – consumerism – Provision of Information – Protection from Business Manipulation

Unit V: Economic Crisis

Causes and Consequences – Remedial course of Action – Economic Crimes and their Prevention – Violation of Human Rights – Need to Control Terrorism

Text Book

Indira Gandhi Memorial Trust. (2007). *Redefining the Good Society*, New Delhi: Wiley Eastern Ltd.

Reference Books

1. Le Grand, Julian and Ray Robinson. (2008). *The Economics of Social Problems*, London: The Macmillan Press Ltd.
2. Harbison, Frederick and Charles A. Meyers, (2010). *Education, Manpower and Economic Growth: Strategies of Human Resource Development*, New York: MC Graw – Hill Book co.
3. Lutz, Mark and Kenneth Luk, (2012). *The Challenge of Humanistic Economics*, California: The Benjamin / Cumming Publishing Co.
4. Sandford, Cedric, (2013). *Social Economics*, London: Heinemann Educational Book.

Semester V
Elective I (c): Labour Economics
Sub. Code: FC1756

No. of Hours per Week	Credit	Total No. of Hours	Marks
5	5	75	100

Objectives

1. To enrich the knowledge of the students about the status Indian labour, Labour laws and the power of Trade Union.
2. To enable the student to acquire capabilities & skills needed for the career

Unit I: Labour and Human Resource Management

Indian Labour – Migratory character – Human Resource Management – Objectives – Importance – Function – HRM in India – Human Resource Planning – Manpower forecasting – Levels of HRP - Guidelines

Unit II: Wages

Wages – Wages structure and wage differential – Wage legislation – Living – fair, Minimum and National Wages – Payment of wages Act – Minimum wages Act – Bonus and Fringe Benefits

Unit III: Employment and Recruitment

Role of Employment Exchanges – Programmes to promote employment opportunities – Recruitment – need – objectives – planning Internal and External influences – Job – Specification & Description - Sources

Unit IV: Absenteeism, Labour Turn Over and Maintenance

Definition – Measurement of Labour turnover and effects – Maintenance : Occupational hazards and disease – Industrial safety measures – Career Guidance – Promotion – Absenteeism – Concepts – Causes – Effects – Controls over Absenteeism.

Unit V: Trade Unionism and Industrial Disputes in India

Meaning – Pattern and structure of trade unions in India, Trade Union movements in India – Industrial disputes in India – Causes and Effects – Labour welfare measures – Social Security Measures.

Text Book

Sharma, A.M. (2008). *Aspects of Labour Welfare and Social Security*, New Delhi: Himalaya Publishing House.

Reference Books

1. Srivastava S.C. (2012). *Industrial Relations and Labour laws*, (6th Edition). New Delhi: Vikas publishing house pvt.ltd.
2. Gupta R.K. & Sarkar S.C. (2000). *Overview of Industrial and Labour laws*, New Delhi: Surjeet Publications.
3. Gulshan S.S & Kapoor G.K. (2001). *Economic labour and industrial laws*, New Delhi: Sultan chand and sons educational publishers.
4. Tyagi B.P. (2014). *Labour Economics and Social Welfare*, (2nd Edition). Meerut: Jai Prakash and co Educational Publishers.
5. Stephen Smith. (2013). *Labour Economics and social Welfare*, (2nd Edition). Routledge Publisher.

Semester V
Skill Based Course
Verbal and Non-Verbal Reasoning
Sub. Code: FCSK51

No. of Hours per Week	Credits	Total No. of Hours	Marks
2	2	30	100

Objectives

1. To broaden the analytical skill of the student
2. To imbibe the technical and non-technical skills and aptitude for reasoning in order to face competitive examination and find employment

Unit I: Verbal Reasoning I

Analog – Classification – Series completion – Coding – Decoding – Blood relations – Puzzle test – Direction sense test – Logical venn diagrams – Alphabet test – Number, ranging & time sequence test.

Unit II: Verbal Reasoning II

Mathematical operations – Logical sequence of words – Arithmetical reasoning – inserting the missing character – Data sufficiency – Decision making

Unit III: Verbal Reasoning III

Assertion & reason – Situation reaction test – Verification of truth of the statement.

Unit IV: Non-verbal Reasoning I

Series – Analogy – Classification – Analytical reasoning – Mirror images – Water images – Embedded figures – Completion of incomplete pattern.

Unit V: Non-verbal Reasoning II

Figure matrix – Paper folding – Paper cutting – Rule detection – Grouping of identical figures – figure formation & analysis.

Text Book

Prakash. R. (2004). *Verbal and Non-verbal Reasoning*, New Delhi: Mc.Millan India.

Reference Books

1. Competition Success Review – various issues
2. Competition master – various issues
3. Agarval, R.S. (2010). *A Modern Approach to Verbal and Non-Verbal Reasoning*, S. New Delhi: Chand & Company Ltd.
4. Agarval, R.S. (2011). *Quantitative Aptitude*, New Delhi: S. Chand & Company Ltd.

Semester VI
Major Core X: Macro Economics – II
Sub. Code: FC1761

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	5	75	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.

Unit I: The Investment Function

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

Unit II: Rate of Interest

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

Unit III: Macro Theories of Distribution

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

Unit IV: Macro Economic Policy

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

Unit V: Monetary Policy

Meaning – Objectives – Instruments – Expansionary monetary policy – Restrictive monetary policy – Role of monetary policy in developing economy – Limitation.

Text Book

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

Reference Books

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

Semester VI
Major Core XI: Indian Economy – II
Sub. Code: FC1762

No. of Hours per Week	Credits	Total No. of Hours	Marks
6	5	75	100

Objectives

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

Unit I: Industrial Sector

Importance – Problems of Industrialization – Large Scale Industries –Iron and Steel, Textile, Sugar-Micro, Medium and small enterprises – Meaning ,scope and Importance – Sickness in Indian Industry – Causes and remedies.

Unit II: Industrial Finance

Sources of industrial finance – Origin and working of IDBI, IFCI, ICICI, IRDI, SFCs – SIDCO.

Unit III: Service Sector – Transport Sector

Importance of service sector in Indian economy – Modes of transportation – Road ways, Railways, Waterways and Airways- Importance and problems – Transport coordination

Unit IV: Labour Problems

Features of Industrial Labour-Trade Union – Objectives and functions – Industrial Disputes and India-Causes of Industrial Disputes ,Settlement of Industrial Disputes

Unit V: Information Technology (IT) Industry

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

Text Book

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

Reference Books

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

Semester VI
Major Core XII: International Economics – II
Sub. Code: FC1763

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

Objectives

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

Unit I: Balance of Payment

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

Unit II: Foreign Exchange

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

Unit III: Exchange Control

Meaning – Objectives - Characteristics – Methods of exchange control; Direct and indirect methods of exchange control.

Unit IV: Devaluation

Meaning and Objectives – Conditions for success of devaluation – Devaluation and its effects.

Unit V: International Financial Institutions

IMF and IBRD - Objectives and Functions – IDA – IFC – SDR and International liquidity – Transition from GATT to WTO - WTO and INDIA – SAARC – NIEO

Text Book

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

Reference Books

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

Semester VI
Major Core XIII: Economics of Development and Planning
Sub. Code: FC1764

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

Objectives

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

Unit I: Growth versus Development

Economic Growth – Meaning – Growth and development – Characteristics of Developing Economies – Obstacles to Economic Development – Factors of Economic Growth: Economic and Non – Economic Factors

Unit II: Theories of Economic Development

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

Unit III: Theories of Economic Growth

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

Unit IV: Planning

Meaning – Types – Requisites of effective planning – Planning under capitalism – Planning under socialism.

Unit V: Planning in India

Objectives – Types – Planning machinery in India – Planning Commission – Five Year plans – Targets and Achievements of Five year plan – Recent five year plan.

Text Book

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

Reference Books

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

Semester VI
Elective II (a): Public Finance
Sub. Code: FC1765

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	4	75	100

Objective

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

Unit I: Introduction to Public Finance

Meaning – Subject matter and Importance of public finance – Principle of maximum social advantage – Major fiscal functions.

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; - Taxable capacity – Absolute and relative taxable capacity-Factors determining taxable capacity.

Unit III: Public Expenditure

Meaning - Theories of public expenditure –Wagner’s Law of public Expenditure- Canons of public expenditure– Reasons for the growth of public expenditure in India – Effects of public expenditure.

Unit IV: Public Debt and Budget

Meaning and Classification of Public debt - Causes for borrowing–Methods of debt redemption- Effects of public debt; - Budget – Meaning – Types – Budgetary Procedure in India.

Unit V: Federal finance and Local finance

Federal Finance – Principles – allocation of resources –A note on Finance Commission with special reference to recent Finance Commission; - Local Finance – Meaning - Functions - Revenue sources - Problems of Local Finance

Text Book

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

Reference Books

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

Semester: VI
Elective II (b): Ecology and Economic Development
Sub. Code: FC1766

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	4	75	100

Objectives

1. To expose the students to understand the environmental issues and to help them in solving a simple environmental problem.
2. To employ the departments of ecology and development

Unit I: Basic Concepts

Ecology – Eco – system – Economic Development – Population – Community habitat – Community habitat – Components of Eco – system: Biotic and Abiotic Substances, Consumer, Producer and Decomposer Organisms – Pollution – Scope of Ecology and Economic Development

Unit II: Basic Theory of Ecology and Economic Development

Efficiency in a private Market Population – Externalities and Economics 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 Urbanisation

Unit IV: Regulation and Prohibition

Public Policy – Regulation and Effluent Fees – Taxes and Subsidies

Unit V: Demography

Population, Energy, Economic Growth and Environmental Quality

Text Book

Sankaran, (S. 2014). *Environmental Economics*, Chennai: Margam Publications.

Reference Books

1. Karpagam, M., (2014). *Environmental Economics*, New Delhi: Sterling Publishers Pvt. Ltd.
2. Pearce, D.W. (2008). *Environmental Economics*, London: Longman.
3. Field, Barry C. (2010). *Environmental Economics: An Introduction*, Singapore: McGraw Hill International Edition.
4. Seneca, Joseph and Michael K Taussig, (2009). *Environmental Economics*, New Jersey: Prentice Hall Ince Engle Wood Cliffs.
5. Tyagi, O.D. Mehra, M.A. (2011). *Text Book of Environmental Chemistry*, New Delhi: Anmol Publications.

Semester: VI
Elective II (c): Computer Application in Economics
Sub. Code: FC1767

No. of Hours per Week	Credits	Total No. of Hours	Marks
5	4	75	100

Objectives

1. The aim of studying this paper is to make the students understand different computer software and to know the application of computers in economics.
2. To educate the students to improve the skills towards career prospects.

Unit I: Basic Computer

Basic Components of Computer – CPU – Input – Output Devices – Keyboard – Mouse and Scanner – Video Display – Printers – Data Storage and Retrieved – Hard Disk – CD ROM

Unit II: MS Word - I

MS – Word – Creating a Document – Saving, Finding, Replacing – Printing a text – Fonts and its size – Page Formatting – Header and Footer – Page Border – Page Number

Unit III: MS Word - II

Inserting Tables, Charts and Pictures – Adding Bullets and Numbers – Symbols – Date and Time – Working with columns – Merge Mail

Unit IV: Excel

Excel – Creating a new work book (work sheet) – Entering data into the work sheet – Editing the work sheet – Adding cells – Borders and shading – Working with Ranges – Managing and Printing Work Sheet

Unit V: Applications in Excel

Simple Calculation – Copying Formula – Creating Chart – Bars Stacked bar XY graph – Line Graph – Pie Chart

Text Book

Sinha, P.K. (1992). *Computer Fundamentals*. (1st ed.). New Delhi: BPB Publications.

Reference Books

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

Semester VI
Skill Based Course
Home Management
Sub. Code: FCSK61

No. of Hours per Week	Credits	Total No. of Hours	Marks
2	2	30	100

Objectives

1. To help the students to understand the various aspects of home management and to develop additional skills for entrepreneurship.
2. To adopt the techniques and process of home management and prepare tasty home made products to sell and earn a living.

Unit I: Home Management

Introduction – Meaning – Steps in management process – Types – Home making activities - Role and responsibilities of Home maker.

Unit II: Decision Making

Meaning – Process – Types – Individual – Central – Economic decisions – Decision taking due to experience and knowledge

Unit III: Home Articles

Household appliances: Mixer – Coffee maker – Cooking range – Refrigerator – Pressure Cooker. – Furniture – Floors

Unit IV: Handicrafts and Jewel Making

Basket making – Toy making – Bead and stone work – Flower bouquet – Tread making jewels.

Unit V: Culinary Skills

Tasty dish from vegetable waste – oil less cooking – Healthy food preparation – Cooking without fire – Fruit salad – Juices

Text Book

Varghese, M.A.et al., (2005). *Home Management*. NewDelhi: New age International Publication.

Reference Books

1. Clarkson, Potter. (2006). *Home Keeping Handbook: Martha Stewart's The Essential Guide to Caring for Everything in Your Home*.
2. Jenifer, MC Knight. (2010). *Home Economics: Vintage Advice and Practical Science for 21st Century Household*.
3. Paulina Nickell and Jean Muir Dorsey. (1976). *Management in Family living*, John Wiley & Sons Publications.
4. Anson, Elva M. (1985). *The Complete Book of Home Management*, Chigig: Moody Press.
5. Sandhya Rani, Mohanthy, (2016). *Introduction to Home Management*.