Criteria 2
Teaching- Learning and Evaluation

2.6 Student Performance and Learning Outcome

2.6.1.Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

2.6.2 Attainment of POs and COs are evaluated.

2.6.3 Pass percentage of Students during last five years

Don Bosco College of Arts and Science, Keela Eral

VISION OF THE COLLEGE:

Don Bosco College of Arts and Science, inspired by divine and human values, envisages enlightenment and empowerment of the youth towards personal and social transformation.

MISSION OF THE COLLEGE:

1. To make higher education qualitative, inclusive, cost effective and accessible to the rural masses.
2. To exercise a preferential option in favor of the rural youth especially the First Generation Learners and socially and economically weaker sections of the society.
3. To facilitate the actualization of individual potential, integrating knowledge, skills, values and behaviour and prepare the students to face the global opportunities and challenges of a meaningful life and career.
4. To constantly pursue higher standards of excellence, integrity and credibility in all endeavors and transform the students, in collaboration with all the stakeholders of higher education, to be agents of social transformation.

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Department of Business Administrations

VISION

Creating leaders by providing the Quality Education with emphasis on student empowerment to transform their lives.

MISSION

Meeting the industry expectations by providing the quality education to the rural students through covering all sections of the society

Bachelor of Business Administration is one of the most popular bachelor degree program after class XII. The BBA course is the gateway to numerous job opportunities in a plethora of sectors like Marketing, Education, Finance, Sales, and Government. The 3-year undergraduate course in Business Administration is open to students

from all the three streams of education namely Commerce, Arts and Science. The BBA course offers knowledge and training in management and leadership skills to prepare them for managerial roles and entrepreneurship. During the tenure of the course, candidates learn various aspects of business administration and management through class room lectures, Games, Seminars and practical projects. The overall objectives of this academic Bachelor's program is to develop the students' intellectual capacity, executive personality, and managerial skills in a way that enables them assume entry-level managerial positions in business and industry, public sector organizations, consultancy companies and other organizations. Graduates of the program may also choose to start their own entrepreneurial business ventures

ELIGIBILITY FOR Any candidate who has passed the Plus Two of the Higher Secondary Board of Tamilnadu or that of any other university or Board of Examinations in any state recognized as equivalent to the Plus Two of the Higher Secondary Board in Tamilnadu.

DURATION OF THE COURSE The duration of the course shall be three academic years comprising **six semesters** into with two semesters for each academic year. There shall be at least 90 working days in a semester and a minimum 450 hours of instructions in a semester.

REGISTRATION Each student shall register for the courses in the prescribed registration form in consultation with the Faculty Advisor within two weeks from the commencement of each semester.

Revised Programme Structure
(With effect from September 2022)

Sem (1)	Part I/ II/III/IV (2)	Subject number (3)	Subject Status(4)	Subject Title (5)	L	T	P	T	C	Maximum Marks		
										Internal	External	Total
I	I	1	Language	Tamil/other language				6	4	25	75	100
	II	2	Language	Communicative English -I				6	4	25	75	100
	III	3	Core-1	Professional English for Commerce and Management-I	3	0	2	5	4	25	75	100
	III	4	Core-2	Principles of Management	3	2	0	5	4	25	75	100
	III	5	Allied -1	Business Statistics	2	2	2	6	3	25	75	100
	IV	6	Common	Environmental Studies	2	0	0	2	2	25	75	100
	Sub Total							30	21			
II	I	7	Language	Tamil / Other language				6	4	25	75	100
	II	8	Language	Communicative English -II				6	4	25	75	100
	III	9	Core-3	Professional English for Commerce and Management-II	3	0	2	5	4	25	75	100
	III	10	Core-4	Managerial Economics	3	2	0	5	4	25	75	100
	III	11	Allied-2	Business Mathematics	2	2	2	6	3	25	75	100
	IV	12	Common	Value Based Education / Mana VazharKalai	2	0	0	2	2	25	75	100
	Sub Total							30	21			
III	I	13	Language	Tamil / Other language				6	4	25	75	100
	II	14	Language	Communicative English -III				6	4	25	75	100

					L	T	P	T	C			
	III	15	Core-5	Financial Accounting	4	0	0	4	4	25	75	100
	III	16	Core-6	Organizational Behaviour	4	0	0	4	4	25	75	100
	III	17	Allied-3	Business Law	2	2	0	4	3	25	75	100
	IV	18	Skill based Practical -I	Computer Applications in Business-I	0	0	4	4	2	50	50	100
	V	19	Non-Major Elective-I	Advertising	2	0	0	2	2	25	75	100
		20	Common	Yoga	2	0	0	2	2	50	50	100
	Sub Total							30+2	25			
IV	I	21	Language	Tamil / Other language				6	4	25	75	100
	II	22	Language	Communicative English -IV				6	4	25	75	100
	III	23	Core-7	Cost Accounting	4	0	0	4	4	25	75	100
	III	24	Core-8	Marketing Management	4	0	0	4	4	25	75	100
	III	25	Allied-4	Human Resource Management	2	2	0	4	3	25	75	100
	IV	26	Skill based Practical -II	Computer Applications in Business-II	0	0	4	4	2	50	50	100
	IV	27	Non-Major Elective-II	Consumer behavior	2	0	0	2	2	25	75	100
		28	Common	Computer for Digital Era	2	0	0	2	2	50	50	100
	V	29	Extension Activity	NSS/NCC/YRC/Physical Education	-	-	-	-	1	-	100	100
	Sub Total							30+2	26			
V	III	30	Core-9	Management Accounting	4	0	0	4	4	25	75	100
	III	31	Core-10	Research methodology	4	0	0	4	4	25	75	100
	III	32	Core-11	Production and Operations management	4	0	0	4	4	25	75	100
	III	33	Core-12	Banking and Insurance	4	0	0	4	4	25	75	100
	III	34	Major Elective -I	Retail Management/ Services Marketing	4	0	0	4	4	25	75	100
	IV	35	Major elective-I1 (Practical)	Effective Employability Skills-I	0	0	4	4	2	50	50	100
	IV	36	Skill based Subject Common	Personality Development	2	0	0	2	2	25	75	100
	III	37		Field Study	0	0	4	4	2	50	50	100
	Sub Total				22	0	8	30	26			
VI	III	38	Core-13	Financial management	4	0	0	4	4	25	75	100
	III	39	Core-14	Strategic Management	4	0	0	4	4	25	75	100
	III	40	Core-15	Entrepreneurship Development	4	0	0	4	4	25	75	100
	III	41	Major Elective-III	Training and Development/ Financial Services	4	0	0	4	4	25	75	100
	IV	42	Major elective-IV(Practical)	Effective Employability Skills- II	0	0	4	4	2	50	50	100
	III	43		Major Project	0	0	10	10	5	50	50	100
	Sub Total				16	0	14	10	23			

L-Lecture Hours T-Tutorial Hours P-PracticalHours T- Total hours / week C- Credit

Allocationofquestionsforproblemorientedsubjects:40%theoryand60%problems

COMPONENT	TIME	MAX.MARKS
TEST I	1 hour	20
TEST II	1 hour	20
TEST III	1 hour	20

PART III PRACTICAL PAPERS

COMPONENT	MARKS
TEST I	20
TEST II	20
OBSERVATION	5
ASSIGNMENT	5

CIA EXAMINATIONS QUESTION PAPER PATTERN-PART III

Section	Type of Questions	WORD LIMIT	Marks	Total
A	MULTIPLE CHOICE QUESTIONS	-	2 X 1=2	
B	SHORT EASSY TYPE QUESTIONS (Either or Choice)	120	2 X 5 =10	20
C	Essay type questions	200	1 X 8 =8	

END SEMESTER EVALUATION PATTERN
THEORY & PRACTICAL PAPERS
PART III SEMSTER I/II/III/IV/V/VI
SINGLE VALUATION BY EXTERNAL EXAMINER
MAXIMUM MARKS: 75
PASSING MINIMUM: 40
PART IV
SINGLE VALUATION
WRITTEN TEST
MAXIMUM MARKS: 50
PASSING MINIMUM: 20
END SEMESTER EXTERNAL EXAMINATIONS QUESTION PAPER PATTERN- PART III

Model Question Paper

Q.P.S.No: Course Code:
(For the candidates admitted from the academic year 2021-2022 onwards Under CBCS)
___BBA____ **Degree Examination, _____ ____ - 2022____**
Major: _BUSINESS ADMINISTRATION____ _____, Semester - _SIXTH____
Core Course -_____: _____ ENTREPRENEURIAL DEVELOPMENT_____

Time : 3 Hours   Maximum Marks:75
Section –A (10X1=10 Marks)
Answer all the Questions
1. The word entrepreneur derived from
   a) Entreprena   b) Enereprise c) Entarena   d)Entreprendre

2. First Generation Entrepreneur

a) Who make a company   b) Who make an organisation
c) Who start a business with innovative idea and skills
d)None of the above

3. Entrepreneurship can ……. the unemployment
   a) decrease   b) Neither increase nor decrease
   c) Increase   d) Non of the above

4. The surroundings of business enterprise which have impact on the growth of business is called
   a) Environment   b) Surroundings   c) Both A and B   d)Non of these

5. The economic factors include
   a) Capital   b) Education   c) Family   d) Caste

6. Agriculture entrepreneurship related to
   a) Manufacturing activities   b) Trading activities
   c) Farming activities   d)Non trading activities

7. In India village and Small industries sector consists of both traditional and modern small industries. This sector has ….. sub groups
   a) eleven   b) Ten   c) Five   d) Eight

8. The small scale industry can enjoy the status of ….. unit if it export more than 50 % of its

   production.

   a) Import oriented units   b) Export oriented units
   c) Domestic units   d) cottage industries

9. Micro enterprises are those whose investment in plant and machinery does not exceed rupees …….
   a) 40 lakhs   b) 50 lakhs   c) 1 crore   d) 80 Lakhs

10. Which of the following is not the purpose of feasibility study?
    a) Providing quality information   b) Establish market trends
    c) Give focus to the project   d)Specify Business Alternatives

<div align="center">

Section – B (5X5= 25Marks)
Answer ALL Questions

</div>

11 a.What are the chief characteristics of an entrepreneur?   **Or**
  b. write a note on any four types of entrepreneures?

12 a.What is the inter relationship between society and enterprise?   **Or**
  b.What is the constraints of social enterprise?

13 a.State the characteristics of small scale industries.   **Or**
  b.What are state assistances provided to MSME sector?

14 a. What are the important factors to be considered for project selection?   **Or**
        b. What are the different kinds of project plans?

15 a.Describe the role of Industrial development Bank of India.   **Or**
  b. What are the functions provided bny the industrial estates to the promotion of entrepreneurship?

Section –C (5X5=40 Marks)
Answer all the Questions. Choose Either (a) or (b)

16 a)Trace the growth of entrepreneurship in India.   **Or**
  b)Elaborate on the evolution of the concept of entrepreneur.

17 a)Explain the measures taken by Government of India for developing rural entrepreneurship in the country.   **Or**
  b)Explain the role of entrepreneurship in economic development of the country

18 a)Discuss various policies of the government for the development of MSME Sector in India.   **Or**
  b)What are the main causes to become sickness bythe small scale units? What remedial measures do you offer?

19 a)Explain about the contents and formulation of project report.   **Or**
  b)Explain about the concept and methods of project evaluation.

20 a) Explain the role of various organizations engaged in promoting entrepreneurship in India.   **Or**
  b)Write an essay on the role played by DIC & SISI for the development of entrepreneurship

Programme Outcomes (POs):
1. To impart knowledge of the foundations of management theory and its application in managerial decision making.
2. Select and apply appropriate tools required for solving complex managerial problems.
3. To develop capabilities in students to independently conduct theoretical as well as applied   research.
4. To develop sound knowledge of the entrepreneurial process and inculcate creativity and innovation among students.
5. To produce industry ready graduates have highest regard for Personal & Institutional Integrity, Social Responsibility, Teamwork and Continuous Learning.

Programme Specific Objectives (PSOs):
On successfully completing the program the student will be able to:
1. To provide adequate basic understanding about Management Education
2. Provide strong analytical and critical thinking foundation enabling problem solving

skills in the various disciplines of management.

3. To prepare students to exploit opportunities being newly created in the Management Profession.
4. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
5. Strengthen the ability to learn continuously to adapt to the dynamic challenges of the business world and lead business with conscience- moral, ethical and environmental values.

MSU/2021-22/UG-Colleges/Part-III (B.B.A.)/ Semester-I / Ppr.no.4/ Core-2
PRINCIPLES OF MANAGEMENT

L	T	P	C
3	2	0	4

Course Objectives:

1. To provide an insight in to the basic managerial functions.

2. To describe the various forms of structure available to an organization

3. To discuss contemporary management issues and challenges

Course Outcomes:

1. Develop an understanding of the functions of management and contributions made by management theorists to the field of scientific and modern management.
2. Demonstrate critical thinking when presented with managerial problems and express their views and opinions on managerial issues by applying the concepts of planning and decision making
3. Identify the factors influencing the design of organizational structure and the right span of control for effective functioning of an organization.
4. Identify and incorporate best staffing practices and apply principles of directing for hiring and managing employees.
5. Control and coordinate the work force in a systematic approach

UNIT I INTRODUCTION TO MANAGEMENT

Definition of Management – managerial roles and skills- Science or Art – Manager Vs Administrator – Evolution of Management – Scientific, human relations, system and contingency approaches (contributions of F.W Taylor, Henry Fayol, Elton Mayo, Glberth and Mcgregor) - Levels and Functions of Management.

UNIT II PLANNING

Nature and purpose of planning – planning process – types of planning – objectives – setting objectives – policies – Planning premises – Planning Tools and Techniques – Decision making steps and process.

UNIT III ORGANISING

Nature and purpose – Formal and informal organization – organization chart – organization structure – types – Line and staff authority – departmentalization – delegation of authority – centralization and decentralization —Span of Management-Job design- Recruitment, selection, Training and Compensation.

UNIT IV DIRECTING

Foundations of individual and group behaviour – motivation – motivational techniques – job enlargement – job enrichment – leadership – types and theories of leadership – communication – process of communication – barrier in communication – effective communication.

UNIT V CONTROLLING

System and process of controlling – budgetary and non-budgetary control techniques – use of computers and IT in Management control – Productivity problems and management – control and performance – direct and preventive control – reporting.

TEXTBOOKS:

1. C.B Gupta, Business Management, Ninth edition, Sultan Chand Sons, New Delhi.

2. L.M.Prasad, Principles and practice of Management, Sultan chand&sons, New Delhi.

3. Koontz O' Donell, Essentials of Management, Tata McGraw Hill.

4. M Prakash and Parag Diwan, Management principles and practices, Excel books, New Delhi.

REFERENCE BOOKS:

1. Appannaiah&Dinakar, Managing organizations, Himalaya publishing house, Mumbai

2. James A. F. Stoner, R. Edward Freeman, Daniel R Gilbert, Management, Pearson, Noida.

3. NeeruVasishth, Principles of Management text and cases, Taxmann publications private limited,

Web RESOURCES:

1. file:///C:/Users/bmlab34/Downloads/116_Sample_Chapter.pdf

2. http://www.civicus.org/view/media/Overview%20of%20Planning.pdf

3. https://www.managementstudyhq.com/advantages-and-disadvantages-of-mbo.html

4. http://egyankosh.ac.in/bitstream/123456789/13299/1/Unit-7.pdf

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO 3	S	M	M	L	S	S	S	M	M	L
CO 4	S	M	L	L	M	S	S	L	M	L
CO 5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

BUSINESS STATISTICS

L	T	P	C
4	2	0	4

Course Objectives:

To enable students to

1. Understand the concepts of statistics in the context of business.

2. Apply the statistical tools in decision-making.

3. Utilize statistical analysis in Research

Course Outcomes:

1. Apply descriptive statistics in effective business decision making
2. Ascertain cause and effect relationship between business factors and predict direction of business
3. Analyse time series data to identify trend and seasonal variations to forecast and take business decisions
4. Construct and compare index numbers to analyse business and economic activities
5. Utilize statistical analysis in business projects to arrive at solutions

UNIT I MEASURE OF CENTRAL TENDENCY

Measures of Central value- characteristics of an ideal measure- Measures of Central tendency –mean, median, mode – Application in Business decisions – Measures of Dispersion – absolute and relative measures of dispersion – Range, Quartile Deviation, Mean Deviation, Standard Deviation, Co-efficient of Variation – Moments, Skewness, Kurtosis - (Conceptual frameworkonly)

UNIT II CORRELATINON ANALYSIS

Correlation analysis: Meaning and Significance – Correlation and Causation, Types ofCorrelation, Methods of studying Simple Correlation – Scatter diagram, Karl Pearson's Coefficientof Correlation, Spearman's Rank Correlation co-efficient.

UNIT III REGRESSION ANALYSIS

Regression Analysis – Regression Vs Correlation, Linear Regression, Regression lines, Standard error of estimates.

UNIT IV TIME SERIES ANALYSIS

Time Series-Meaning and significance – utility, components of Time series- Measurement of Trend: Method of least squares, Parabolic Trend and Logarithmic trend.

UNIT V INDEX NUMBERS

Meaning and significance, problems in construction of index numbers, methods of constructing index numbers – weighted and unweighted, test of adequacy of index numbers, chain index numbers, base shifting, splicing and deflating index numbers

(Marks: Theory 40% and Problems 60%)

TEXTBOOKS:

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

2. N.Arora,S.Arora; Statistics for Management; S.Chand and Company Ltd.; New Delhi

3. R.S.N. Pillai and Bhagavatyhi, Statistical Methods, S.Chand and Company Ltd.; New Delhi

4. Wilson, Statistics for Commerce and Management, Himalaya Publishing house, Mumbai

REFERENCE BOOKS:

1. P.R.Vittal, Business Mathematics and Statistics, Margham publications, Chennai.

2. J.K.Sharma, Business Statistics, Pearson education, New Delhi,

. 3. Richard.I.Levin, David.S.Rubin; Statistics for Management; Pearson Education; New Delhi 4. Divya Saxena; Business Statistics; Vayu Education of India; New

WEB RESOURCES:

1. https://statisticsbyjim.com/basics/measures-central-tendency-mean-median-mode/

2. https://www.toppr.com/guides/business-mathematics-and-statistics/measures-ofcentral-tendency-and-dispersion/measure-of-dispersion/

3. https://www.toppr.com/guides/business-mathematics-and-statistics/measures-ofcentral-tendency-and-dispersion/measure-of-dispersion/

4. https://sol.du.ac.in/mod/book/view.php?id=1317&chapterid =1071

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO 3	S	M	M	L	S	S	S	M	M	L
CO 4	S	M	L	L	M	S	S	L	M	L
CO 5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

Managerial Economics

L	T	P	C
3	2	0	4

COURSE OBJECTIVES:

1.To be acquainted with the basic concepts of economics.

2. To identify the applications and limitations of economic laws in decision-making and problem solving.

3. To provide knowledge on different types of markets.

COURSE OUTCOMES:

1. Exhibit the role of a manager by making strategic business decisions considering economic environment.
2. Utilize the concept of demand, elasticity of demand to identify the determinants of demand and forecast demand.
3. Assess technically the possible ways of increasing the level of production.
4. Develop knowledge on different market structures and make the price and output decisions.
5. Develop an understanding of the role of government and taxes in controlling inflation and deflation.

Unit – I – Demand Analysis

Meaning, Nature and Scope of Managerial Economics- Demand – Law of Demand –Exceptions to the law of demand- Determinants of Demand-Elasticity of demand – Supply – Law of Supply – Elasticity of Supply. Demand Forecasting: Meaning Significance, methods of demand forecasting

Unit- II- Cost Analysis and Production Analysis

Cost Concept- Types of cost – Cost Curves – Cost- Output Relationship in the short run and long run, LAC curve. Production function with one variable input – Law of variable Proportions. Production function with two variable inputs and Law of returns to scale, Indifference curves, Iso-Quants and Iso-cost line, Least cost combination factor, Economies of scale.

Unit III- Market structure and Pricing Practice

Perfect Competition, Features, Determination of price under perfect competition. Monopoly- features, Pricing under monopoly, Price Discrimination. Monopolistic Competition- Features, pricing under monopolistic competition, product differentiation. Oligopoly- features, Kinked demand curve, cartels, Price leadership.

Unit IV – Money

Money- meaning – types- functions –- Foreign Exchange – Meaning – Exchange Rate- Spot rate and forward rate- Types of forex market- Inflation – Meaning – Types- causes and effects. Inflation Vs Deflation. Corrective mechanism (Monetary and fiscal measures).

Unit V- National Income and Business Cycle

National Income- Meaning – Concepts (GDP, GNP, NNP, NDP, Private Income, Personal Income , Disposable Income and Per Capita Income) – Methods of Measurement (Product method, Income Method and Expenditure Method)- Difficulties in Measuring National Income. Business Cycle – Meaning-phases and effects.

TEXTBOOKS:

1. DR.S.Sankaran, Managerial economics, Margham Publications, chennai.

2. K.P.M Sundharam& E.N. Sundharam ,Business Economics ,sultan Chand &Sons,New Delhi.

3. DR.R.L.Varshney&K.L.Maheshwari , Sultan Chand &Sons,New Delhi

4. Micro economics, Students helpline publishing house(P)Ltd. Hyderabad

REFERENCE BOOKS:

1.SumithraPal ,Managerial economics, Mac Millan

2. BPP Learning media, Economics, VIVA books pvt.ltd. New Delhi

3. D.N. Dwivedi, Managerial Economics, Vikas Publising

4. Craig h.Petersen, W.Cris Lewis & Sudhir K Jain,Pearson Education Inc,New Delhi

WEB RESOURCES:

1. https://businessjargons.com/determinants-of-elasticity-of-demand.html

2.   http://www.economicsdiscussion.net/laws-of-production/laws-of-production-laws-ofreturns-to-scale-and-variable-proportions/5134

3. htthttps://www.intelligenteconomist.com/profit-maximization-rule/

4. ps://scholar.cu.edu.eg/?q=mahmoudarafa/files/l.3_market_structures_and_price.pdf

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO 3	S	M	M	L	S	S	S	M	M	L
CO 4	S	M	L	L	M	S	S	L	M	L
CO 5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

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BUSINESS MATHEMATICS

L	T	P	C
4	2	0	4

Course Objectives:

1. To develop mathematical continuity for learning.

2. To apply mathematical concepts in finding solutions to business problems.

3. To familiarize students with the application of mathematical techniques in business decision process.

Course Outcomes:

1. Apply the concept of geometry in the field of business
2. Draw and use Venn diagrams to solve real problems in business.
3. Use derivatives in marginal analysis
4. Application of differential calculus to find the maxima and minima of a function.
5. Perform elementary matrix operation and use matrices in business decision making.

Unit I

Analytical geometry – distance between two points in a plane – slope of a straight line – equation of the straight line – point of intersection – demand and supply curves (linear) – market equilibrium – break even analysis.

Unit II

Set theory – definition – types – union, intersection, difference, and complement of sets – De Morgan's Law – Venn diagram – simple set applications – Cartesian product

Unit III

Differential calculus – derivative of a function – differentiation – standard forms – sum, product, quotient rule – differential coefficients of simple functions **(trigonometric functions excluded)** – function of a function rule – simple application to business using marginal concept

Unit IV

Higher order derivatives – maxima and minima – simple marketing models using profit maximization, fencing and container problems only – Integral calculus – standard forms – rules of integration – Definite integral – simple applications – finding total and average cost function – producer surplus and consumer surplus.

Unit V

Matrices – definition – types – addition, subtraction, multiplication of matrices – inverse matrix – solving a system of simultaneous linear equations using matrix inversion technique – rank of a matrix.

(Marks: Theory 40% and Problems 60%)

TEXTBOOKS:

1. V.Sundaresan and S.D.Jeyaseelan, Business Mathematics, S Chand Publishers, New delhi

2. P.R Vittal , Business mathematics & Statistics , Margham publications, Chennai.

3. M. Wilson, Business Mathematics, Himalaya Publising house, Mumbai

4. S.R.Arora& Dinesh Khattar , Business Mathematics with applications, S.Chand& company ltd, New Delhi

REFERENCE BOOKS:

1. R.S,Soni Essentials of Business Mathematics &Business Statistics,Ane Books pvt ltd, New Delhi.

2. D.C Sancheti& V.K Kapoor Business Mathematics, Sultan Chand &Sons,New Delhi.

3. S.P. Gupta & P.K. Gupta, Business Statistics & Business Mathematics,Sultan Chand & sons ,New Delhi,

4. D.Bose, An Introduction to Mathematical Methods, Himalaya Publishing

WEB RESOURCES:

1. https://www.toppr.com/guides/maths/sets/venn-diagrams/

2.https://www.scribd.com/doc/19613606/Applications-of-Matrices-to-Business-andEconomics

3. https://www.pearsonhighered.com/assets/samplechapter/0/1/3/4/0134437764.pdf

4. http://math.hawaii.edu/~mchyba/documents/syllabus/Math499/extracredit.pdf

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO 3	S	M	M	L	S	S	S	M	M	L
CO 4	S	M	L	L	M	S	S	L	M	L
CO 5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

FINANCIALACCOUNTING

L	T	P	C
4	0	0	4

CourseObjective:

To enable students to

1. Understand the significance of accounting concepts and conventions in the preparation and presentation of financial reports.
2. Prepare financial statements of the company.
3. Analyze and interpret financial statements of a company.

COURSE OUTCOMES:

CO1: Apply accounting concepts and accounting standards in practical situations

CO2: To be familiar with the rules governing accounting transactions.

CO3: Prepare Final accounts to ascertain profit or loss of the business and its financial position

CO4: Critically analyze financial statements of the enterprise , vertically and horizontally for business decision making

CO5: Identify the methods of calculating depreciation charges.

UNIT – I:INTRODUCTION

Meaning and Scope of Accounting – Need for Accounting – Nature and Objectives of Accounting – Developing of Accounting – Book Keeping and Accounting. Accounting Concepts and Conventions – Accounting Standard in India- IFRS.

UNIT – II: BOOKS OF ACCOUNTS

Double Entry System of Book-Keeping – Journal –Rules of Debit and Credit – Ledger Posting – Rules Regarding Posting – Relationship Between Journal and Ledger – Trial Balance.

UNIT – III: SUBSIDIARY BOOKS

Benefits- Basic Documents-Preparation of Purchase Book, Sales Book-Purchase Return Book-Sales Return Book-Cash Book-Single, Double and Triple Column Cash Book-Petty Cash Book.

UNIT – IV: FINAL ACCOUNTS

Manufacturing Account–Trading Accounts – Profit and Loss A/C - Balance Sheet – Adjustment entries.

UNIT – V:DEPRECIATION ACCOUNTING

Meaning – Causes – Objectives – Methods of Depreciation – Reserves and Provisions.
                    (Marks:Theory40%andProblems60%)

TEXT BOOKS:

1. Gupta, R.L. and Radhaswamy M., Financial Accounting,– Sultan and Chand Sons – New Delhi.
2. Maheswari, S.N and Maheshwary, S.K., Fundamental of Accounting, Vikas Publications.

REFERENCE BOOKS:

i. T.S.Reddy&Y.Hariprasad Reddy, Financial & Management Accounting, Margham Publications, Chennai

ii. M.C.Shukla, T.S.Grewal&S.C.Gupta, Advanced Accounts, S.Chand, New Delhi

iii. S.Pandian, Accounting for Managers, Ane Book Pvt.Ltd, New Delhi

iv. R.S.N.Pillai&Bagavathi, Management accounting, S.Chand, New Delhi

v. P. C. Tulsian, Financial Accounting – Pearson Edcation, New Delhi

WEB RESOURCES:
1. https://www.swayamprabha.gov.in/
2. https://swayam.gov.in/
3. https://epgp.inflibnet.ac.in/
4. https://www.icai.org/

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

ORGANIZATIONALBEHAVIOR

L	T	P	C
4	0	0	4

Course Objective:

1. To give an insight into how individual behavior can be made meaningful to increase organizational effectiveness.
2. To understand group behavior in the organization
3. To understand the concepts of organizational behavior and its systems.

COURSE OUTCOMES:

➢ CO1:Apply theories and concepts of organisationalbehaviour in workplace to create an effective organisational environment

➢ CO2: Analyze workplace behaviours from theoretical perspective of ability, learning, attitude and values

➢ CO3: Determine the influence of perception, personality and emotions on workplace behaviour in order to exhibit positive behaviour and to create solutions in a challenging context

➢ CO 4: Create a conducive environment to facilitate group functioning, articulate conflict management competencies in managing and resolving conflicts

➢ CO 5:Identify forces of change and manage a planned organizational change

UNIT-I:INTRODUCTION

Definition, Nature and Scope of organizational behavior – Need for studying organizationalBehavior- Disciplines that contribute to OB- OB models – Challenges and Opportunities ofOB (12hrs)

UNIT-II:INDIVIDUALBEHAVIOR

Perception:meaning – process-improvingperception, Personality development determinants of personality-personality traits. Learning theoriesandprinciplesofLearning.Motivation:meaningandImportance – TheoriesofMotivation (12hrs)

UNIT-III: GROUPBEHAVIOR

Groups – definition – types – Groupdevelopment;-Groupsnorms–Groupcohesiveness–Group decision making – Conflict- Individual Conflict – Interpersonal conflict- group conflict – Resolvingconflict. (12hrs)

UNIT-IV:ORGANIZATIONALCULTURE

Organisational Culture - Meaning - definition - concept - characteristics - types of culture - functions of culture - creating and sustaining culture - learning culture - measuring culture – communicatingculture. (12hrs)

UNIT-V:ORGANIZATIONALCHANGEANDORGANIZATIONALDEVELOPMENT

Forces of change; Planned change; Resistance; Approaches (Lewin's model, Organization development);Organizationaldevelopment –ODinterventions. (12hrs)

TEXT BOOKS:

1. L.M.Prasad, Organizational behaviour-Sultan Chand, New Delhi
2. J. Jayashankar, Organizational Behavior- Margham publications, Chennai

REFERENCE BOOKS:
1. K.Aswathapa, Organisational behavior- Himalayas publishing house, Mumbai,
2. Luthans Fred, Organizational Behavior- Tata McGraw Hil
3. Stephen P Robins, Organisational behavior- Pearson Education, 2018, Noida
4. S.S.Khanga -OrganizationalBehaviour, S Chand publishers, New Delhi

WEB RESOURCES:
1. https://iedunote.com/organizational-behavior
2. http://www.indiaclass.com
3. https://www.tutorialspoint.com/organizational_behavior
4. https://www.referenceforbusiness.com/management/Gr-Int/Group-Dynamics

MAPPING-COURSE OUTCOME WITH PROGRAMME OUTCOME AND PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

BUSINESS LAW

L	T	P	C
2	2	0	3

CourseObjective:
1. To impartation in-depth knowledgeofthelawofcontracts,
2. To provide a basic knowledge of the agency has to be operated.
3. To provide an insight into the application of commercial laws to business operations

COURSEOUTCOMES:
CO 1: Understand the meaning and nature of contract and various essentials of contract.
CO 2: Understand Discharge of contract and remedies for breach of contract
CO 3: Analyze and differentiate between bailment, Pledge and Agency.
CO 4: Understand the idea of sale, distinguish sale and agreement to sell and can explain conditions and warranties
CO 5: Interpret critical issues of partnership business and can recognize rights and duties of partners.

UNIT –I: INDIAN CONTRACT ACT 1872
The Indian Contract Act 1872-I Meaning & Nature of contract, Types of Agreement, Difference between agreement and contract, Essentials of a valid contract- offer, Acceptance, capacity to contract, Free consent, consideration, Possibility of performance, Writing and Registration etc.

UNIT II: -THE INDIAN CONTRACT ACT 1872- II
Agreements expressly declared void, Quasi Contracts, Performance of contract, Discharge of contract & Remedies for breach of contract

UNIT III:-SPECIAL CONTRACT
Contract of Bailment- Rights & duties of bailor & Bailee, Contract of Pledge. Rights & duties of Pawner& Pawnee, Contracts of Agency-Formation & Termination of Agency.

UNIT IV:- THE SALE OF GOODS ACT 1930
Definition of Sale & Goods, Essentials of valid contract of Sale of Goods, Conditions & warranties, passing of property, Rule of caveat emptor & its exceptions, Rights of unpaid seller, Remedies for breach of contract.

UNIT: V-THE INDIAN PARTNERSHIP ACT 1932
Meaning & Nature of partnership, Types of Partners, Rights & Duties of Partners, Registration of Partnership firm & Dissolution of Partnership firm..

TEXT BOOKS:
1. N.D. Kapoor -Elements of Mercantile Law - Sultan Chand & Co., New Delhi
2. M.C.Kucchal - Business Law/Mercantile Law, Vikas Publishing. House (P) Ltd.

REFERENCE BOOKS
1. Shukla M.C, Mercantile Law- S.Chand& co Ltd, New Delhi
3. G.K.Kapoor, Business & corporate laws- Sultan Chand & sons, New Delhi
4. P C Tulsian - Business Law - Tata McGraw - Hill Education.
5. R.S.N.Pillai&Bagavathi, Business law - S.Chand Publishing, New delhi

WEB RESOURCES:
1. https://www.edx.org
2. https://openstax.org
3. https://rmit.libguides.com
4. https://nluo.ac.in

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

COMPUTER APPLICATIONS IN BUSINESS – I
(Practical Subject)

L	T	P	C
0	0	4	2

Course Objective:
1. To gain practical knowledge and depth working application principles in the office packages for the day to day office transactions.
2. To provide practical knowledge of basic operations in MSWord, MS Excel, MS Power point
3. To integrate Microsoft Office applications for use in business

COURSE OUTCOMES:

CO1: Apply word basic commands, editing and proofing tools, creating tables, changing layout and mail merge concept for creating and managing business documents and effective communication

CO2: Handle business data by applying the in- built features of excel

CO 3: Apply financial and statistical function of excel for financial forecast, project analysis and analysis of business data

C0 4: Create a new presentation, modify presentation themes and add or edit text to slides

CO 5: Design a simple data base, build a new data base with related tables and manage the data in a table

SOFTWARE: MS – OFFICE Package

EXERCISES: Word

1. Create Table with five columns and six rows. Do the following options using that Table:
   a) Sorting b) The Sum Function c) Merge cell d) Table Headings
   Convert Text to a table, Splitting a Table and Table AutoFormat. Show with example.

2. Assuming yourself as the General Manager of a company draft an appointment letter to a candidate short-listed through an interview. (Use Mail Merge)

3. Create at least two pages of text with multicolumn layouts like magazines and newspapers. Add the following options:
   a) Header and Footer
   b) Borders and shading for title
   c) Use WordArt for heading
   d) Use Text Box

EXERCISES: Excel

1. Prepare a Mark Sheet of a School for 10 Students with 6 Subjects details and Calculate how many students pass and fail by including one column as result in the mark sheet.

2. Prepare an EMPLOYEE Database of an Organization with the following details: (Atleast 10 Details) Name, Emp Id, Gender, Address, Phone No, E-Mail Id Qualification, Designation, Department, Salary, Year Of Joining And Working Station
   ➢ Draw Chart to Find Out The % Of Male & Female Working (Pie Chart)
   ➢ Find Out How Many Employees Drawn Salary Above 10000.
   ➢ Draw a Chart For Emp Id And Salary Drawn.

3. Create Balance Sheet and Profit & Loss Statement by your own data for an organization and use atleast 10 Different Formulas in Different Cells.

4. Graphically present the following sales data from ABC Corporation Limited

Zone	Sales in Lakhs			
	1st quarter	2nd quarter	3rd quarter	4th quarter
North	23	26	32	30
South	21	25	30	30
East	24	26	29	27
West	21	26	28	29

Use the following chart types: a. Bar Chart b. 3-D Column

EXERCISES: Power Point
1. Present the agenda of the Annual General Meeting of a company using PowerPoint.
a) Set a suitable timing between two slides.
b) Use appropriate templates, fonts and styles.
c) Store a copy of the presentation as a PowerPoint show (ie., with a pps extension)
d) The timing between slides is 30 seconds.
e) Use different animation effects for each slide.
   Prepare at least seven slides.
2. Design presentation slides for a products of your choice the slides must include name, brand name, type of product, characteristics, special offers, price etc.
a) Changing background colour, font colour using wordart.
b) Use manual mode for the slide show.
c) Use Top-down, Bottom-up, Zoom in and Zoom out effects.

EXERCISES: Access
i. Create a table, form and report for the database: "Patient details"
ii. Fields are: patient, Patient name, Patient age, Patient Gender, Patient address, Patient phone, Patient mobile, Patient email, Doctor detail, Patients reports (At least 10 records should be included).

TEXT BOOKS:
1. AnanthiSheshasaayee and Sheshasaayee, Computer Applications in Business And Management - Margham Publications, Chennai.
2. Dr Ahmad Tasnim Siddiqui, Vivekanand Pandey, Computer Application in Management- Himalaya publishing house, Mumbai

REFERENCE BOOKS:
1. Sinha, P.K. and Sinha, P. Foundation of computing.- BPB Publications.New Delhi
2. Arora, A, Computer fundamentals and applications. Vikas Publishing.
3. Rajaraman, V, Fundamentals of Computers. Prentice-Hall, Delhi
4. Parameswaran R, Computer applications in business-S Chand & company, New Delhi.

WEB RESOURCES:
1. https://edu.gcfglobal.org
2. https://www.invensislearning.com
3. https://www.makeuseof.com
4. https://johnacademy.org

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

ADVERTISING

L	T	P	C
2	0	0	2

COURSE OBJECTIVES:
1. To enable the students to study the evolution of advertising
2. To study thefunctions of advertising agencies
3. to explain the process of advisement making and launching

COURSE OUTCOMES:
CO 1: Understand the origin and growth of advertising sector
CO 2: Explain types of advertising
CO 3: describe about the functions of advertising agencies
CO 4: To identify and make decisions regarding the most feasible advertising appeal and media mix
CO 5: To conduct pre-testing and post testing of advertisement to determine their effectiveness

UNIT-I:INTRODUCTION TOADVERTISING
Advertising – Meaning- Origin and Development- Objectives- Importance- Functions of advertising- Classification and Types of advertisements – merits and demerits

UNIT –II:ADVERTISING AGENCIES
Type and functions of advertising agencies-Advertisement campaign- Social, economic and legal aspects of advertisements - Misleading advertisements- Advertisement Standards council of India- Regulation of advertising in India

UNIT-III:DRAFTING ADVERTISEMENT COPY
Advertisement copy- Requisites of an effective advertisement copy-Types of copy- Elements of copy- Layout- functions of layout – Elements of layout – Principles of design and layout-Copy wring- Qualities of good Copy Writer-Copy testing and Advantages

UNIT–IV:ADVERTISING MEDIA
Media Planning and Strategy -Importance of media planning and selection- Problems in media planning- Internet as an advertisement medium-Objects of Internet advertisement – Advantages and disadvantages of internet advertising

UNIT-V:MEASURING THE EFFECTIVENESS OF ADVERTISING
Need and importance for measuring the effectiveness of advertising- Methods of Measurement: Pretesting, Concurrent testing, Post testing-DAGMAR Model

Text Books:
1. Manendra Mohan – Advertising Management – Concepts and Cases, Tata McGraw Hill
2. Sherlekar, Victor &Nirmala Prasad – Advertising Management – Himalaya Publishing House

REFERENCE BOOKS:
1. C.L. Tyagi, Arun Kumar- Advertising Management- Atlantic Publishers and Distributors
2. Wells, Moriarty & Burnett, Advertising, Principles & Practice, Pearson Education
3. Ruchi Gupta, Advertising – Scholar Tech Press
4. Rajeev Patra and john G. Myers, Advertising Management -Pearson India, New Delhi

WEB RESOURCES:
1. https://www.slideshare.net
2. https://neilpatel.com
3. https://oppen.umn.edu
4. https://courses.lumenlearning.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

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CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

COSTACCOUNTING

L	T	P	C
4	0	0	4

COURSE OBJECTIVES:
1.To provide basic knowledge on cost concepts
2. To impart knowledge on accounting techniques useful in managerial functions.
3.To enable the students to ascertain the cost control methods and the ascertainment of the profitability ofactivates planned

COURSE OUTCOMES:
CO1: Prepare cost sheet to ascertain total cost and cost/ unit in order to prepare quotation
CO2: To differentiate methods of calculating material consumption
CO 3: Apply various labor control Techniques for cost reduction and smooth functioning of business.
CO4: Explain meaning of Overheads. Classify, Allocate, Apportion and Reapportion various overheads to calculate cost.
CO 5: Apply costing methods and costing techniques appropriately

UNIT-1:INTRODUCTION TO COST ACCOUNTING
Cost Accounting -Meaning of Cost, Costing and Cost Accounting. Comparison between Financial Accounts and Cost Accounts-Application of Cost Accounting-Cost Concepts -Cost Unit-Cost Centre-Elements of Costs-Preparation of Cost Sheet.

UNIT-2: MATERIAL COSTING
Classification of Materials-Material Control-Purchasing Procedure-Store Keeping-Techniques of Inventory Control-Setting of Stock Levels- EOQMethod of Pricing- Materials Issues - LIFO-FIFO - Weighted Average Method- Simple Average Method.

UNIT-3: LABOUR COSTING
Control of Labour Cost -Labour Turnover – Method of wage payments-Remuneration and Incentives-Time Rate System-Piece Rate System-Premium and Bonus Plans. O

UNIT-4: OVERHEAD COST CONTROL
Meaning- Classification-Procedure - Allocation and Apportionment- Principles of Apportionment -Reapportionment, Direct, Step, Reciprocal, Simultaneous Equation Trial and Error.

UNIT-5: TECHNIQUES OF COSTING
Unit costing, Job Batch costing, Contract costing, Process Costing-excluding inter process profits.
(Marks:Theory40%andProblems60%)

TEXT BOOKS:
1. Jain, S.P. & Narang, Cost Accounting: Principles & Methods - K.L.-Kalyani Publishers
2. M.N. Arora , A Text Book of Cost Accountancy - Vikas Publishing Pvt. Ltd.

REFERENCE BOOKS:
1. R.S.N.Pillai&Bagavathi, Management accounting- S.Chand, New Delhi.
2. N.P.Srinivasan&M.SakthivelMurugan, Accounting For Management- S.Chand, New Delhi
3. S.Pandian, Accounting for Managers, Ane Book Pvt.Ltd, New Delhi
4. S.N. Maheshwari, Studies in Cost Management- Sultan Chand & Sons

WEB RESOURCES:

1. https://www.prestoexperts.com
2. https: // www.tutorialspoint.com
3. https://www. accounting -simplified.com
4. https://:www.study.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

MARKETINGMANAGEMENT

L	T	P	C
4	0	0	4

Course Objective:
1. To understand the nature and significance of the Marketing Function and the Marketing management process.
2. To gain knowledge about the key aspects of the Buying Behavior of consumers and develop an understanding of the STP Process.
3. To explain the factors affecting various product, pricing, channel management and Marketing communication decisions

COURSE OUTCOMES:
CO1: Identify the marketing functions, environment and segmentation for effective positioning of the products.
CO 2: Assess the factors influencing consumer behavior and apply recent marketing trends in business
CO 3: Develop new products and services that are consistent with evolving marketing needs.
CO 4: Formulate effective pricing policy and select an appropriate channel of distribution
CO 5: Summarize the nature and functions of the elements of Promotion mix

UNIT-I:INTRODUCTION
Nature, Scope and importance of marketing – Functions – Marketing environment- Factors influencing Marketing Environment– Market Segmentation – Need and basis of market segmentationTargeting and Positioning

UNIT-II:CONSUMER BEHAVIOUR
Factors influencing consumer behaviour - general consumers, industrial consumers, online consumers-Recent concepts in marketing – Green marketing, Digital marketing, Relationship marketing

UNIT-III:PRODUCT
Product –definition – levels of product- classification of products – Product Mix: Levels,Hierarchy,Classifications,Mix.Productlifecycle:TheConceptanditsStrategicImplications ,Significanceof branding, NewProductdevelopmentProcess.

UNIT-IV:PRICINGANDPHYSICALDISTRIBUTION
Price – Pricing objectives – Pricing policies – Methods of pricing – Distribution channel (levels, advantages and disadvantages) – Factors to be considered in selecting a channel – Channel conflicts (causes and overcoming conflicts).

UNIT-V:PROMOTION
Eight elements of the Promotion Mix: basics of Advertising (5M's), Sales Promotion, Events& Experiences, Public Relations & Publicity, Direct Marketing, Interactive Marketing, WordofMouthMarketingand PersonalSelling.Factorsaffectingthepromotionmix.

TEXT BOOKS:
1. Dr. C B Gupta, Dr. N. Rajan Nair, Marketing Management - Sultan Chand & Sons, New Delhi
2. Philip Kotler, Marketing Management - Prentice Hall of India Pvt Ltd., New Delhi

REFERENCE BOOKS:

1. R.S.N.Pillai&Bagavathi, Marketing Management, S. Chand Publishing.
2. RajanSexna, Marketing Management, MC Graw Hill Education
3. Ramaswamy,V.S.,Namakumari,S- MarketingManagement: Global Perspective,SagepublicationsIndia Private Ltd, New Delhi
4. Philip Kotler, HermawanKartajaya, Iwan Setiawan, Marketing 4.0- John Wiley & Sons, Inc., USA,

WEB RESOURCES

1. https://www.tutorialspoint.com
2. https://www.feedough.com
3. http://www.yourarticlelibrary.com
4. https://www.tutor2u.net

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

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CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

HUMANRESOURCEMANAGEMENT

L	T	P	C
2	2	0	3

CourseObjective:
1. To equip the students with knowledge, skills and competencies required to manage people.
2. To acquaint the students with various functions and processes related to human resource management.
3. To provide conceptual framework required for human resource planning and development.

COURSE OUTCOMES:
CO 1: Develop an understanding of the human resource functions and environment to manage human resource effectively.
CO 2Identify the human recourse requirement and select suitable work force.
CO 3: Evaluate the performance of human resource and develop suitable training, development and career planning programs
CO 4: Frame sound compensation policy for high employee retention
CO 5: Develop an effective grievance handling procedure

UNIT- I:INTRODUCTION
HRM-meaning, nature, objectives and scope– Importance –Functions of HRM – Environment of HRM - Strategic HRM – Meaning- Objectives- Personnel Management Vs Human Resources Management - Difference between Traditional HRM and Strategic HRM.

UNIT –II: HUMANRESOURCE PLANNING
Meaning and Importance - Job Analysis, Job Description and Job Specification - Recruitment: Meaning and Sources of recruitment. Selection - Meaning and Methods of selection– Interview - Kinds of interview – Steps in interview Procedure – Tests - Kinds and Importance of Tests- Induction – Placement.

UNIT-III: TRAININGANDDEVELOPMENT
Meaning and Importance – Methods of Performance Appraisal. Training – Importance- Benefits - Methods of Training - Executive Development - Meaning and Methods - Career Planning - Meaning and Objectives

UNIT-IV: COMPENSATIONMANAGEMENT
Wage and salary administration – Objectives - Essentials of a sound wage and salary structure – Components of compensation – Executive compensation – Profit sharing – Labour co-partnership – Employee Stock Option PlansWage and salary administration – Objectives - Essentials of a sound wage and salary structure – Components of compensation – Executive compensation – Profit sharing – Labour co-partnership – Employee Stock Option Plans(ESOP).

UNIT-V:GRIEVANCEHANDLING
Grievance redressal procedure - Discipline- essentials of a good discipline system- DisciplinaryProcess – approaches – punishment – exitinterview-LegislativeFramework– TradeUnions - Collective Bargaining - Labour participation in management andworkersempowerment.

TEXT BOOKS:
1. Dr. C B. Gupta, Human Resource Management-Sultan Chand & Sons, New Delhi
2. K. Aswathappa, Human Resource Management - Mc Graw Hill, India Pvt Ltd.,

REFERENCE BOOKS:
1. Monnappa and Saiyadan, Personnel Management, Tata Mcgraw Hill.
2. Rao V.S.P. Human Resource Management, Excel books
3. C.B. Memoria, Personal Management- Himalaya Publishing House
4. Dr. S S. Khanka, Human Resource Management- S. Chand & company ltd., New Delhi

WEB RESOURCES:
1. https://www.citehr.com,
2. https://www.whatishumanresource.com
3. https://shrm.org
4. https://www.coursera.org

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

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CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

COMPUTER APPLICATIONS IN BUSINESS-II
(PRACTICALSUBJECT)

L	T	P	C
0	0	4	2

Course Objective:
1. To impart knowledge regarding concepts of Financial Accounting.
2. To make students capable to create company, enter accounting voucher entries including advance voucher entries, and also print financial statements.
3. To make students ready with required skill for employability in the job market.

Course Outcomes:
   CO1: To help students to work with well- known accounting software i.e. Tally ERP.9.
   CO2: Students will learn to create company, enter accounting voucher entries including advance voucher entries
   CO3: Demonstrate an understanding of various predefined inventory vouchers to suit the various business requirements and flexibility to create unlimited stock items.
   CO 4:Demonstrate an understanding of how to maintain a payroll register .
   CO5: To prepare Accounting, Payroll, Billing, Sales and Profit Analysis, Auditing Banking Inventory, Taxation such as GST, VAT, TDS, TCS etc

SOFTWARE: Tally

1. To Create, Alter and Delete a Company owned by you.
2. Do the voucher entry for the transactions
   1. Mr. Girish started business with Rs. 1,00,000
   2. Bought furniture for Rs.1,000
   3. Goods purchased for Rs.1,500
   4. Goods sold for Rs.2,500
   5. Goods purchased from Selva & Co for credit worth Rs.7,500
   6. Goods sold from Cheenu& Co for credit worth Rs.10,000

3. Alter the following vouchers:

Entry No	Date	Party Name	Alternations
4	7.4.2019	Britannia Industries	Order No. SO 118-due on 7.4.2019
6	9.4.2019	Britannia Industries	Order No. SO 156-due on 10.4.2019 for both items
33	3.5.2019	Beauty Care Centre	Order No .So 1189-due on 5.5.2019
41	5.5.2019	Beauty Care Centre	Order No. SO 2369-due on 15.5.2019

4. Enter the following transactions of the company in Tally and show various reports
   January 1   Commenced business with a capital of 80,000
   January 3   Purchased machinery 10,000
   January 5   Withdrawn from bank for office use 10,000
   January 7   Purchased goods from Siama on credit 9,000
   January 8   Paid cash to Siama 8,800
                   Discount received 200
   January 11   Sold goods to Kima 5,000
   January 16   Received cash from Kima 4,900
                   Discount allowed 100
   January 18   Purchased goods from Siama from cash 6,000
   January 20   Paid wages 3,000
   January 22   Rent received 5,000

5. Record the following transaction that took place during the April to September 2020

S.No	Transactions	Item	Quantity	amount
1	Purchase from Suresh	Reynolds Pen	20	200
2	Sales to Vani	Parker Pen	125	2400
3	Sales to Ragu	Camel Geometry	100	7500
4	Paid money to Suresh in full settlement for the transaction at Ser.No 1 above			190
5	Received from Vani and Ragu Rs.9,500 cash in full settlement for their asset transaction at Ser.No 2 and 3 above.			
6	Paid to Manoj			1000
7	Purchase from Hari	Parker Pen	15	1600
8	Purchase from Manoj	Reynolds pen	18	360
9	Sales to Priya	Pilot Pen	100	15000
10	Purchased furniture			2500
11	Paid insurance premium			1560
12	Sold all the investments			25000
13	Paid 1. Outstanding salaries 2. Electricity charges 3. Tax of the last year			2000 1000 23000
14	Out standing 1. Salaries 2. Provision for Tax			5000 24000

Charge depreciation for the period 1.4.2020 to 30.9.2020 on furniture @ 20% p.a and Machinery @10% p.a.

1. Create a company as per details given above
2. Create appropriate groups and ledgers
3. Enter the transaction as given selecting appropriate voucher type
4. Trail balance as on 30.9.2020
5. Profit and loss account
6. Balance sheet as on 30.9.2020
7. Cash book

6. From the following Trial Balance, prepare Trading, Profit & Loss A/c and a Balance Sheet as on 31st March, 2015 :

Particulars	Debit	Credit
Machinery	14,000	
Furniture	200	
Opening stock	2,000	
Wages	5,000	
Purchases	10,500	
Return inward	400	
Cash at bank	800	
Cash in hand	200	
Debtors	2,400	
Drawings	1,000	
Manufacturing expenses	800	
Rent	400	
Depreciation	420	
Sundry expenses	400	
Repairs	50	
Traveling expenses	100	
Bad debts	150	
Printing and stationary	50	

Carriage	130	
Capital		10,000
Sales		26,800
Creditors		1,700
Return outward		500
	39000	39000

The value of closing stock was Rs.11,355

7. Bill of Material Purchase the following items from Rishav Stores vide Ref No./Invoice No. 01/19-20

Sl No.	Particulars	Under	Rate	Qty (Pcs)	Amount	Godown
1	Perk	Raw Materials	7	100	700	Girish Park
2	Dairy Milk	Raw Materials	8	100	800	Girish Park
3	Gems	Raw Materials	8	100	800	Girish Park
4	Double Shots	Raw Materials	8	100	800	Girish Park
5	5-Stars	Raw Materials	6	100	600	Girish Park
After purchase all the items the company has decided to create 50 box finished goods named "Cadbury Celebration" containing the above items plus cost Rs.2/- per box and labour charges of Rs.500						
Sold 25 boxes of "Cadbury Celebration" @ 15% Profit on cost to Shuvam Stores (Invoice No.S/001)						

8. Create the following stock particulars for Vimal Distribution

Stock Item	Stock Group	Sub stock group	Units of measures	Opening quantity	Unit Price
Bourbon	Biscuits	Cream Biscuits	Packet of 10 Pieces	500 Pcs	10/pkt
Horlicks	Biscuits	Plain Biscuits	Packet of 10 Pieces	1000 pkts	15/pkt
Lacto king	Chocolates	Candy	Packet of 50 Pieces	250 pkts	1/pce
Five star	Chocolates	Bar	Box of 100 Pieces	50 Boxes	10/piece
Lays	Snacks	Potato chips	Box of 100 pieces	150 pkts	10/pkt
Sunfest	Biscuits	Plain biscuits	Packet of 10 pieces	100 pkts	12/pkt
Bournvita	Biscuits	Plain biscuits	Packet of 10 pieces	800 pkts	20/pkt
Alphenliebe	Chocolates	Candy	Packet of 50 Pieces	100 pkts	1/pce
Dairy Milk	Chocolates	Bar	Box of 100 Pieces	250 Boxes	10/piece
Bingo	Snacks	Potato chips	Box of 100 packets	300 boxes	15/pkt

9. on 1st October 2017 purchase raw material in cash for manufacture of pressure cooker voice GST-0111

S.No	Item name	Qty	Rate	GST rate
1	Handel set	100 pcs	50	28%
2	Rubber gasket	100 pcs	3.10	28%
3	Aluminium circle sheet	100 kg	190	18%
4	Safety valve	100 pcs	25	18%
5	Weight set	100 pcs	50	18%
6	Vent tube	100 pcs	53	18%
7	Pressure cooker manual	100 pcs	5	12%
8	Pressure cooker box	100 pcs	11	12%

Pass the necessary entry

10. Generate salary slip from the following particulars

Date	Name	Pay Heads	Amout Rs.	Dr/Cr
30.04.2020	Thamizhselvan	Basic pay	30000	Dr
		D.A	15000	Dr
		H.R.A	2500	Dr
		C.C.A	1500	Dr
		Gratuity	2000	Cr
		P.F	1000	Cr
30.04.2020	Malar	Basic pay	25000	Dr
		D.A	9000	Dr
		H.R.A	1500	Dr
		C.C.A	1000	Dr
		Gratuity	1500	Cr
		P.F	800	Cr
30.04.2020	Manimaran	Basic pay	20000	Dr
		D.A	7000	Dr
		H.R.A	5000	Dr
		C.C.A	3000	Dr
		Gratuity	2000	Cr
		P.F	3000	Cr
30.04.2020	Palani	Basic pay	20000	Dr
		D.A	7500	Dr
		H.R.A	6000	Dr
		C.C.A	3500	Dr
		Gratuity	2500	Cr
		P.F	4000	Cr

TextBooks:
1. TallysoftwarePackage–Manual.
2. ComputerApplicationinAccountingSoftware –Dr.P.Kasivairavan.

WEB RESOURCES:
1. https://tallysolutions.com
2. https://www.tallylearning.net
3. https:/www. udemy.com
4. https://tallyschool.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

EvaluationofthePracticalSubject:

A Board of two examiners (Internal Examiner and External Examiner) appointed by theUniversity shall conduct the practical examinations. Internal marks (50) are awarded on thebasis of students performance in regular activitiesand continuous internal assessmentexaminations and external marksare awarded on the basis of students performance in thefinal practical examinations conducted by the board of examiners appointed by theUniversity.

CONSUMER BEHAVIOUR

L	T	P	C
2	0	0	2

Course objective:
1. To explain the elements constituting Human Behaviour and their relevance towards consumption and purchase
2. To describe the marketing programs and strategies while keeping in mind factors that may influence consumer behaviour
3. To identify consumer decision making models and trends.

COURSE OUTCOMES:
CO 1: understand concept of Consumer Behaviour, types of Consumers, Diversity of Consumers.
CO 2: Acquire basic knowledge about issues and dimensions of Consumer Behaviour.
CO 3: Analyzing consumer information and using it to create consumer oriented marketing strategies.
CO 4: Understand the formulation of marketing strategies based on consumer behaviour
CO 5: Describe the innovation diffusion process

UNIT- I: INTRODUCTION TO CONSUMER BEHAVIOUR
Nature, scope & application and Characteristics of consumer Behaviour– Importance of Consumer behaviour in marketing decisions.

UNIT- II: FACTORS AFFECTING CONSUMER BEHAVIOUR
External Influences – Culture, Sub Culture, Social Class, Reference Groups, Family - Internal Influences– Needs & Motivations, Perception, Personality, Lifestyle, Values, Learning, Memory, Beliefs & Attitudes.

UNIT -III: CONSUMER DECISION MAKING PROCESS
Types of consumer decisions, Consumer Decision Making Process - Problem Recognition - Information Search - Alternative Evaluation –Purchase Selection – Post purchase Evaluation, -Decision Making Models – Black Box Model - Economic model - Howard &Sheth model.

UNIT- IV: CONSUMER BEHAVIOR ANALYSIS AND MARKETING STRATEGY
Consumer Behaviour and Product Strategy - Consumer Behaviour and Pricing Strategy - Consumer Behaviour and Distribution Strategy - Consumer Behaviour and Promotion Strategy

UNIT- V:DIFFUSION OF INNOVATION
Definition of innovation, product characteristics, influencing diffusion, resistance to innovation, adoption process. Buying pattern in the new digital era.

TEXT BOOKS:
1. Hawkins, Best and Coney, Consumer Behaviour,Tata McGraw Hill, New Delhi
2. Leon G Shiffman& Leslie LazerKanuk, Consumer Behaviour –. Pearson Education publishers, Singapore

REFERENCE BOOKS:
1.John A Howard, Consumer Behaviour in Marketing Strategy, Prentice Hall New Delhi
2.Schiffman L G and Kanuk L L Consumer Behaviour, Prentice Hall New Delhi
3.Anita Ghatak, Consumer Behaviour in India, D K Agencies (P) Ltd New Delhi
4.Consumer Behaviour in Indian Perspective –Suja R. Nair,Himalaya Publishing House,

Mumbai.

WEB RESOURCES:

1. https://www.michaelsolomon.com
2. https://www.classcentral.com
3. https://cooltool.com> blog
4. https://www.my-mooc.com>mooc

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

MANAGEMENT ACCOUNTING

L	T	P	C
4	0	0	4

Course Objectives:
1.To develop an understanding about the scope of financial accounting with understanding the concept of profit maximization in changing and complex business world
2. To provide an understanding, importance of different cost control Technique.
3. To give knowledge about the analysis of changes in financial position of corporate entity and develop capabilities in solving complex managerial problems as a business manager

COURSE OUTCOMES:
CO 1: Understand concepts of Management accounting and differentiate between various types of Accounting.
CO 2:Compare common size and comparative financial statements of different periods
CO 3: Discuss importance and limitation of Fund flow and Cash Flow statements and create them for accounting purpose.
CO 4:Apply Standard costing technique for controlling cost.
CO 5: Describe and Analyze relationships between cost, volume and profit for achieving breakeven point and profit maximization.

UNIT-1: **INTRODUCTION TO MANAGEMENT ACCOUNTING**
Meaning, Nature, Scope. Comparison with Financial accounting and cost accounting. Advantages and Limitations of Management accounting , Role of Management Accountant.

UNIT-II:FINANCIAL STATEMENT ANALYSIS
Meaning, Objectives, Significance & Limitations of Financial Analysis, Comparative financial Statements, Common size financial statements .
Ratio Analysis-Solvency Ratios, Long term Solvency ratios, Turnover Ratios, Investment Analysis ratios

UNIT-III: PREPARATION OF FUND FLOW STATEMENT & CASH FLOW STATEMENT
Meaning, Significance, Limitations of Fund Flow Analysis & Cash flow Analysis. Preparation of Fund flows statement and Cash flow Statements.

UNIT-IV: BUDGETING
Meaning , Nature, & Objectives of budgeting - Advantages & Limitations of budgeting. Essentials of effective budget - Methods of Preparation of Master budget, cash budget, flexible budget , Sales budget , production budget and zero based budgeting

UNIT-VMARGINAL COSTING AND STANDARD COSTING
Meaning, Objective Advantages & Limitations of Cost Volume Profit Analysis, Methods, Break-even Chart**.** Introduction of Standard Costing, Cost Variance analysis- Material & Labour variances
(Marks:Theory40%andProblems60%)

TEXT BOOKS:
1. R. S.N. Pillai &Bhagavati- S, Management Accounting-. S.Chand& Co
2. Dr. S.P. Gupta, Dr .K.L. Gupta, Management Accounting- - Sahitya Bhawan Publications.

Reference Books:
1. Goyal, Shiv N – Manmohan, Principles of Management Accounting – SahityaBhawan Publishers, Agra.
2. Maheswari, S.N., Financial Management and Control- Sulthanchand and Sons, New Delhi
3. Sharma & Gupta, Management Accounting- Kalyani Publishers, New Delhi
4. Management Accounting - Dr. S.N. Maheshwari- Sultan Chand & Sons

WEB RESOURCES:
1. https://www.prestoexperts.com
2. https: // www.tutorialspoint.com
3. https://www. accounting -simplified.com
4. https://:www.study.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

RESEARCHMETHODOLOGY

L	T	P	C
4	0	0	4

CourseObjective:
1.Develop an understanding of Role of Business Research, Process of Research and types of research.
2. Explain the mechanism for defining the Research problems and develop Research proposals.
3.Develop an understanding of merits and limitations of various research designs, types of data and methods of data collection.

COURSE OUTCOMES:
CO 1: Gain the Knowledge & understanding of concept / fundamentals for different types of research.
CO 2: Applying relevant research techniques.
CO 3: Evaluating relevant data collection techniques and displaying of data collected
CO 4: Classifying different techniques of sampling.
CO 5: Applying Interpretation and prepare research report.

Unit-I: INTRODUCTION
Research – Meaning – objectives –Importance of research– Features of good research —Types of Research - Problems encountered by researchers in India. Nature and Scope of Business Research – Role of Business Research in decision making. Applications of Business Research

UNIT-II: RESEARCHDESIGN
Research process – Steps involved .Research Design: meaning, need, Features of a good design, important concepts relating to research design- different Research designs - Exploratory, Descriptive, Experimental Research Designs

UNIT-III: DATACOLLECTIONANDSAMPLING
- primary Data - Observation, Questionnaire, Schedule, Interview. Other methods of data collection: Pantry Audit, Consumer panels, mechanical devices, projective techniques, Indepth interviews - Case study method - Secondary data - Documentary Sources. Sampling - Design of Sample – How to select Sample – Types of Sampling.

UNIT-IV: DATAANALYSIS
Measurement & Scaling: Primary scales of Measurement-Nominal, Ordinal, Interval & Ratio - Test of sound measurement - Scaling techniques- paired comparison, rank order, constant sum, semantic differential, itemized ratings, Likert's Scale – IntroductiontoStatisticalPackages–SPSS,UsesofSPSS – PrecautiononusingSPSS.

UNIT- V: RESEARCHREPORTING
Research Report - types of reports – content of report –Style of Reporting – Steps in DraftingReports – Qualities of a good report –References -Bibliography – APA Format in writingreferencesandbibliography.

Text Books:
1. Rajinder Nargundhkar, Marketing Research- Tata McGraw Hill
2. C.R. Kothari, Research Methodology-New Age International Publishers

Reference Books:
1. K.V. Rao, Research Methodology-Sterling Publishers
2. Cooper and Schindler, Business Research Methods-Tata McGraw Hill
3. R.Panneerselvam, Research Methodology-PHI Learning Private Ltd.; New Delhi
4. S.Nakkiran, M.Nazer, FissehaGirmay; Business Research Methods-Avinash Paperbacks, Delhi

Web Resources:
1. https://ala.org
2. http://edutechwiki.unige
3. https: www.ijlist.org
4. https:// www.researchgate.net

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

PRODUCTIONANDOPERATIONSMANAGEMENT

L	T	P	C
4	0	0	4

Course Objective:

1. To understand the basic concepts and theories of the production management
2. To comprehend the operations management situations with greater confidence.
3. To expand individual knowledge of operations management principles and practices.

COURSE OUTCOMES:

CO 1: Develop an understanding of the role of production manager and also select a suitable production system.
CO 2: Analyse and decide a good location for the plant and its layout.
CO 3: Demonstrate efficient planning and control of production activities
CO 4: Analyze and apply skills in operations function to improve plant maintenance.
CO 5: Develop strategies to ensure high quality products are manufactured and distributed.

UNIT- I: INTRODUCTION TO OPERATIONS MANAGEMENT

Definition, Objectives and Functions – Relationship between operations, Production and other Functions: Production Vs Productivity –Production System-Continuous-Intermittent-Job-Batch(Meaning, Advantages and Disadvantages)- Recent trends in Production Management – Green Production – Importance of green production.

UNIT- II: FACILITY LOCATION AND LAYOUT

Objectives – Importance – Factors influencing Plant Location– Advantages and disadvantages of Urban, Sub-Urban and Rural locations. Plant Layout: Objectives – Factors influencing Plant Layout – Types of Plant Layout-Product, Process and Stationary layout.

UNIT- III: PRODUCTION PLANNING AND CONTROL

Objectives – Functions – Stages – Routing and Scheduling – Dispatching and Follow Up. Maintenance Management: Objectives – Breakdown Maintenance: Objectives – Disadvantages – Suitability – Preventive Maintenance: Objectives –Types – Advantages – Limitations.

UNIT- IV: QUALITY CONTROL

Inspection: Objectives – Functions – Centralized and Decentralized Inspection – Quality Control: Objectives – Advantages – SQC [Statistical Quality Control]: Techniques – Benefits – Control Charts – X Chart – R Chart – C Chart – P Chart – Quality Circle – Characteristics – Advantages – TQM – Meaning- Objectives-Importance

UNIT- V:- WORK STUDY

Objectives – Importance – Procedure – Benefits - Method Study: Objectives – Procedure Involved in Method Study - Work Measurement: Objectives – Techniques – Procedure for work measurement – Steps for Conducting Time Study.

TEXT BOOKS
1. P.Saravanavel and S.Sumathi, Production and Materials Management, Margham publications, Chennai, 2006.
2. K.Shridhara Bhat; Production Management; Himalaya Publishing House; Nagpur 2005

REFERENCE BOOKS

1. R.B Khanna, Production and materials management -, Prentice Hall Publications
2. Paneerselvam, Production and operations management- Prentice Hall Publications, New delhi.
3. Chary S.N, Production and Operations Management-TMH Publication.
4. Buffa E.S, Modern Production and Operations Management-TMH Publication

WEB RESOURCES
1. http://www.classcentral.com
2. http://www.alison.com
3. http://www.oxfordhomestudy.com
4. http://www.nitc.ac.in

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

BANKING AND INSURANCE

L	T	P	C
4	0	0	4

OBJECTIVES:

1.To understand the functions of commercial banks in modern banking environment including diverse areas of Indian Banking

2. To develop knowledge about country's central banking system with special reference to Reserve Bank of India and to understand the banker customer relationship in India

3.To gain knowledge of concept and role of insurance in economic development of the country

COURSE OUTCOMES:

CO 1: Understand the concept of indian banking system and its recent trends

CO 2: Understand the functioning of Reserve Bank of India and overall working of commercial banking of India.

CO 3: Utilize effectively the recent trends in banking to run business successfully.

CO 4: understand various principle provision that govern the Life insurance Contracts understand various principles, provision that govern the Life General Insurance Contracts.

CO 5: Distinguish between life insurance and general insurance.

UNIT- I: INTRODUCTION TO BANKING

Meaning and definition - Origin and development of banking – Customer of a bank - Structure of banking in India - Banks and economic development - Functions of commercial banks (conventional and innovative functions) - Central bank -RBI - Functions - Emerging trends in banking.

UNIT- II: NEGOTIABLE INSTRUMENTS

Definition - Characteristics - Types - Parties to negotiable instruments -Cheques - Types of cheques - Crossing of cheques - Drafts - Cheque vs. Draft - Endorsement -Significance - Regularity of endorsement - Liability of endorser -Electronic payments.

UNIT- III: ELECTRONIC BANKING

E-Banking-centralized online real time electronic banking (CORE)-Electronic Clearing service (ECS) - Electronic Fund Transfer - Real Time Gross settlement (RTGS)—National Electronic Fund transfer(NEFT)-society for worldwide interbank financial telecommunication(SWIFT) - E-cheque - Any Time Money - ATM.s- Credit card - Debit card-smart card - Internet banking - mobile banking (12 Hours,)

UNIT- IV:INTRODUCTION TO INSURANCE

Insurance- Concept - need of insurance-insurance as a social security tool - insurance and economic development-principles of insurance - various kinds of insurance - life and general insurance (fire, marine, medical, personal accident, property and motor vehicle insurance) – features.

UNIT- V:LIFE INSURANCE VS. GENERAL INSURANCE.

Life insurance-law relating to life insurance-general principles of life insurance contract, proposal and policy—Assignment and nomination - title and claims - General insurance - law relating to general Insurance - IRDA - powers and functions - insurance business in India. (12 Hours)
.

Text Books:

1. Mithani& Gordon: Financial Services: Banking and Insurance, Himalaya Publishing House,Delhi

2. Vasant Desai, Jain: Financial Services: Banking and Insurance, Himalaya Publishing House,Delhi

Reference Books:

1.Varshney and Sundaram, Banking Theory Law & Practices, Sultan Chand & Sons, New Delhi

2. Shekhar K C and Lekshmy Shekhar, Banking Theory & Practice, Vikas Publishing House, New Delhi

3. Dr. P. Periasamy: Principles and Practice of Insurance Himalaya Publishing House,Delhi.

4. Inderjit Singh, Rakesh Katyal & Sanjay Arora: Insurance Principles and Practices,KalyaniPublishers,Chennai.

Web Resources:

1.cbseacademic.nic.in

2. https://ncfe.org.in

3. https://onlinejain.com

4. https://egov.uok.edu.in

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

RETAILMANAGEMENT

L	T	P	C
4	0	0	4

CourseObjectives:
1. Togiveanoverviewoftheconceptualaspectsofretailmarketingmanagement.
2. to foster the development of the students critical and creative thinking skills
3. **To** prepare students for positions in the retail sector or positions in the retail divisions of consulting companies

COURSE OUTCOMES:
CO 1:Clarify the concept and related terms in retailing.
CO 2: Comprehend the ways retailers use marketing tools and techniques to interact with their customers.
CO 3: Understand various formats of retail in the industry.
CO 4:. Recognize and understand the operations-oriented policies, methods, and procedures
CO 5: Understand how to create a shopping experience that builds customer

UNIT–I:Introduction
Retailing: - Introduction - scope - Functions of retailing - Retail industry in India - types ofRetailing format –Segments of organized retailing in India- Retail as a career.

UNIT-II: Retailplanning
Retailplanningandlocation:-Introduction–Strategicretailplanningprocess-Location-Typesoflocations – Steps – SiteselectionAnalysis.

UNIT-III:Retail storeDesignandPricing
Storedesign,layoutandVisualmerchandising:Conceptsandprinciples – elements–Visualmerchandisingandatmospherics–toolsusedforvisualmerchandising-pricing.

UNIT-IV: RetailSupply ChainManagement
SupplychainmanagementandRetaillogistics:-Evolution of supply chain management–Need CPFR–Retaillogistics – concepts – Importanceofinformationinsupplychainmanagement.

UNIT-V:RetailPromotion
Retail promotion: - Retail store sales promotion - Retail promotion mix strategy –Emergingtrendsinretailing – Onlineretailing.

TEXT BOOKS:
1. Michall Levy , Barton.AWeitz, Dhruv Grewal, Retailing management – Mc Graw Hill
2. Gibson G. Vedamani – Retail management – functional principles and Practice, JaicoPublishing House, New Delhi

REFERENCE BOOKS:
1.Swapna Pradhan, Retail Managemnt, Mcgraw Hill Education
2.Harjit Singh: Retail Management, S. Chand Publication.
3.Chetan Bajaj , Nidhi.V Srinivasa and Rajneesh Tuli, Retail management –Oxford Higher Education
4.S.K. Baral, A Hand Book of Retail management- AITBS Publishers,India

WEB RESOURCES:
1. https://classcentral.com
2. https://www.skillscommons.org
3. https://www.benzinga.com
4. https://www.mindluster.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

MSU/2021-22/UG-Colleges/Part-III(B.B.A.)/Semester-V/Ppr.no.35/MajorElective-1B
SERVICESMARKETING

L	T	P	C
4	0	0	4

Course Objective:
1.To give insights about the foundations of services marketing, customerexpectationsofservicesandgapexistingintheservicedeliveryprocessesandserviceQuality.
2. It emphasises the distinctive aspects of Services Marketing.
3. It aims at equipping students with concepts and techniques that help in taking decisions relating to various services marketing situations.

COURSE OUTCOMES:
CO 1: Understand the Concept of Services and intangible products
CO 2: Discuss the relevance of the services Industry to Industry
CO 3: Examine the characteristics of the services industry and the modus operandi
CO 4: Analyse the role and relevance of Quality in Services
CO 5: Visualise the strategies in the Services sector.

UNIT- I:INTRODUCTION
Introduction–Definition–Evolutionandgrowthofservicesector–NatureandScopeofServices–
Differencebetweenservicesandtangibleproducts–Uniquecharacteristicsofservices–
ChallengesandissuesinServicesMarketing.   (12 hrs)

UNIT –II: STPOFSERVICESMARKETING
Classification of services – Expanded marketing mix –Service marketing – Environment and trends–AssessingServiceMarketpotential-Servicemarketsegmentation,targetingandpositioning.
(12hrs)

UNIT–III:SERVICEDESIGNANDDEVELOPMENT
ServiceLifeCycle–Newservicedevelopment–ServiceBluePrinting–GAPmodelofservicequality–
Measuringservicequality–SERVQUAL–ServiceQualityfunctiondevelopment.
(12 hrs)

UNIT-IV:SERVICEDELIVERYANDPROMOTION

Positioning of services – Designing service delivery System, Service Channel – Pricing ofservices,methods–Servicemarketingtriangle–
Managingdemand,Managingsupply,managingDemandandSupplyofService–
IntegratedServicemarketingcommunication.

(12 hrs)

UNIT-V:SERVICE STRATEGIES

Service Marketing Strategies for Health – Hospitality – Tourism – Financial – Logistics–
Educational – Marketing of Online Services– Entertainment & public utility
InformationtechniqueServices. (12hrs)

COURSE OUTCOMES:

CO 1: To appreciate the challenges faced by services marketing in comparison with the traditional commercial marketing, e-marketing and non commercial environments •

CO 2:To appreciate the differences between marketing physical products and intangible services, including dealing with the extended services marketing mix, and the four unique traits of services marketing;

CO 3: Recognise the challenges faced in services delivery as outlined in the services gap model.

TEXT BOOKS:
1. Lovelock, C.H , Service Marketing : Prentice Hall, London
2. Jha S.M, Service Marketing : Himalaya Publishing House, New Delhi.
3. R. Srinivasan , Service Marketing : The Indian Context, third edition, (PHI).

WEB RESOURCES:
1. https:// www.mooc-list.com
2. https://onlinecourses.nptel.ac.in
3. https://ebs.online.hw.ac.uk
4. https://www.classcentral.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

EFFECTIVE EMPLOYABILITY SKILLS- 1
(Practical Subject)

L	T	P	C
0	0	4	2

COURSE OBJECTIVES:
1. To identify the knowledge and skills required for obtaining and keeping employment.
2. To emphasize individual skill assessments, interpersonal communication skills, workplace responsibilities, teamwork skills,
3. To impart the knowledge and skills for enhancing the career opportunities.

COURSE OUTCOMES

CO 1: To help students explore their values and career choices through individual skill assessments.

CO 2: To make realistic employment choices and to identify the steps necessary to achieve a goal.

CO 3: To explore and practice basic communication skills

CO 4: To learn skills for discussing and resolving problems on the work site

CO 5: To assess and improve personal grooming

UNIT- 1: ENGLISH

Spotting errors-Fill in the blank Cloze Test-Idioms & Phrases-Synonyms & Antonyms---Rearranging the Sentence – One word substitution- Phrase substitution- jumpled sentences-Double blank sentences- Commonly misspelled words - Comprehensions

UNIT-II:TEST OF REASONING –I

Symbols and their relationships- Arithmetical computation – Decision making- verbal and figure classification- Analytical functions -Space visualization- Judgement- Problem Solving-Discrimination

UNIT-III: TEST OF REASONING –II

Assigning Artificial Values to Arithmetical Series -Series Completion Test – Visual memory – Observation – Arithmetical reasoning- Relationship concepts- Differences- Analysis_ Similarities-Analogies

UNIT -IV: QUANTITATIVE APTITUDE I

Number System:Decimals and Fractions- Whole numbers- Relationship between numbers-Ratio & Proportion – HCF & LCM- Simplification – Profit & Loss –Time and Work-

UNIT-V: QUANTITATIVE APTITUDE II

Average ---Simple Interest---Compound Interest– Time and Distance – Permutations & combinations- Probability- Data interpretation – Data sufficiency

Note: <u>Examination Pattern:</u>
- ➢ The Effective employability Skills IPaper   is 100 marks (**50 Continuous Internal Assessment Marks + 50 End Semester PRACTICAL Examinations marks).**
- ➢ For Continuous **Internal Assessment Examination ONE** test is to be conducted with **50 MCOQs**.
- ➢ For **End Semester PRACTICAL Examinations:Seventy five multiple choice objective type questions** are to be asked. (with one correct and three incorrect alternatives and no deduction for wrong or un-attempted questions)
- ➢ The paper consists of five units. 15 MCOQs are to be asked from each unit.
- ➢ The question paper setter is requested to set the questions strictly according to the syllabus.

Text Books:
1. Dr.Lal&Jain,Upkar's Mental Ability Test --- ,UpkarPrakasan Publications Pvt Ltd – Agra.
2. Dr.Lal&A.K.Singh Quicker Reasoning Test--- -UpkarPrakasan Publications Pvt Ltd –Agra. V.P.Mishra-Objective Arithmetic, New light Publishers,Newdelhi.
3. Dr.K.Alex ,Soft Skills

E-RESOURCES:
1. www.bankersadda.com
2. www.gktoday.comwww.jagranjosh.com/bankexams/bank_recruitment-study_material
3. www.affairscloud.com/studymaterial-pdf-download/

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

MSU/2021-22/UG-Colleges/Part-III(B.B.A.)/Semester-V/Ppr.no.37/
FIELD STUDY

L	T	P	C
0	0	2	2

CourseObjectives:
➢ To   undergo

anexternalfieldsurveybychoosinganyindustry(or)company(or)organization.
> Totrainindraftingtheformalreport
> Toimprovethepresentationskill amongthestudents

The subject aims to give bird's eye view of the functioning of industries / business organizations to students through factory visits or any business reality. Each student should submit a final record at the end of semester about visit on the following items.

1. Industrial Profile
2. Company Profile
3. Organization of facilities in the company / filed (Layout)
4. Unique practices of the company
5. Lessons learned through visits . Field visit can be for about 5 to 7 working days

Guidelines for Field Visit

1. Each Student must be allotted a faculty guide. The HOD may allot the guide by discussing with other faculty members.
2. After completing the field visit 10-12 days may be given for the students to prepare and submit the report
3. The students may do a PPT presentation before the class and all faculties.
4. After completing visit the students may be allowed to submit a report in which they must write about the visit.

FINANCIALMANAGEMENT

L	T	P	C
4	0	0	4

CourseObjective: Toacquaintstudentswiththetechniquesoffinancialmanagementandtheirapplic ations for businessdecision making.

COURSE OUTCOMES:
CO 1: Apply financial data for use in decision making by applying financial theory to problems faced by business enterprises.
CO 2: Develop knowledge on leverage and cost of capital enabling to arrange funds at minimum cost.
CO 3: Determine and maintain optimal working capital.
CO 4: Apply modern techniques in capital budgeting analysis.
CO 5: Assess the capital structure of the organization and evaluate the profitability condition

Unit–I:INTRODUCTION
Financial Management: Meaning, Nature and Scope of financial Management-Traditional andModern Approach; Profit Maximization, Wealth Maximization - Finance Function – ConceptofTimeValueof Money, presentvalue, futurevalue,and annuity.

UNIT-II: WORKING CAPITAL MANAGEMENT AND COST OFCAPITAL
WorkingCapital – concept – Types – Operatingandcashcycle – Importance – Determinantsofworking capital-Sources of working capital-Estimation of working capital-Cash management-ReceivableManagement – Inventorymanagement.
Conceptof Costof Capital- Significanceof Costof capital – Measurementofspecificcostsofcapital – Costofdebt – CostofEquityShare – CostofPreferenceShare- Cost of Retained Earning- Measurement of overall cost of capital based on HistoricalandMarketvalueweights.

UNIT–III:DIVIDENDDECISION
Dividenddecisions – Dividendpolicy – Determinantsofdividend – Conservativevs.liberalpolicy – Payoutratio – Retentionratio – Dividendtheories – Waltersmodel – Gordonmodel – MMhypothesispolicy – Bonusshares – Stocksplits.

UNIT –IV: CAPITAL STRUCTURE DECISIONS
Capitalstructure-Meaning-CapitalstructureVsfinancialstructure-Optimal capital structure-Factors determining capital structure-Capital structure theories – Netincome approach-Net-operating income approach-Modigliani and Miller Approach-Arbitrageprocess-Traditionalapproach.
UNIT-V:CAPITALBUDGETING
Capital Budgeting –Nature and meaning of capital budgeting- Cash flow-Capital budgetingtechniques–Paybackperiod-
AccountingRateofReturn,NetPresentValue,InternalRateofReturn – ProfitablyIndexMethod.

(Marks:Theory40%andProblems60%)

TEXTBOOKS:
1. Khan, M. Y. and Jain P. K,Financial Management, Text, Problems & Cases - Tata McGraw Hill Company, New Delhi.
2. Maheshwari, S.N,Financial Management – Principles & Practice- Sultan Chand & Sons, New Delhi.

REFERENCE BOOKS:

1. Prasanna Chandra, Financial Management, Mc Graw Hill, India Pvt Ltd.
2. Dr. R P Rustogi, Basic Financial Management, Sultan Chand & Sons, New Delhi
3. Pandey, I.M, "Essentials of Financial Management", Vikas Publishing House Pvt. Ltd., New Delhi.
4. Arthur J. Keown, John D. Martin, J William Petty, David F. Scott, Jr., FinancialManagement, Pearson Prentice Hall, India

WEB RESOURCES:

1. https://www.open.edu
2. https://onlinecoursereport.com
3. https://www.swayamprabha.gov.in/
4. https://swayam.gov.in/

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

STRATEGICMANAGEMNT

L	T	P	C
4	0	0	4

CourseObjective:

1.To understand the basic concept and nature of strategic decision making.

2. To analyze different types of strategies and integration of strategic plans with business plans.

3. To familiarize among students the concept of strategic analysis, its alternative strategies and implementation concepts

COURSE OUTCOMES:

CO1: understand growing importance of strategies in uncertain business environment.

CO 2: Understand the basic concept of business strategy

CO 3: Identify and evaluate different alternative strategies for effective decision making

CO 4: Analyze strategy implementation alternatives for effective decision making

CO 5: Illustrate the strategic requirements and correlation between business plans with strategic plans

UNIT-I:INTRODUCTION

StrategicManagement:Concepts – Differencebetweenstrategyandtactics – Threelevelsofstrategy,StrategicManagementProcess – Benefits.

UNIT-II:STRATEGYFORMULATION

Strategic Formulation: Corporate Mission: Need –Formulation, Objectives: Classification-Guidelines, Goals: Features- Types, Micro and Macro environment - Environmental Scanning- Need- Approaches- SWOTanalysis – ETOP –Valuechainanalysis.

UNIT-III:CORPORATEPORTFOLIOANALYSIS

Choiceofstrategy:BCGmatrix – TheGEninecellplanninggrid – Corporatelevelgenericstrategies:Stability,Expansion,Retrenchment,Combinationstrategies.

UNIT-IV:STRATEGYIMPLEMENTATION

StrategicImplementation:Roleoftopmanagement – Process-Approaches,Resourceallocation – Factors-Approaches,Mckinsey's7'sframework,StrategicPositioning – Fourroutestocompetitiveadvantage.

UNIT-V:STRATEGYEVALUATION

StrategicEvaluation:Importance – Criteria-QuantitativeandQualitativefactors,Strategiccontrol:Process – Criteria-Types,Essentialfeaturesofeffectiveevaluationandcontrolsystems.

TEXT BOOKS

1. Francis Cherunilam, Business Policy & Strategic Management text and cases - Himalaya Publishing House, Mumbai

2. L.M Prasad, Business policy and strategic management – Sultan Chand & Sons.

REFERENCE BOOKS:

1. P.K. Ghosh ,Business Policy –

2. Vipin Gupta, Kamala , Gollakota and R.Srinivasan, Business policy and StrategicManagement Concepts and applications- PHI, New Delhi.

3. Subbarao, Strategic Management , Himalaya Publication

4. Azhar Kazmi and Adela Kazmi, Strategic Managemnt,McgrewHill Education

WEB RESOURCES:
1. https://pll.harvard.edu
2. https://www.mooc-list.com
3. https://mygreatlearning.com
4. https://www.alison.com/

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

ENTREPRENEURSHIPDEVELOPMENT

L	T	P	C
4	0	0	4

CourseObjective:
1.To simulate the real life activities of entrepreneurs in the startup age of a new venture.
2. To provide the skills to start and build enterprise, implement it successfully
3. To inculcate skills to manage the transition of a start up to a full fledged business entity.

COURSE OUTCOMES:
CO 1: List the characteristics of an entrepreneur, entrepreneur as well their role in the economic development of the country
CO 2:Explain the entrepreneurial environmental factors
CO 3: Design business plan
CO4: Raise funds and avail assistance through various funding and support agencies for their finance
CO 5: Identify the factors influencing rise of small and medium entreprises.

UNIT -I:INTRODUCTION
Definition of Entrepreneurship – Concept of Entrepreneurship –Role of entrepreneurs in economic development-Entrepreneur Vs. Intrapreneur - Characteristics of a successful Entrepreneur – Functions of an entrepreneur -Types of entrepreneurs –-Factors influencing entrepreneurial growth- Entrepreneurial challenges – E-entrepreneurship.

UNIT - II: ENTREPRENEURALENVIRONMENT
EDPinIndia–PhasesofEntrepreneurialprograms—IndustrialEstates–Industrialclusters – Incentivesandsubsidies– Advantages – Needs&Problems–Promotionalagencies–NMCC,SIDO,NSIC,NAYE,TCO,SISI's – Khadi&VillageCommission – STEP–NIESBUD–SIDCO – TIIC- MSME & DICs- Business Incubators& Start-ups.

UNIT-III:BUSINESSPLANPREPARATION
Defining Business Idea – Idea generating techniques- Identification of business opportunities-Business plan- Perspectives in business plan preparation- Elements of business planBusiness plan failures.

UNIT-IV:FINANCING OFSMALL BUSINESS
Financing Options - Bridge capital, Seed capital assistance, Margin money scheme, Sickness,Causes-Remedies-
Anoverviewontherolesofinstitutions/schemesinentrepreneurialdevelopment-Commercial
banks, IDBI, ICICI, SIDBI, SFCs - Role of Central Government and State Government in promoting Entrepreneurship - Role of following agencies in the Entrepreneurship Development - District Industries Centers (DIC), Micro Small and Medium Enterprises(MSME), National Entrepreneurship Development Board (NEDB), Entrepreneurship development institute of India (EDII), National Institute for Entrepreneurship and Small Business Development(NIESBUD)

UNIT-V:MANAGEMENTOFSMALLBUSINESS
Small Scale Industries – introduction – types – objectives – Role of small business enterprises – establishing a small scale enterprise –Organization structure for small scale industries – ownership pattern – the start-up process-growth -problems – success stories.

TextBooks:

1. Vasant Desai, Dynamics of Entrepreneurial Development and Management, Himalaya publishing house, Mumbai,
2. S.S.Khanka, Entrepreneurial Development, S.Chand& Company ltd, New Delhi
3. Kumar,Arya,"Entrepreneurship", Pearson, New Delhi.

REFERENCE BOOKS:

1.Gopal,V.P.Nanda), Entrepreneurial Development - Vikas Publishing, New Delhi.
2. Vasant Desai, Dynamics of Entrepreneurial Development & Management - Himalaya Publishing House.
3. E.Gordon, &K.Natarajan, Entrepreneurship Development; Himalaya Publishing House; Mumbai
4. Jayashree Suresh, Entrepreneurial Development-Margham Publications, Chennai

WEB RESOURCES:

1. https://courses.lumenlearning.com
2. http://www.rroij.com
3. https://www.businessstudynotes.com
4. https://msme.gov.in/all-schemes

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

TRAININGANDDEVELOPMENT

L	T	P	C
4	0	0	4

Course Objectives: Tounderstandtheconcepts,toolsandtechniquesofmanagement traininganddevelopment.

COURSE OUTCOMES:
CO1: To develop an understanding of the evolution of training & development from a tactical to a strategic function.
CO2: To provide an insight into what motivates adults to learn and the most appropriate methodologies to impart training
CO3: To understand the concept of training audit & training evaluation
CO4: To learn how design a training module and execute it
CO5: To understand the need for and concept of Performance Management

UNIT-I:LEARNING
Concept,principlesoflearning,methodsoflearning,importanceofteachingtechniques,instructionte chnology,instructorbehaviour,attentionversusinvolvement.

UNIT–II:TRAINING
Training:Concept,Importance&ObjectivesofTraining,ProcessandSignificanceofTraining,Ident ificationofTrainingNeeds,EvaluationofTrainingEffectiveness.

UNIT–III: METHODSOFTRAINING
On the job training ,Off the job training, choosing optimum method ,the lecture, field trips, paneldiscussion, behavior modeling, interactive demonstrations, brain storming, case studies, actionmazes, incident process, in-baskets, team tasks, buzz-groups and syndicates, agenda setting, role-plays-reverse role plays, rotational role plays, finding metaphors, simulations, business games,clinics, critical incidents, fish bowls, T-groups, data gathering, grouping methods, transactionalanalysis,exceptionanalysis.

UNIT-IV:DESIGNINGANDCONDUCTINGTRAININGANDDEVELOPMENTPROGRAMM ES
Concept - process of designing and conducting Training and development. Designing ATrainingUnit (CrossCultural,Leadership,TrainingtheTrainer,Change),BudgetingofTraining.

UNIT-V:EVALUATIONOFTRAININGANDDEVELOPMENTPROGRAMME
Concept-Definition of Training Evaluation-Types of Evaluation-Evaluation design issues,InductionversusOrientation – EvaluatingTraininganddevelopment-objectives,process,purpose,Effectivenessof training.

TEXT BOOKS:
1. Lynton R Pareek, U, Training for Development, Vistaar, New Delhi.
2. Peppar, Allan D, Managing the Training and Development Function, Gower, Aldershot
3. Buckley, R., & Caple, J The theory and practice of Training (5th ed.) London and Sterling,

WEB RESOURCES:

1. https://inflibnet.ac.in
2. https://onlinecourses.nptel.ac.in
3. https://nsdcindia.org
4. https://managementhelp.org

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

FINANCIALSERVICES

L	T	P	C
4	0	0	4

Course Objectives:
1. To familiarize the students with the financial services industry as the growing phenomenon of Liberalization, Privatizations and Globalizations.
2. To impart knowledge about Indian financial system and Indian financial market and its assets.
3. To develop knowledge about new and innovative financial services introduced in recent years.

COURSE OUTCOMES:
CO 1: Understand the functioning of the financial system & Financial services
CO 2 Apply critical, analytical and integrative thinking while understanding the functioning for the Leasing
CO 3: Utilise factoring, forfaiting and leasing services for their enterprises.
CO 4:. Assess and make wise investments in mutual funds and also get their credit worthiness evaluated for obtaining borrowings/investments.
CO 5: Develop a critical, analytical and integrative thinking of the role played by the regulators in the smooth functioning of the markets.

UNIT-1:INTRODUCTION
FinancialServices–meaning and types–Fund based financial services and fee based financial services–Introduction to Merchant Banking Services in India–Role and functions of Merchant Bankers.

UNIT–II:VENTURE CAPITAL AND MUTUAL FUNDS
Features and types of Venture Capital – Various stages of Venture Capital €Financing - Venture Capital Exit Strategies – Venture capital firms in India – Mutual Funds – Types- structure- NAV- Mutual funds in India

UNIT–III:LEASING AND FACTORING
Leasing essentials - Operating and Financial Lease – Advantages and Limitations of Leasing – Leasing Vs hire purchase -Factoring – Parties involved and process of factoring-Functions of a Factor -Different forms of factoring services - Factoring Vs Bills discounting – Forfaiting- Mechanism of Forfaiting – Factoring VS Forfaiting.

UNIT-IV:CREDIT RATING
Meaning, types of credit Rating and Need for credit rating- Factors affecting credit Rating- Advantages and Limitations of credit rating- Rating Process and methodology - Credit Rating Agencies in India.

UNIT- V: MERGERSANDACQUISITIONS
 Expansion of business firms- Internal and External expansion. Forms of combinations merger, acquisition and takeover-Reasons for merger -Types of merger-Merger VS Take over -Types of Takeover –Defense strategy against hostile takeover Mergers in India – Recent trends in financial services – Shadow banking-Angel funds- hedge funds.

TextBooks:
1. Bhole, L.M., Financial Institutions and Markets: Structure, Growth and Innovations Tata Mc-Grow Hill. New Delhi:
2. Khan, M.Y., Financial Services – Tata McGraw Hill New Delhi.
3. Gurusamy.S., Merchant Banking and Financial Services, McGraw Hill Educations India
4. VA Avadhani, Financial Services in India, Himalaya Publishing House, Mumbai

WEB RESOURCES:
1. https://www.glbimr.org
2. https://due.com
3. https://www.cipfa.org
4. https://corporatefinanceinstitute.com

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
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CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

(Practical)
EFFECTIVE EMPLOYABILITY SKILLS- II

L	T	P	C
0	0	4	2

COURSE OBJECTIVES:
1. To identify the knowledge and skills required for obtaining and keeping employment.
2. To emphasize individual skill assessments, interpersonal communication skills, workplace responsibilities, teamwork skills,
3. To impart the knowledge and skills for enhancing the career opportunities.

COURSE OUTCOMES
CO 1: To help students explore their values and career choices through individual skill assessments
CO 2: To make realistic employment choices and to identify the steps necessary to achieve a goal
CO 3: To explore and practice basic communication skills
CO 4: To learn skills for discussing and resolving problems on the work site
CO 5: To assess and improve personal grooming

UNIT -I: GENERAL AWARENESS- I
India and its neighboring countries especially pertaining to History, culture, geographic, economic Scene, General Policy & Scientific Research- Government schemes and policies – Banking and Insurance awareness – Financial awareness

UNIT-II: GENERAL AWARENESS- II
Current affairs ─ Books and Authors – Sports - Important days in a year – Abbreviations- Portfolio – People in news

UNIT-III: Numerical ability -III

UNIT – IV:COMPUTER PROFICIENCY TEST -II
Computer Fundamentals – Computer Hardware- Computer software- Memory- Key board shortcuts- Computer Abbreviations- Microsoft Office – Networking –Internet.

UNIT -V: INTERVIEW SKILLS
Resume writing – Meaning – Features of a good resume, Model (Exercise) . Key Skills to attend the Interview, Answering interview Questions, Handling Tricks situations.

Note: Examination Pattern:
➢ The Effective employability Skills II Paper is 100 marks (25 Continuous Internal Assessment Marks + 75 End Semester External University Examinations marks).
➢ For Continuous Internal Assessment Examinations: three tests are tobe conducted with 25 MCOQs. The best two test marks are considered for awarding internal marks.
➢ For External University Examinations, Seventy five multiple choice questions are to be asked. (with one correct and three incorrect alternatives and no deduction for wrong or un-attempted questions)
➢ The paper consists of five units. 15 MCOQs are to be asked from each unit.
➢ The question paper setter is requested to set the questions strictly according to the syllabus.

Text Books:
1. Dr.Lal&Jain,Upkar's Mental Ability Test --- ,UpkarPrakasan Publications Pvt Ltd – Agra.
2. Dr.Lal&A.K.Singh Quicker Reasoning Test--- -UpkarPrakasan Publications Pvt Ltd – Agra.
3. V.P.Mishra-Objective Arithmetic, New light Publishers,Newdelhi.
4. Dr.K.Alex ,Soft Skills

WEB RESOURCES:
1. www.bankersadda.com,
2. www.gktoday.comwww.jagranjosh.com/bankexams/bank_recruitment-study_material
3. www.affairscloud.com/studymaterial-pdf-download/

MAPPING-COURSE OUTCOME WITH PROGRAMME SPECIFIC OUTCOME

CO/PO &PSO	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	S	M	L	L	M	S	M	L	M	L
CO 2	M	S	L	S	M	S	M	M	L	L
CO3	S	M	M	L	S	S	S	M	M	L
CO4	S	M	L	L	M	S	S	L	M	L
CO5	S	M	M	L	L	S	M	M	L	L

S – Strong   M – Medium   L- Low

MAJORPROJECT

L	T	P	C
0	0	1 0	5

CourseObjectives:

Major Project is expected provide students with an opportunity to apply their class room learning to a real life business situation. The Projectworkcan bedoneeither**individually** or byagroupnot**exceedingtwo**students.UnderthesupervisionandguidanceoftheteachersoftheDepartment.Thetopicsshalleitherbe allotted by the supervising teacher or be selected by the students in consultation with thesupervisingteacher.

Theprojectworkshallhavethefollowingstages:

a. Projectproposalpresentationandliteraturereview
b. Fieldworkanddataanalysis
c. Reportwritinganddraftreportpresentation
d. Finalreportsubmission

The report shall be printed and flexi paper binding with around 50 A4 size pages. The layouts:

Font: Times New Roman
Font: Size:12
LineSpacing:1.5
Margin:Left- 1.5;Right-1;Top-1;Bottom-1

The project report should be submitted to the Department at least 15 days before the lastworking day of the sixth semester. The candidate shall prepare three copies of the report: twocopies for submission to the Department and one copy for the student to bring at the time ofviva-voce.

StructureoftheReport

1. TitlePages
2. CertificateofthesupervisingTeacherwithsignature
3. Contents
4. ListofTables,Figuresetc.
5. **Chapter 1-** Introduction, Review of literature, Statement of the problem, Need andSignificance of the study, Objectives of the study, Research Methodology (Sample, Datasources,Tools ofanalysis etc.),Limitations ofthestudy,Presentationofthestudy(3-5pages)
6. **ChapterII –** TheoreticalBackGround(3-5pages)
7. **ChapterIII –** DataAnalysis andInterpretation(10-15pages)
8. **ChapterIV –** SummaryofFindings,ConclusionandSuggestions
9. **Appendix:**Questionnaire,Specimencopiesofforms,otherexhibits
10. **Bibliography**(Books,journalarticles,websiteetc.usedfortheprojectwork)(Writtenbasedon APAformat)

Evaluation oftheReport

➢ ABoardoftwoexaminersappointedbytheUniversityshallevaluatethereport.
➢ AVivavocebasedontheprojectreportshallbeconductedindividuallybytheBoardofExaminers.
➢ Thetotalcredits forProjectworkis6.
➢ TheMaximumMarks forevaluationofthereportshallbe100distributedamongthefollowingcomponents,

i	Statementoftheproblem	5
ii	Objectives ofthestudy	5
iii	Review ofliterature	5
iv	Methodology	5
v	AnalysisandInterpretation	10
vi	Presentationofthereport	5
vii	Findingsandsuggestions	10
viii	Bibliography	5
ix	Viva-Voce	50
	Total	100

Don Bosco College of Arts and Science, Keela Eral

VISION OF THE COLLEGE:

Don Bosco College of Arts and Science, inspired by divine and human values, envisages enlightenment and empowerment of the youth towards personal and social transformation.

MISSION OF THE COLLEGE:

1. To make higher education qualitative, inclusive, cost effective and accessible to the rural masses.
2. To exercise a preferential option in favor of the rural youth especially the First Generation Learners and socially and economically weaker sections of the society.
3. To facilitate the actualization of individual potential, integrating knowledge, skills, values and behaviour and prepare the students to face the global opportunities and challenges of a meaningful life and career.
4. To constantly pursue higher standards of excellence, integrity and credibility in all endeavors and transform the students, in collaboration with all the stakeholders of higher education, to be agents of social transformation.
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Department of Commerce

PREAMBLE

The B.Com programme is structured to equip students with knowledge, skills and attitude to meet the challenges of the modern day business world. By the end of the programme, students gain an in-depth knowledge on core subjects like Accounting, Banking, Law, Statistics, Finance, Logistics and Marketing. Professional courses like Chartered Accountant, Company Secretary, Cost and Management Accountant and Master of Business Administration can be pursued along with B.Com, because the courses are interrelated.

VISION

The Commerce Department determined to become outstanding in offering Commerce Education UG courses in south Tamilnadu for students to inculcate the fundamentals of Business, Commerce, Banking and Finance to cater the dynamic needs of the business world by generating professional in the in the field of commerce.

MISSION

- The Programmes aim to make the students employable and self employment oriented (Self employable).
- Its aim is to make the students to learn the writing and interpretation of books of accounts, be conversant with the financial and economic environment and acquire the management skills required to manage the business.
- The programme includes imparting and developing the oral and written communication, Information Technology and statistical skills as well as legal knowledge.
- Considering the importance of self employment, the programme aims to develop and inculcate entrepreneurial skills among the students.
- Overall the course aims to work on the enrolled students to make them more productive, self reliant and constructive for self and society's benefit.

PROGRAMME OUTCOMES:

Students at the time of graduation will be able to

PO1: To gain thorough systematic and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication and computer.

PO2: To acquire practical knowledge to take up the task of accounting professionals.

PO3: To serve as a launch pad for professional programmes like CA, CMA and ACS.

PO4: To demonstrate progressive learning of various financial issues related to individuals and businessmen to setting up their own business start-up.

PO5: To do their higher education and can build their career as business professionals.

I B.Com Semester - I

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
I	I	1	Language	Tamil/other language	6	4
	II	2	Language	Communicative English – I	6	4
	III	3	Major Core 1	Financial Accounting – I	5	4
	III	4	Major Core 2	Business Organisation & Management	4	4
	III	5	Add on Major (compulsory)	Professional English for Commerce & Management – I	4	4
	III	6	Allied- I	Business Economics	3	3
	IV	7	Common	Environmental Studies	2	2
				Sub Total	30	25

I B.Com Semester - II

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
II	I	8	Language	Tamil/other language	6	4
	II	9	Language	Communicative English – II	6	4
	III	10	Major Core 3	Financial Accounting – II	5	4
	III	11	Major Core 4	Principles of Insurance	4	4
	III	12	Add on Major (compulsory)	Professional English for Commerce & Management – II	4	4
	III	13	Allied- II	Marketing	3	3
	IV	14	Common	Value Based Education/Social Harmony	2	2
				Sub Total	30	25

II B.Com Semester - III

Semester	Part I/II/III/IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
III	III	15	Language	Tamil-III/Other Language	6	4
	III	16	Language	English-III	6	4
	III	17	Major Core 5	Advanced Financial Accounting	5	4
	III	18	Major Core 6	Banking Theory Law & Practice	4	4
	III	19	Allied- III	Computer Applications in Business	3	3
	IV	20	Non Major Elective I (Any one)	1. Introduction to Accountancy 2. Consumer Protection	2	2
	III	21	Skill Based I – Core	Business Communication	4	4
	IV	22	Common	Yoga	2	2
				Sub Total	30*	25*

* Excluding the hours and Credit for Yoga

II B.Com Semester - IV

Semester	Part I/II/III/IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
IV	III	23	Language	Tamil-IV/Other Language	6	4
	III	24	Language	English-IV	6	4
	III	25	Major Core 7	Quantitative Techniques	5	4
	III	26	Major Core 8	Logistic Management	4	4
	III	27	Allied- IV	Application of Tally in Accounting	3	3
	IV	28	Non Major Elective II (Any one)	1. Financial Accounting 2. Human Rights	2	2
	III	29	Skill Based II – Core	Entrepreneurship Development	4	4
	V	30	Extension Activity	NCC/NSS/YRC/YWF	-	1
	IV	31	Common	Computer for Digital Era	2	2
				Sub Total	30*	26*

*Excluding the hours and Credit for Computer for Digital Era

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
V	III	32	Core 9	Corporate Accounting	6	4
	III	33	Core 10	Cost Accounting	6	4
	III	34	Core 11	Business Law	6	4
	III	35	Core 12	Research Methodology	5	4
	III	36	Major Elective I (Any one)	1. Income Tax Law & Practice 2. Human Resource Management 3. Elements of E-Commerce	5	4
	IV	37	Skill Based III Common	Personality Development/Effective Communication/Youth Leadership	2	2
				Sub Total	30	22

III B.Com Semester - VI

Semester	Part I/II/ III/ IV/V	Subject No.	Subject Status	Subject Title	Contact Hours Per week	Credit
VI	III	38	Core 13	Special Accounts	5	4
	III	39	Core 14	Management Accounting	5	4
	III	40	Core 15	Industrial Law	5	4
	III	41	Core 16	Auditing and Corporate Governance	4	4
	III	42	Major Elective II (Any one)	1. Business Taxation 2. Retail Management 3. Human Values & Business Ethics	4	4
	III	43		Major Project	7	7
				Sub Total	30	27

For Problem Papers 40 % marks for theory and 60% marks for problems.
Proportion of marks between internal evaluation and external evaluation for subjects- 25:75.
Internal – 20 marks for theory and 5 marks for assignment.
Total Credits – 150 (Excluding the hours and Credit for Yoga and Computer for Digital Era)

Objectives

Preamble

        This course introduces the learners to the basic concepts and conventionsof Accounting for preparation of final accounts.

Course Outcomes (CO)

    On successful completion of the course, the learners will be able to

    CO1(K1): outline the Accounting Principles

    CO2(K2): explain the golden rules of Accounting

    CO3(K3): draw the Trail Balance

    CO4(K4): classify the various types of Accounting Errors

    CO5(K5): evaluate the Financial position of business through Final Accounts

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit-I

Accounting –Definition – Branches of Accounting – Functions of Accounting – Advantages – Limitations –Book keeping – Difference between Book keeping and Accounting – Users of Accounting information – Accounting Principles – Concepts and Conventions – Accounts and classification – Double entry system of Accounting – Journal – Ledger –Subsidiary Books – Trial balance – Final Accounts

Unit II

Bank Reconciliation Statement –Rectification of Errors – Suspense Account.

Unit III

Bills of Exchange- Essentials – Accounting Treatment – Renewal of the Bill – NotingCharges – Retiring the Bill – Insolvency – Accommodation Bill - Average Due Date – Account Current.

Unit IV

Depreciation – Meaning – Causes – Types – Straight Line Method – Written Down ValueMethod – Annuity Method – Insurance Claims – Loss of Stock – Loss of Profit.

Unit V

Single Entry system – Meaning – Salient Features – Defects – Statement of AffairsMethod – Conversion Method – Difference between Single entry and Double entry System – Self Balancing Ledger – Sectional Balancing System.

Text & Reference Books

1. S.P.Jain&K.L.Narang, Advanced Accountancy, Kalyani Publishers, New Delhi.

2. R.L.Gupta and M.Radhaswamy, Advanced Accountancy, Sultan Chand &Sons, New Delhi.

3. M.C.Shukla and T.S.Grewal, Advanced Accountancy, Sultan Chand &Co., New Delhi.

4. Dr.M.A.Arulanandam&K.S.Raman, Advanced Accountancy, Himalaya Publishing House, Mumbai.

5. T.S.Reddy& A. Murthy, Advanced Accountancy, Margham Publications, Chennai.

6. R.S.N.Pillai, Bagavathi&S.Uma, Fundamentals of Advanced Accounting, S.Chand& Company Ltd., New Delhi.

I B. COM (I SEMESTER) – UNDER CBCS
PART III – MAJOR CORE -2
BUSINESS ORGANISATION AND MANAGEMENT

Objectives

1. To understand business and its role in society.
2. To enable the student to undertake business activities.
3. To familiarise the students with concepts and principles of management.
4. To impart knowledge on the functions of management among the students

Preamble

The course familiarizes the learners with the various types of contracts,FEMA, sale of goods act and carriage of goods.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to **CO1(K1):** describe the procedure for formation of contract **CO2(K2):** explain the remedies for breach and discharge of contract

CO3(K3): utilize the terms and conditions of indemnity, guarantee, bailment,pledge & agency

CO4(K4): examine the features of Foreign Exchange of Management Act 1999
CO5(K4): analyse the provisions of sale and carriage of goods Act

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K4)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	03
Weighted percentage of Course contribution to POs	**2.39**	**2.34**	**2.37**	**2.17**	**2.37**	**2.31**	**1.65**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I: Business Enterprises

Forms of Business Organisation: Sole Proprietorship, Joint Hindu Family Firm, Partnership firm, Joint Stock Company, Cooperative society; Limited Liability Partnership; Choice of Form of Organisation. Government - Business Interface; Rationale and Forms of Public Enterprises - International Business - Multinational Corporations

Unit II: Foundation of Indian Business

Manufacturing and service sectors; Small and medium enterprises; Problems and government Policy - India's experience of liberalisation and globalisation - Technological innovations and skill development - 'Make in India' Movement - Social responsibility and ethics Emerging opportunities in business; Franchising, Outsourcing, and E-commerce

Unit III: Introduction to management

Meaning and definition of management-Functions of management- Managerial skills-Levels of management-Roles of manager-Management as a science or art-contributions to management by F.W.Taylor, Henry Fayol, Elton Mayo and Peter.F.Drucker.

Unit IV: Management and Organisation

The Process of Management: Planning; Decision-making; Strategy Formulation. Organizing: Basic Considerations; Departmentation – Functional, Project, Matrix and Network; Delegation and Decentalisation of Authority; Groups and Teams

Unit V: Leadership, Motivation and Control

Leadership: Concept and Styles; Trait and Situational Theory of Leadership. Motivation: Concept and Importance; Maslow Need Hierarchy Theory; Herzberg Two Factors Theory. Communication: Process and Barriers; Coordination – Importance; Control: Concept and Process.

Suggested Readings:

1. Kaul, V.K., Business Organisation and Management, Pearson Education, New Delhi

2. Chhabra, T.N., Business Organisation and Management, Sun India Publications, New Delhi,

3. Gupta CB, Modern Business Organisation, Mayur Paperbacks, New Delhi

4. Koontz and Weihrich, Essentials of Management, McGraw Hill Education.

I B. COM (I SEMESTER) – UNDER CBCS
PART III – ALLIED -1
BUSINESS ECONOMICS

Objectives

1. To identify the role of supply and demand in a market economy

2. To enhance knowledge on recent economic trends

Preamble

This course familiarizes the learners with laws in managerial economicsand enables them to solve economic problems in the business.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the concepts of business economics

CO2(K2): explain the theories of demand analysis

CO3(K3): determine the cost and revenue of the firm

CO4(K4): analyze the various approaches of demand forecasting for existing andnew products

CO5(K5): assess the pricing policy

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	1	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	2	1	1	-
CO4(K4)	3	2	1	1	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	05	07	05	05	02
Weighted percentage of Course contribution to POs	2.39	2.34	2.96	2.17	2.37	2.31	1.1

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

SYLLABUS

Unit I

Introduction of Economics and Business Economics: Meaning, Nature and Significance of Economics – subject matter of Economics – Meaning, Nature and Significance of business Economics – Role of business economics in decision making – Role and responsibilities of a business economist.

Unit II

Consumption and Demand analysis: Business significance of Consumption and Demand – Demand determinants – Law of demand and demand curves – Types of demand – Concept of elasticity – Methods of measuring price elasticity of demand – Relationship between price elasticity and sales revenue.

Unit III

Production Analysis: Factors of production and their characteristics – Production possibility curves – Concepts of total product, Average product and Marginal product – Fixed and variable factors – Classical and Modern approaches to the law of variable proportions – Law of returns to scale and Economies and diseconomies of scale.

Unit IV

Supply and Cost analysis: Supply – Factors affecting supply – Law of supply – Elasticity of supply and types of elasticity of supply – Cost of production – Concepts of Cost– Sunk cost and future cost, direct cost and indirect cost – Cost curves – Total, Average, Marginal cost curves – Relationship of MC to AC – Fixed and variable cost curves.

Unit V

Price and output decisions in various market forms: Role of Time in determining the mvalue of products – Equilibrium conditions of a firm and Industry under various market forms – Price and output determination in a Perfect Market – Price and output determination in an Imperfect Market with specific reference to Monopoly, Monopolistic competition and Oligopoly.

Text & Reference Books

1. Chaturvedi. D.D., Gupta. S.L. and Sumitra. A.L., Business Economics-Test and cases, Galgotia publishing company, New Delhi, 2001.

2. ManabAdhkary, Business Economics (2nd Edition), Excel Books, New Delhi, 2002.

3. Samuelson. B.A., Economics, Tale MC Graw Hill, New Delhi, 1976.

I B. COM (II SEMESTER) – UNDER CBCS
PART III – MAJOR CORE-3
FINANCIAL ACCOUNTING - II

Objectives

1. To enhance critical and analytical approach to different types of accounting.
2. To provide real life opportunities to manage business accounts.
3. To know the pattern of recording transactions in Hire Purchase and Installment Purchasesystems.
4. To understand the accounting treatment to be followed at the time of Insolvency of anindividual and while taking a lease of a property.

Preamble

This course introduces the learners to the land mark achievements of theaccounting of various business operations.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): record the accounting transaction in respective business

CO2(K2): differentiate the methods of accounting in various business operations

CO3(K3): use the accounting procedure for various business

CO4(K4): analyse the position of different business **CO5(K5):**

evaluate the accounting information

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	-	-	1	2	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	2	1	2	-	1	1
CO5(K5)	3	2	1	2	1	1	2
Weightage of the course	15	07	04	07	05	05	05
Weighted percentage of Course contribution to Pos	2.39	2.34	2.37	2.17	2.37	2.31	2.75

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I Consignment

Consignment – Account Sales – Treatment of Bad Debts – Del- Credere Commission – Over Riding Commission – Difference between Consignment and Sales – Valuation of UnsoldStock – Recurring and Non- recurring expense – Abnormal, Normal Loss – Invoice Price Model.

Unit II Joint Venture

Joint Venture – Meaning – Difference between Joint Venture and Partnership, Difference between Consignment and Joint Venture – Methods of Maintaining Accounts – Own Book Model (Joint Bank Account) – Separate Book Model – Memorandum Joint Venture Model.

Unit III Accounts of Non- Trading Concern

Accounts of Non- Trading Concern – Meaning – Capital and Revenue Expenditure – Capital and Revenue Receipts – Difference between Capital and Revenue items – Income and Expenditure Account – Receipts and Payments Account – Balance Sheet

Unit IV Hire purchase

Hire purchase and Instalment system – Calculation of Cash price and interest – Default and Repossession – complete and partial – Difference between Hire purchase and Instalment system – Instalment system

Unit V: Royalty Account

Meaning – Minimum rent – Short working – Type of recoupment - strike and lock out – Insolvencyaccounts – Insolvency of an individual – Statement of Affairs – Deficiency Account.

Text & Reference Books

1. S.P.Jain&K.L.Narang, Advanced Accountancy, Kalyani Publishers, New Delhi.
2. R.L.Gupta and M.Radhaswamy, Advanced Accountancy, Sultan Chand &Sons, NewDelhi.
3. M.C.Shukla and T.S.Grewal, Advanced Accountancy, Sultan Chand &Co., New Delhi.
4. Dr.M.A.Arulanandam&K.S.Raman, Advanced Accountancy, Himalaya PublishingHouse, Mumbai.
5. T.S.Reddy& A. Murthy, Advanced Accountancy, Margham Publications, Chennai.
6. R.S.N.Pillai, Bagavathi&S.Uma, Fundamentals of Advanced Accounting, S.Chand&Company Ltd., New Delhi.

I B. COM (II SEMESTER) – UNDER CBCS
PART III – MAJOR CORE-4
PRINCIPLES OF INSURANCE

Objectives

1. To understand the nature of Insurance and the principles those govern general insurance.

2. To gain an insight on the nature of Life Insurance, Fire Insurance and Marine Insurance and toknow the procedure for making claims against different kinds of Insurance policies.

3. To understand the dynamics of Financial Security of people.

4. To learn the meaning and importance of new forms of Insurance.

Preamble

This course introduces the learners to Corporate Accounting and the techniques of preparing accounts and statements under various corporate situations.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the accounts of banking companies
CO2(K2): explain the concept of liquidation of companies **CO3(K3):** draw the consolidated balance sheet of holding company**CO4(K4):** compare single account and double account system **CO5(K5):** appraise the revenue account of Insurance companies

CO-PO Mapping table (Course Articulation Matrix)

PO\CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	-	1	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	05	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.96	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Insurance - Meaning, Definition, Functions, Nature and Principles of Insurance – Insurance Contract - Importance of Insurance to Society, Individuals, Business and Government

Unit II

Life Insurance - Meaning and Features of Life Insurance Contract – Classification of policies – Annuities – Selection of risk – Measurement of risk – Calculation of premium – Investment of funds – Surrender Value – Policy conditions –Life Insurance for the Under Privileged.

Unit III

Fire Insurance – Meaning, Nature and Use of Fire Insurance- Fire Insurance Contract- Kinds of policies – Policy conditions – Payment of claim – Reinsurance – Double insurance- Progress of Fire Insurance.

Unit IV

Marine Insurance - Meaning and Nature of Marine Insurance – Classification of policies – Policy conditions – Premium calculation – Marine Losses – Payment of Claims- Progress of Marine Insurance Business in India.

Unit V

Personal Accident Insurance – Motor Insurance – Burglary Insurance – Miscellaneous Forms of Insurance including Social Insurance – Rural Insurance and Prospects of Agriculture Insurance in India – Health Insurance – Liability Insurance - Bancassurance.

Course Texts:

1. Mishra. M. N & Mishra. S.B - Insurance - Principles and Practice, S.Chand & Company Ltd. , New Delhi, 22nd Edition, 2016

2. Krishnaswamy. G - A Textbook on Principles and Practice of LifeInsurance, Excel Books, New Delhi, First Edition- 2012.

3. Periasamy. P - Principles and Practice of Life Insurance, Himalaya
4. Publishing House, 2017.

I B. COM (II SEMESTER) – UNDER CBCS
PART III – ADD ON MAJOR - 2
PROFESSIONAL ENGLISH FOR COMMERCE & MANAGEMENT – II

Objectives:

The Professional Communication Skills Course is intended to help Learners in Arts and Science colleges

- Develop their competence in the use of English with particular reference to the workplace situation.
- Enhance the creativity of the students, which will enable them to think of innovative ways to solve issues in the workplace.
- Develop their competence and competitiveness and thereby improve their employability skills.
- Help students with a research bent of mind develop their skills in writing reports and research proposals.

Unit 1- Communicative Competence

Listening – Listening to two talks/lectures by specialists on selected subject specific topics - (TED Talks) and answering comprehension exercises (inferential questions)

Speaking: Small group discussions (the discussions could be based on the listening and reading passages- open ended questions

Reading: Two subject-based reading texts followed by comprehension activities/exercises

Writing: Summary writing based on the reading passages.

Grammar and vocabulary exercises/tasks to be designed based on the discourse patterns of the listening and reading texts in the book. This is applicable for all the units.

Unit 2 - Persuasive Communication

Listening: listening to a product launch- sensitizing learners to the nuances of persuasive communication

Speaking: debates – Just-A Minute Activities

Reading: reading texts on advertisements (on products relevant to the subject areas) and answering inferential questions

Writing: dialogue writing- writing an argumentative /persuasive essay.

Unit 3- Digital Competence

Listening to interviews (subject related)

Speaking: Interviews with subject specialists (using video conferencing skills)

Creating Vlogs (How to become a vlogger and use vlogging to nurture interests – subject related)

Reading: Selected sample of Web Page (subject area)

Writing: Creating Web Pages

Reading Comprehension: Essay on Digital Competence for Academic and Professional Life.

The essay will address all aspects of digital competence in relation to MS Office and how they can be utilized in relation to work in the subject area

Unit 4 - Creativity and Imagination

Listening to short (2 to 5 minutes) academic videos (prepared by EMRC/ other MOOC videos on Indian academic sites – E.g. https://www.youtube.com/watch?v=tpvicScuDy0)

Speaking: Making oral presentations through short films – subject based

Reading: Essay on Creativity and Imagination (subject based)

Writing – Basic Script Writing for short films (subject based)

- Creating blogs, flyers and brochures (subject based)
- Poster making – writing slogans/captions (subject based)

Unit 5- Workplace Communication & Basics of Academic Writing

Speaking: Short academic presentation using PowerPoint

Reading & Writing: Product Profiles, Circulars, Minutes of Meeting.

Writing an introduction, paraphrasing

Punctuation (period, question mark, exclamation point, comma, semicolon, colon, dash, hyphen, parentheses, brackets, braces, apostrophe, quotation marks, and ellipsis)

Capitalization (use of upper case)

Outcomes of the Course.

At the end of the course, learners will be able to,

• Attend interviews with boldness and confidence.

  • Adapt easily into the workplace context, having become communicatively competent.

  • Apply to the Research & Development organisations/ sections in companies and offices with winning proposals.

Instruction to Course Writers:

1. **<u>Acquisition of subject-related vocabulary should not be overlooked</u>**. Textboxes with relevant vocabulary may be strategically placed as a Pre Task or in Summing Up
2. Grammar may be included if the text lends itself to the teaching of a Grammatical item. However, testing and evaluation does not include Grammar.

PART III – ALLIED -2

MARKETING

Objectives

1. To understand the basic marketing concepts.

2. To create skills to develop marketing strategies based on product, price, place and promotion objectives.

Preamble

This course introduces the learners to the importance of marketing and thechallenges ahead in the competitive business world.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): state the importance of Market Segmentation

CO2(K2): explain the concept Product Life Cycle **CO3(K3):**

apply various strategies in Pricing

CO4(K4): analyse the Buying Behaviour of the Consumer

CO5(K5): appraise the methods of Personal Selling and Sales Promotion

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	-	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	04	05	04
Weighted percentage of Course contribution to POs	**2.39**	**2.34**	**2.37**	**2.17**	**1.9**	**2.31**	**2.2**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Marketing – Definition – Objectives – Micro and Macro marketing – Modern marketing concept – Marketing in economics development

Unit II

Functions of marketing – Marketing mix – Market segmentation – Market targeting and positioning

Unit III

Product Planning – Development – Product line – Product Mix strategies – Product life cycle –Diversification – Elimination - Pricing Strategies.

Unit IV

Marketing of consumer goods – Channels of distribution – Types of channels – Recent trends in marketing – Online marketing – Tele – Marketing – Service marketing.

Unit V

International marketing – Importance – Objectives – Policies – Import and Export marketing – Prohibited imports and exports – Coping with global competition – Export – Import scene in India.

Text & Reference Books

1. R.S.N Pillai&Bhagavathi, Modern Marketing, Principles & Practices, S. Chand & Co.Ltd., New Delhi.

2. Philip Kotler, Marketing Management Practice, Hall of India Pvt Ltd., New Delhi.

3. William G. Zikmund& Michael d' Amico, Marketing, West Publishing Company.

4. Sundar K, Essentials of Marketing, Vijay Nicole Imprints Private Limited, Chennai.

Objectives

1. To know the system of Accounting followed in Branches and Departments of business organization.

2. To understand the nature and system of accounting followed in Partnership firm.

3. To know the procedures to be followed at the time of Admission, Retirement and Death of a partner in a partnership business.

4. To know the procedures to be followed at the time of dissolution of partnership business.

Preamble

This course introduces the learners to the basic concepts and conventionsof Accounting for preparation of final accounts.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the Accounting Principles

CO2(K2): explain the golden rules of Accounting

CO3(K3): draw the Trail Balance

CO4(K4): classify the various types of Accounting Errors

CO5(K5): evaluate the Financial position of business through Final Accounts

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	**2.39**	**2.34**	**2.37**	**2.17**	**2.37**	**2.31**	**2.2**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Branch Accounting – Debtor's system – Invoice price Method (excluding stock and Debtor's system) – Departmental Accounts – Departmental Trading, Profit and Loss Accounts – Departmental Transfers.

Unit II:

Partnership Accounts - Past adjustments and guarantee - Admission of a Partner– Revaluation Account – Adjustment regarding goodwill – Adjustment regarding capital

Unit III:

Retirement - Death of a Partner– Retirement and Admission – Death of Partner – Retiring Partner's loan – Joint life policy.

Unit IV:

Dissolution of partnership– Accounting Procedure – Insolvency of a partner, two partners and all partners – Garner vs. Murray rule.

Unit V:

Amalgamation of firms- Sale to a company – Gradual Realisation of Assets and Piecemeal Distribution – Maximum loss method – amalgamation of firms.

Text & Reference Books

1. S.P.Jain&K.L.Narang, Advanced Accountancy, Kalyani Publishers, New Delhi.
2. R.L.Gupta and M.Radhaswamy, Advanced Accountancy, Sultan Chand &Sons, New Delhi.
3. M.C.Shukla and T.S.Grewal, Advanced Accountancy, Sultan Chand &Co., New Delhi.
4. Dr.M.A.Arulanandam&K.S.Raman, Advanced Accountancy, Himalaya Publishing House, Mumbai.
5. T.S.Reddy& A. Murthy, Advanced Accountancy, Margham Publications, Chennai.
6. R.S.N.Pillai, Bagavathi&S.Uma, Fundamentals of Advanced Accounting, S.Chand& Company Ltd., New Delhi.

II B. COM (III SEMESTER) – UNDER CBCS

PART III – MAJOR CORE - 6

BANKING THEORY LAW AND PRACTICE

Objectives

1. To create an idea of modern banking

2. To familiarise the students with the banking activities

Preamble

This course introduces the learners to banking practices with an emphasison various functions performed and technologies used in banks.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): identify different types of customers operate account in banks **CO2(K2):** explain the contribution of banking services in economic development**CO3(K3):** build an idea of modes of creating charges on various securities **CO4(K4):** analyze practical implications of negotiable instrument and banking

technology

CO5(K5): appraise credit control measures of RBI

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	1
CO2(K2)	3	1	1	1	-	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	2	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	**2.39**	**2.34**	**2.37**	**2.17**	**2.37**	**2.31**	**2.2**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

SYLLABUS

Unit I:

Banker and Customer- Relationship between banker and customer – General & Special relationship – Rights of the banker – Negotiable instruments – Promissory note, Bill of exchange & Cheque (Meaning & Features) – Proper Drawing of the cheque – Crossing (Definition & Types) – Endorsement (Definition & Kinds) – Material alternation.

Unit II:

Banking System- Indigenous Bankers – Commercial Banks – Co-Operative Banks – Land development Banks – Industrial Development Banks - NABARD- EXIM Banks – Foreign Exchange Banks.

Unit III:

Traditional Banking- Receiving Deposits – General Precautions – Kinds of deposits – Fixed – Current – Saving – Recurring & Others - Lending Loans & Advances – Principles of sound lending – forms of advances – loan , cash credit , over draft & purchasing and discounting of bills. Mode of charging security – lien , pledge , mortgage , assignment & hypothecation.

Unit IV:

Modernised Banking- Core banking – Home banking – Retail banking – Internet banking – Online banking and Offline banking – Mobile banking –Electronic Funds Transfer – ATM and Debit Card – Smart Card – Credit Card – E-Cash – Swift – RTGS.

Unit V:

Reserve Bank of India- Functions of Reserve Bank of India – Methods of Credit Control.

Text Books

1. K.C.Sherlekar, Banking Theory Law and Practice, Himalaya Publishing House.

2. E.Gordon and K.Natarajan, Banking Theory Law and Practice, Himalaya Publishing House.

Reference Books

1. S.N.Lal, Banking Theory Law and Practice.

2. M.C.Tannen , Banking Theory Law and Practice. LexixNexixVutterworth, Nagpoor.

3. S.S.Gulshan and GulshanK.Kapoor, Banking Theory Law and Practice.

4. S. Guruswamy, Banking Theory Law and Practice –3rd Edition, Vijay Nicole Imprints Private Limited, Chennai.

PART IV – NON- MAJOR ELECTIVE -1 (SELECT ANY ONE) - 1

INTRODUCTION TO ACCOUNTANCY

Objectives

1. To enable the students to prepare and provide accounting information to the interested parties.

2. To enhance their knowledge of the fundamental and technical concepts of accounting.

Preamble

This course introduces the learners to the basic concepts and conventions of Accounting for preparation of final accounts.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the Accounting Principles

CO2(K2): explain the golden rules of Accounting

CO3(K3): draw the Trail Balance

CO4(K4): classify the various types of Accounting Errors

CO5(K5): evaluate the Financial position of business through Final Accounts

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Accounting – Definition – Functions – Advantages – Limitations – Book Keeping – Difference between Accounting and Book- Keeping – Users of Accounting Information - Accounting Principles – Concepts and Conventions – classification of Accounts – Double entry system – Merits – Rules of Debit and Credit – Accounting Equation.

Unit II:

Journal – Procedure of journalizing - Compound Journal Entry - Subsidiary books – Purchase book – Sales book – Purchase Return book – Sales return book – Single Column Cash book.

Unit III:

Ledger – Features of Ledger Accounts – Difference between Journal and Ledger – Ledger Posting – Balancing of Ledger Accounts- Preparation of Ledger Accounts

Unit IV:

Trial Balance – Features– objectives – Preparation of Trial Balance

Unit V:

Final Accounts – Simple problems with Closing Stock, Outstanding and Prepaid adjustments only

Text Books

1. T.S.Reddy&A.Murthy, Advanced Accountancy, Margham Publications, Chennai.
2. S.P.Jain&K.L.Narang, Advanced Accountancy, Kalyani Publishers, New Delhi.

Reference Books

1. M.C.Shukla and T.S.Grewal, Advanced Accountancy, Sultan Chand &Co, New Delhi.
2. Dr.M.A.Arulanandam&K.S.Raman, Advanced Accountancy, Himalaya Publishing House, Mumbai.
3. P.C.Tulsian, Accountancy, Tata McGraw, Hill edition.

PART IV – NON- MAJOR ELECTIVE -1 (SELECT ANY ONE) - 2

CONSUMER PROTECTION

Objectives

1. To create awareness regarding the intellectual property rights and consumer protection.

2. To explain the students about a better quality of living as consumers.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): state the importance of Market Segmentation

CO2(K2): explain the concept Product Life Cycle

CO3(K3): apply various strategies in Pricing

CO4(K4): analyse the Buying Behaviour of the Consumer

CO5(K5): appraise the methods of Personal Selling and Sales Promotion

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	-	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	04	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	1.9	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Consumer-Consumerism-Types of consumers (age, sex, behaviour , place of residence, income) – objectives -Goods and services-types-evolution and growth of consumer movement in India and Tamil Nadu.

Unit II:

Exploitation of consumer-Pricing, adulteration, information and labeling, duplication , artificial demand , Spurious goods , late deliveries , advertising , poor after sales service , warranty and services , fitness , not honouring terms and conditions , for sale and services , financial frauds , credit card frauds and product risks.

Unit III:

Consumer Rights-Meaning and sources-Six rights of the consumers under Consumer Protection Act-Right to Safety-Information-Choice, be heard, Redressal and consumer education-Consumer Responsibility.

Unit IV:

Consumer protection-Meaning-Need for consumer protection-How to protect consumers-Legal measures-Consumer Protection Act 1986– objectives -Special features of the Act-Three tier features of the Act-Three tier Redressal Agencies-District level , State level and National level. Consumer Protection (Amendment) Act 2003

Unit V:

Model form of complaints-with reference to goods and services-Consumer related cases.

Text Books
1. M.J.Antony , Consumer Rights, Clarion book.
2. Shri Ram Khanna ,SaivtaHanunspalSheetalKapoor , H.K.Awasthi, Consumer affairs, University Press .
Reference Books
1. R.S.N.Pillai and Bhagavathi, Mordern Marketing Principles and Practices, S.Chand and Company.
2. S.A.Sherlekar, Marketing Management , Himalaya Publication House.
3. MohineSetr and P.Seetharaman, Consumerism A Growing Concept , Phoenix Publishers, New Delhi.
4. Gulshan& Reddy, Consumer Protection.

PART III – SKILL BASED I - CORE

BUSINESS COMMUNICATION

Objectives:

1. To develop better written and oral business communication skills among the students andenable them to know the effective media of communication.

2. To enhance their writing skills in various forms of business letters and reports.

Preamble

The course introduces the learners to different aspects of setting up a new business.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): identify the business ideas and opportunities

CO2(K2): explain the business proposal

CO3(K3): formulate a well-conceived Business Plan

CO4(K4): compare various government schemes and getting financial assistance

CO5(K4): examine entrepreneurial skill by starting up of new business

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	2	1	-	1	-	2	1
CO2(K2)	2	1	-	1	-	1	1
CO3(K3)	2	1	-	2	-	-	1
CO4(K4)	1	1	-	2	-	-	1
CO5(K4)	2	1	-	2	-	2	1
Weightage of the course	09	05	0	08	0	05	05
Weighted percentage of Course contribution to POs	1.44	1.67	0	2.48	0	2.31	2.75

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I: Introduction: Business Communication:

Meaning – Objectives – Media – Barriers - Importance of Effective Business Communication- Modern Communication Methods - Business Letters: Need - Functions - Kinds - Essentials of Effective Business Letters - Layout

Unit II: Business Correspondence :

Enquiries - Replies - offers and quotations - Orders and their Execution - Credit and Status Enquiries - Meaning - Trade and bank references - Complaints and Adjustments - Collection Letters - How to write effective Collection letters - Sales Letters - Circular Letters.

Unit III: Banking, Insurance and Agency Correspondence:

Banking Correspondence - Introduction - correspondence with customer, Head office – Insurance Correspondence –Life insurance- Fire insurance – Marine insurance - Agency Correspondence

Unit IV: Report Writing:

Company Secretarial Correspondence - Agenda, Minutes and Report Writing- Types- Characteristics of good Report- Report of individuals

Unit V: Technology and Business Communication:

Application for Jobs: Preparation of resume- Interviews- Meaning- types ofInterview- Candidates preparing for an interview- guidelines to be observedduring an interview- Business Report Presentations - Strategic Importance of E-Communication.Email, Text Messaging, Slide or Visual Presentation – Internet- Video conferencing - Group Discussion – Social Networking.

Text Books:

1. Rajendra Pal, J.S. Korahilli, Essentials of Business Communication,Sultan Chand & Sons, New Delhi.

2. N.S.Raghunathan&B.Santhanam, Business Communication, MarghamPublications, Chennai.

3. R.S.N.Pillai and Bhagavathi.S, Commercial Correspondence, ChandPublications, New Delhi.

II B. COM (IV SEMESTER) – UNDER CBCS
PART III – MAJOR CORE - 7
QUANTITATIVE TECHNIQUES

Objectives

1. To provide basic knowledge of mathematical techniques as are applicable to business.

2. To provide logical idea to find out practical solutions for the managerial problems.

3. To provide the basic knowledge of statistical techniques as are applicable to business.

4. To enable the students to apply statistical techniques for quantification of data in business.

Preamble

This course introduces the learners to arithmetic application ofmathematics, the role of matrix and set theory to solve the business problems.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): describe the various mathematical application in business

CO2(K2): explain the operations of set theory and matrix

CO3(K3): use indices and logarithm rules to simplify the problem

CO4(K4): compare arithmetic and geometric progression

CO5(K5): choose the appropriate the mathematical formulas related to finance

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	1	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	05	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.96	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Analytical geometry- Distance between two points in a plane-slope of a straight line – equation of straight line – point of intersection of two lines – applications (1) demand and supply (2) cost-output (3) break-even analysis

Unit II:

Matrices – meaning – types – algebra of matrices – addition and subtraction – scalar multiplication – Multiplication of matrices-transpose of a matrix –Determinant – minors and co-factors –inverse of a matrix – solving simultaneous linear equations using matrix method.

Unit III:

Measures of Central Tendency – Mean – Median – Mode – Geometric Mean .Measures of Dispersion-Range – Quartile Deviation – Mean Deviation - Standard Deviation – Co-efficient of Variation. Skewness - methods of studying Skewness - Karl Pearson's Co-efficient of Skewness – Bowley's co-efficient of Skewness.

Unit IV:

Correlation – meaning – types-scatter diagram – Karl Pearson's Co-efficient of Correlation- Rank correlation – Concurrent deviation method. Regression analysis – uses-Regression line – Regression equations – least square method - deviations taken from actual mean and assumed mean method.

Unit V:

Index numbers – meaning – types – its problems – Methods of constructing index numbers – unweighted and weighted indices – Index number tests – Consumer price index numbers - Analysis of time series – Meaning – Importance – Components of time series – Secular trend, seasonal, cyclical and irregular variations – Measurement of trend - Graphic method-Semi average method – Moving average method – Method of least square.

Text / Reference Books

1. D.S. Sancheti & V.K. Kapoor, Business Mathematics Sultan Chand and Sons, New Delhi.
2. M. Manoharan & C. Elango, Business Mathematics, Palani Paramount Publications, Palani.
3. Dr. S.P. Gupta, Statistical Method, Sultan Chand & Sons, New Delhi.
4. R.S.N. Pillai & Bhagavathi, Statistics-Theory and Practice, S.S. Chand & Co.
5. M. Wilson, Business Statistics, Himalaya Publishing House, Mumbai.
6. Dr. M. Manoharan, Statistical Methods, Palani Paramount Publications, Palani.
7. G.K. Ranganath, Text book of Business Mathematics, Himalaya Publishing House, Delhi.

8. D.C. Sanchetti & B.M. Agarwal, Business Mathematics, Sultan Chand and Sons, New Delhi.

Outcomes:

1. To analyse the practical applications of Analytical Geometry in business field.

2. To know about matrix algebra, scalar multiplication and also to find out the inverse of a matrix.

3. To know the measures of central tendency and to apply to measure averages.

4. To apply the tools on measures of dispersion that are useful for estimating variations.

5. To apply the various methods for calculating correlation coefficient.

6. To apply regression analysis for estimating values for future period.

7. To understand the concepts about indices and time series.

PART III – MAJOR CORE -8

LOGISTIC MANAGEMENT

Objectives

1. To understand the role of logistic management in growth of business
2. To understand the functional areas in logistics

Unit I:

Logistics - Meaning - Importance - Logistical Competency - Logistical Mission - Service - Total Cost - Logistical Renaissance - Technological Advancement - Regulatory Change - IT Revolution.

Unit II:

Work of Logistics - Network design - information - Transportation and Inventory - Warehousing - material handling - packaging - integrated Logistics.

Unit III:

Operating - Rapid response - minimum variance - minimum inventory - movement consideration - quality - Life cycle support - barriers to internal integration in organizational structure - measurement system

Unit IV:

Information functionality and inventory functionality - principles of logistics information - Information Architecture - planning - operations - Logistics Information flow - application of new information technologies - electronic data interchange standards - inventory determining order point - lot size.

Unit V:

Transportation infrastructure - transport functionality - principles - modal classification transportation formats - suppliers of transportation service - storage functionality principles - concept of strategic storage - developing warehouse resource - warehouse strategy.

Text Books

1. Satish C. Ailawadi and Rakesh P. Singh, Logistics Management, PHI Learning Pvt. Ltd., New Delhi.
2. S. K. Bhattacharya, Logistics Management, S.Chand Publishing, New Delhi.

Reference Books

1. Agarwal D K, Textbook of Logistics And Supply Chain Management.
2. Donald J Bowersox, David J. Closs ,Logistical Management (Integrated supply chain Process), Tata McGraw-Hill Companies.
3. Donald J. Bowersox, David J. Closs, and M. Bixby Cooper, Supply chain Logistics Management, Tata McGraw-Hill Companies.
4. Prof. Martin Christopher, Logistics & Supply Chain Management.

PART III – ALLIED - 4

APPLICATION OF TALLY IN ACCOUNTING

Objective

1. To provide basic knowledge of computerized accounting to deserving students under self – learning mode.
2. To know the preparation of budget and vouchers
3. To process purchase orders, sales order and salary payment
4. To prepare the final accounts
5. The student will get an employment after learning the paper

Preamble

The course familiarizes the learners with the computer based accountingmanuals and preparing the final accounts with GST in accounting automation

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K2): illustrate the mechanism of accounting accounting procedures

CO2(K3): apply the basic procedure for various voucher entries, sale orders andpurchase orders

CO3(K4): analyze the bill wise procedure and various price list

CO4(K5): assess the accounting with GST procedure

CO5(K6): prepare the inventory operations and budget in accountingpackage

PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K2)	3	1	1	2	-	1	-
CO2(K3)	3	1	1	2	1	1	1
CO3(K4)	3	2	1	2	1	1	1
CO4(K5)	3	1	1	2	2	1	1
CO5(K6)	3	1	1	2	1	1	1
Weightage of the course	15	06	05	10	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.01	2.96	3.1	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I Introduction to Tally ERP 9.0 – Creating Company:

Meaning of Computerized Accounting – Importance – Computerized Accounting Vs Manual Accounting, Introduction to Architecture of TALLY ERP 9.0 – Creation of company – Select Company – Alter – Edit – Delete Company – Role and Importance of Functional keys

Unit II Ledger and Voucher Creation:

Creation of groups – Various kinds of groups – Multiple and Single – Creation of ledgers – Various kinds of ledgers – Entering vouchers – Journal voucher, Purchase voucher, Sales voucher, Receipt voucher, Payment voucher

Unit III Creation of Cost:

Introduction to cost – Creation of Cost Category – Cost Centre Category – Editing and Deleting Cost Centre – Usage of Cost Category and Cost Centres in voucher entry – Budget control – Creation of budgets – Editing and Deleting budgets – Reports – Reconciliation of Financial Statements.

Unit IVE-Accounting:

Trial Balance, Trading Account, Profit and Loss Account, Balance sheet preparation

Unit VInventories:

Introduction to Inventories – Creation of Stock category – Stock group – Stock item – Editing and Deletion of stock items – Usage of stock in voucher entry – Stock voucher on purchase order – Customer and supply analysis – Stock Journal entries

Text Book:

1. A.K. Nadhani, Implementing Tally, BPB Publications
2. Dr.P.Rizwan Ahmed, Tally ERP 9, Margham Publications, 2016.

Note: 100% Practical for External; No Theory Examination.

*Marks: Internal 50 & External 50

Internal: 50 Marks (**Theory – 25; Practical – 25**)

   a) Theory: (25 Marks)

Internal marks for theory part shall be awarded as below:

i) The average of the best two scores of the student from

three tests of an hour duration shall be averaged   20 marks

ii) Assignment   5 marks

                         Total   **25 marks**

   b) Practical: (25 Marks)

Internal marks for practical part shall be awarded as below:

i) Record Note   5 marks

ii) Program / Procedure writing   5 * 2 = 10 marks

iii) Debugging   2.5 * 2 = 5 marks

iv) Result   2.5 * 2 = 5 marks

                         Total   **25 marks**

External: 50 Marks (**Practical only**)

   b) There is no external theory examination for this subject.   Only practical shall be
        conducted as external examination.

        Practical mark shall be awarded as below:

        i) Record Note   10 marks

        ii) Program / Procedure writing   10 * 2 = 20 marks

        iii) Debugging   5 * 2 = 10 marks

        iv) Result   5 * 2 = 10 marks

                         Total   **50 marks**

Practical examination should be conducted by both internal and external examiners.
                         List of Practical
1. Creation of New Company
2. Alter, Delete and Shut of Existing Company
3. Creation of Accounting ledger and Voucher
4. Creation of Cost Centre and Category
5. Creation of Godown and Budgets
6. Final Accounts with adjustment
7. Trial Balance
8. Creation of Inventory ledger and Voucher
9. Creation of ledger and Voucher Bill of Material
10. Inventory Analysis (Stock Groupwise / Stock Itemwise / Invoicewise / Location wise)

II B. COM (IV SEMESTER) – UNDER CBCS

PART IV- NON – MAJOR ELECTIVE -II (SELECT ANY ONE) - 1
Objectives
FINANCIAL ACCOUNTING

1. To explain the concept and role of Accounting and financial reporting in the modern marketingeconomy.

2. To explain the regulatory frame work for the operation of fundamental accounting

Preamble

This course familiarizes the learners with the basic knowledge about branch, departmental, royalty, depreciation, fire insurance and hire purchase system.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to **CO1(K1):** draw the analytical table for the preparation of royalty accounts**CO2(K2):** explain the concepts of depreciation, branch, fire insurance, hire

purchase and royalty accounts

CO3(K3): calculate the interest under hire purchase and installment system

CO4(K4): differentiate debtors system and stock and debtor system of branch accounts

CO5(K5): measure the fire insurance for loss of stock and loss of profit policy

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	2	-	1	1	1	-
CO2(K2)	3	2	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	1	1	1	1	1	1
CO5(K5)	3	1	1	1	1	1	1
Weightage of the course	15	07	04	05	05	05	04
Weighted percentage of Course contribution to POs	**2.39**	**2.34**	**2.37**	**1.55**	**2.37**	**2.31**	**2.2**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Average Due Date- Utility of average due date- Problems.

Unit II:

Bank Reconciliation Statement – Meaning causes of difference between balance as per cash book and pass book – Need of Bank Reconciliation Statement – Preparation of Bank Reconciliation Statement.

Unit III:

Self-balancing Ledger – general ledger- debtors ledger- creditors ledger- Sectional balancing system.

Unit IV:

Depreciation – Meaning – Causes – Straight Line method and Written down value method – Simple problems only

Unit V:

Rectification of Errors- Classification of errors- suspense account- rectifying accounting entries (simple problem only)

Text Books

1. Dr.M.A.Arulanandam&K.S.Raman, Advanced Accountancy, Himalaya Publishing House, Mumbai.

2. P.Jain&K.L.Narang, Advanced Accountancy, Kalyani Publishers, New Delhi.

Reference Books

1. M.C.Shukla and T.S.Grewal, Advanced Accountancy, Sultan Chand &Co, New Delhi.

2. T.S.S. Reddy &A.Murthy, Advanced Accountancy, Margham Publications, Chennai.

3. P.C.Tulsian, Accountancy, Tata McGraw- Hill Company.

II B. COM (IV SEMESTER) – UNDER CBCS
PART III - SKILL BASED II - CORE
ENTREPRENEURSHIP DEVELOPMENT

Objectives:

1. To enable the students to understand the concept of Entrepreneurshipand to learn theprofessional behaviour about Entrepreneurship.
2. To identify significant changes and trends which create new businessopportunities?
3. To analyse the environment for potential business opportunities.
4. To provide conceptual exposure on converting ideas to an entrepreneurialfirms.

Preamble

This course introduces learners to the theory of entrepreneurship and itspractical implementation.

Course Outcomes (CO)

On successful completion of the course, the learners should be able to

CO1(K1): describe the basic concepts of entrepreneurship

CO2(K2): explain the role and importance of women entrepreneur in economic development

CO3(K3): develop personal creativity in preparation of project report

CO4(K4): analyse the key steps in business ideas

CO5(K5): evaluate the functions of financial institutions

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	1	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I: Entrepreneurship

Entrepreneur - Entrepreneurship – Women Entrepreneurship – RuralEntrepreneurship – Factors affecting Entrepreneurial Growth -Entrepreneurial Motivation - Entrepreneurial

Competencies – EntrepreneurialMobility – Challenges to Entrepreneurship- Ethics and Entrepreneurship –Social Responsibility in Entrepreneurship - Entrepreneurial DevelopmentProgrammes.

Unit II: Developing successful Business ideas:

Opportunity Analysis – Ideation Techniques – Ideation Catalysts andInhibitors – Idea to Opportunity Maps – Evaluation of Idea to OpportunityMaps – Business Model – Functions of a Business Model - Business Modelling– Benefits of Business Modelling - Business Models to Business Plans.

Unit III: Start-Up

Small Enterprises: An Introductory Framework – Project Identification andSelection – Project Formulation – Project Appraisal – Legal, Regulatory andStatutory Body – Clearance Approvals and NOC – Compliance – Financing ofEnterprise - Boot Strapping - Ownership Structures.

Unit IV: Support

Institutional Finance to Entrepreneurs – Lease Financing and Hire-Purchase– Institutional Support to Entrepreneurs – Taxation Benefits to Small-ScaleIndustries – Government Policy for Small-Scale Enterprises.

Unit V: Development

Accounting for Enterprises - Break-Even Analysis – Elements of FinancialStatements- Growth Strategies – Intellectual Property – Innovation –Knowledge Management – Leadership and Governance – Sickness andRehabilitation – Application of Electronic Commerce.

Text Books:

1. Khanka. S.S., Entrepreneurial Development, S.Chand & Co. Ltd., New Delhi. 2017
2. Raj Shankar, Essentials of Entrepreneurship, Vijay Nicole Imprints Private Ltd., Chennai. 2013.
3. Gupta. C.B. & Khanka S.S., Entrepreneurship and Small Business Management, Sultan Chand & Sons, 7th Revised Edition- 2017.

PART III – MAJOR CORE -9

CORPORATE ACCOUNTING

Objectives:

1. To familiarize the students with the principles of Joint Stock Company Accounts.
2. To Prepare the Final Accounts according to Companies Act 2013.
3. To know how to value the Goodwill and Shares.
4. To know how to record the transaction in the books of transferee company as per AS 14

Preamble

       This course enables the learners to acquire conceptual knowledge of company accounts and to learn the technique of preparing the financial statement of companies.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): draw the reconstructed balance sheet after Internal Reconstruction

CO2(K2): explain the accounting procedure of issue and redemption of shares and debentures.

CO3(K3): present the final accounts of a joint stock company

CO4(K4): separate profit prior to incorporation and post incorporation

CO5(K5): evaluate the valuation methods of valuation of shares and goodwill

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

UNIT I

Issue of shares:Introduction - Accounting Procedures for issue of equity and preference shares at par, at discount and at premium - Calls in arrears – Calls in advance - forfeiture and reissue. Rights issue, Bonus issue and Buyback of shares (Theory only) Redemption of Redeemable Preference Shares.

UNIT II

Issue of debentures- Accounting procedures for issue of Debentures - Debentures issued as collateral security – Redemption of debentures - Methods – Instalment – Lottery – Sinking fund - Purchase of own debentures - Ex Interest and Cum- interest quotations (Purchase of own debentures as investment –cancellation of own debentures)

UNIT III

Underwriting of shares and debentures – Marked and unmarked applications - Firm underwriting– Profit and Loss prior to Incorporation – Final accounts of joint Stock Company as per schedule III of companies Act 2013 excluding managerial remuneration.

UNIT IV

Valuation of goodwill - methods - Simple profit – Super profit – Capitalization method – Valuation of shares – methods – intrinsic value – Yield value – Fair value – Liquidation – Liquidator final statement of account only.

UNIT V

Amalgamation, Absorption and Reconstruction – alteration of share capital - Internal reconstruction - Amalgamation, Absorption and External Reconstructionof joint stock companies as per Accounting Standard 14

BOOKS FOR STUDY

1. Advanced accountancy – R.L. Gupta and Radhaswamy
2. Advanced accounting – S.P.Jain and K.L.Narang
3. Advanced accountancy – M.A.Arulanandam and K.S.Raman
4. Advanced accountancy – S.N.Maheshwari and S.K. Maheshwari

PART III – MAJOR CORE -10

COST ACCOUNTING

Objectives:

1. To keep the student conversant with the ever

2. Enlarging frontiers of Cost Accounting Knowledge.

Preamble

This course introduces the learners to the costing principles with an emphasis on different procedures for computing material, labour and overhead costs with a view to calculate the total cost of a product.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to **CO1(K1):** outline the basic concepts of cost, costing and cost accounting**CO2(K2):** classify the overheads and its distribution under primary and

secondary Distribution

CO3(K3): employ the basic principles and techniques of inventory control **CO4(K4):** analyze the various methods of calculating remuneration to labours**CO5(K5):** assess the transactions and preparation of accounting entries for

process costing

CO-PO Mapping table (Course Articulation Matrix)

PO C O	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	1	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Cost accounting – Definition – Meaning and Scope – Concept and Classification – Costing an aid to Management – Types and Methods of Cost – Elements of Cost– Preparationof Cost Sheet and Tender

Unit II

Material Control: Levels of material Control – Need for Material Control – Economic Order Quantity – ABC analysis – Perpetual inventory - Stock Levels– Purchase and stores Control: Purchasing of Materials - Procedure and documentation involved in purchasing – Requisition for stores – Stores Control – Methods of valuing material issue.

Unit III

Labour: System of wage payment – Idle time – Control over idle time – Labour turnover. Overhead – classification of overhead – allocation and apportionment of overhead – Primary and secondary distribution of overhead – absorption of overhead – overhead absorption rate – under or over absorption of overhead.

Unit IV

Process costing – Features of process costing – process losses, wastage, scrap, normal process loss – abnormal loss, abnormal gain (Excluding inter process profits and equivalent production)

Unit V

Operating Costing – Transport costing – Contractcosting – Reconciliation of Cost and Financialaccounts

Text books:

1. S.P. Jain and K.L. Narang, "Cost Accounting", Kalyani publications. NewDelhi. Edn. 2011
2. R.S.N. Pillai and V. Bhagavathi, "Cost Accounting", S chand and companyltd., New Delhi.Edn. 2004.
3. T.S. Reddy and Dr. Y. Hariprasadreddy, "Costl Accounting", Margampublications,Chennai – 600 017, 7th Revised Edition 2009.

PART III – MAJOR CORE -11

BUSINESS LAW

Objectives:

1. To highlight the Provisions of Law governing the General Contract and Special Contract.

2. To enable the students to understand the Legal Remedies available in the Law to theBusiness and other People.

Preamble

The course familiarizes the learners with the various types of contracts,FEMA, sale of goods act and carriage of goods.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): describe the procedure for formation of contract **CO2(K2):** explain the remedies for breach and discharge of contract

CO3(K3): utilize the terms and conditions of indemnity, guarantee, bailment,pledge & agency

CO4(K4): examine the features of Foreign Exchange of Management Act 1999

CO5(K4): analyse the provisions of sale and carriage of goods Act

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K4)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I Formation of Contract:

Indian Contract Act - Formation - Nature and Elements of Contract - Classification of Contracts - Contract Vs Agreement

Unit II Offer, Acceptance and Consideration:

Offer - Definition - Forms of Offer - Requirements of a Valid Offer. Acceptance – Meaning - Legal rules as to a Valid Acceptance - Consideration - Definition - Types - Essentials

Unit III Other Elements of Valid Contract:

Capacity of Parties - Definition - Persons Competent to contract - Free consent – Coercion - Undue Influence - Fraud - Misrepresentation – Mistake - Legality of object - Void agreements - Unlawful Agreements

Unit IV Performance of Contract:

Performance of Contracts - Actual Performance - Attempted Performance – Tender - Quasi Contract - Definition and Essentials - Discharge of Contract - Modes of Discharge - Breach of Contract - Remedies available for Breach of Contract

Unit V Sale of Goods Act:

Sale - Contract of Sale - Sale Vs Agreement to Sell - Meaning of Goods - Conditions and Warranty - Caveat Emptor - Exceptions of Caveat Emptor - Buyer and Seller of Goods - Unpaid Seller - Definition - Rights of an Unpaid Seller.

Text Books

1. N.D. Kapoor, Elements of Mercantile Law, Sultan Chand & Sons.
2. S.M.Sundaram, Business Law / Commercial and Industial Law, SreeMeenakshi Publication, Karaikudi.

III B. COM (V SEMESTER) – UNDER CBCS

PART III – MAJOR CORE -12

RESEARCH METHODOLOGY

Objectives

1. To understand the basic concepts of research and its methodologies.

2. To organize and conduct research in a more appropriate manner.

Preamble

   The course aims to inculcate research aptitude among the learners and toenable them to prepare project report.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): describe the methods of collecting data

CO2(K2): explain the significance of Research and Research Methodology

CO3(K3): select Research Problem and Research Design

CO4(K4) : determine the sample size in consonance with the research problemand research design

CO5(K5): conclude the research report with right findings

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	1	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	05	07	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	2.96	2.17	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Introduction to Research – Types of Research – Significance of Research –Research methods vs. Methodology – Research – Research process – Criteria of Good Research

Unit II:

Research Design– Meaning of Research design – need for research design – features of a good design – different research designs.

Unit III:

Design of sample surveys– sample design – sample survey Vs census survey – Types of sampling designs – Non probability sampling – probability sampling – Complex random sampling design.

Unit IV:

Data Collection and preparation– Collection of Primary Data – Methods of Collecting Primary Data - Guidelines for Constructing Questionnaire / Schedule- Difference between Questionnaire and schedule - Collection of secondary data – Data Preparation process.

Unit V:

Interpretation and report writing – Meaning of interpretation – techniques of interpretation – precautions in interpretation – significance of report writing – different steps in writing report – layout of the research report – mechanics of writing a research report – precautions for writing research report.

Text / Reference Books

1. C.R. Kothari, GauRavGarg, "Research Methodology methods and techniques", New International Publishers.
2. P. Ravilochanan, "Research Methodology", Margham Publications.
3. P. Saravanavel, "Research Methodology", Kidap Publications.

III B. COM (V SEMESTER) – UNDER CBCS
PART III – MAJOR ELECTIVE -1 (SELECT ANY ONE) - 1
INCOME TAX LAW & PRACTICE

Objectives:
1. To understand the basic concepts of income tax
2. To enable the students to know the provisions of the income tax law.

Preamble

This course familiarizes the learners with the provisions of income tax Actand to compute the income under the various heads of income.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the provisions relating to Income tax act 1961

CO2(K2): explain the important Definitions u/s 2(7), 2 (9), 2(24), 2(31), 3 of theIncome tax Act

CO3(K3): calculate the Income from salary and House property

CO4(K4): classify the Income under the head Capital gain and other sources ofan assessee

CO5(K5): assess the Income under the head Income from Business or Profession

CO-PO Mapping table (Course Articulation Matrix)

PO⁄CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	-	-	1	1	1	1
CO2(K2)	3	1	1	2	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	1	1	1	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	06	04	07	05	05	05
Weighted percentage of Course contribution to POs	2.39	2.01	2.37	2.17	2.37	2.31	2.75

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Basic concepts – Definition – Previous year – Assessment year – Person – Assessee – Income – Total Income – Casual income – Capital and Revenue – Residential status and incidence of tax incomes exempt under Section – 10

Unit II

Salary – Basis of charge – Different forms of salary – allowances – gratuity – pension – perquisites and their valuation – deduction from salary – computation of taxable salary .

Unit III

House property – basis of charge – determination of GAV and NAV – income from let – out property – deductions – computation of House property income

Unit IV

Profits and gains of business and profession – basis of charge – methods of accounting – deductions – allowable expenses and disallowable expenses – computation of taxable income - Income from Capital Gains – Income from other sources

Unit V

Income of other persons included in assesses total income – Aggregation of income; Set – off or carry forward and set off of losses – Deductions from gross total income – Computation of total income and tax payable; Rebates and relief's – Provisions concerning advance tax and tax deducted at source – Provisions for filing of return of income.

Text Books:

1. Dr.VinodK.Singhania, Taxmen's Direct Taxed Law & Practice, TaxmanPublications, New Delhi.

2. Dr. A. Murthy, Income Tax Law and Practice - Vijay Nichole Publications,Chennai.

3. Dr. T.S. Reddy &Dr.Hariprasad, Income tax law and practice, Margampublications, Chennai.

PART III – MAJOR ELECTIVE -1 (SELECT ANY ONE) - 2

HUMAN RESOURCE MANAGEMENT `

Objectives

1. To study about the importance of human resource.
2. To study the techniques of performance appraisal of employees.
3. To know the methods to redress the grievances of employees.

Preamble

This course is introduced to acquaint learners with the techniques and principles to manage Human resource of an organisation

Course Outcomes (CO)

On successful completion of the course, the learners will be able to **CO1(K1):** outline the role and functions of human resource manager **CO2(K2):** explain the concept of Job analysis, Job design and Job evaluation**CO3(K3):** apply the selection process in recruitment

CO4(K4): analyse the need for transfer of employee
CO5(K5): appraise the performance of employee through different method

PO Mapping table (Course Articulation Matrix)

PO C O	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I Introduction to Human Resource Management

HRM Concept and Functions, Role, Status and competencies of HR Manager - HR Policies - Evolution of HRM - HRM vs HRD - Evolution of HRM – Emerging Challenges of Human Resource Management - Workforce diversity; Empowerment - Human Resource Information System.

Unit II Acquisition of Human Resource

Human Resource Planning- Quantitative and Qualitative Dimensions – job analysis – job description and job specification - Recruitment And Selection – meaning – process of requirement – sources and techniques of Recruitment – Meaning and Process of Selection – Selection Tests And Interviews – placement, induction, socialization and Retention.

Unit III Training and Development

Concept and Importance -Training and development methods –Identifying Training and Development Needs - Designing Training Programmes – Role Specific and Competency Based Training - Evaluating Training Effectiveness - Training Process Outsourcing - Management Development – Career Development.

Unit IV Performance Appraisal

Nature, objectives and importance - Modern Methods and techniques of performance appraisal - potential appraisal and employee counselling – job changes - transfers and promotions -Problems in Performance Appraisal – Essentials of Effective Appraisal System – Job Evaluation – Concepts, Process and Objectives – Advantages and Limitations – Methods.

Unit V Compensation and Maintenance

Compensation - Concept and policies- wage and Salary administration - Methods of wage payments and incentive plans - Fringe benefits – Performance linked compensation - Employee health, welfare and safety social security - Employer-Employee relations- grievance handling and redressal – Grievance handling and redressal.

Text Books:

1. K. Aswathappa : Human Resource Management Text and Cases: Tata McGraw Hill, New Delhi.
2. George W Bohlander and Scott A Snell: Principles of Human resource Management: Cengage Learning, New Delhi.
3. P.G.Aqinas: Human Resource Management Principles and Practice: Vikas Publishing House Pvt. Ltd., New Delhi

III B. COM (V SEMESTER) – UNDER CBCS
PART III – MAJOR ELECTIVE -1 (SELECT ANY ONE) - 3
ELEMENTS OF E-COMMERCE

Objectives:

1. To enable the students to gain basic knowledge of Electronic-Commerce in the area of Business and Financing decisions

Preamble

This course introduces the learners to the mechanism for availing e-services and to apply the same in conducting business.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K2): illustrate the mechanism of e-commerce activities and its applications

CO2(K3): apply the basic web surfing procedure and modern computing infrastructure

CO3(K4): analyze the best online payment gateway options

CO4(K5): use the appropriate markup language for processing, identifying and presenting of information in web pages

CO5(K6): develop the website for their business;

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K2)	2	1	-	2	-	1	1
CO2(K3)	2	1	-	2	1	1	1
CO3(K4)	2	1	-	2	1	1	1
CO4(K5)	3	1	1	2	1	1	1
CO5(K6)	3	1	1	2	1	2	1
Weightage of the course	12	05	02	10	04	06	05
Weighted percentage of Course contribution to POs	1.91	1.67	1.18	3.1	1.9	2.78	2.75

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I: Basics of e-Commerce

Commerce Framework -Traditional vs. Electronic BusinessApplications - The Anatomy of E-Commerce Applications

Unit II: Architectural View

Network Infrastructure for E-CommerceComponents of the I-way-Global Information Distribution Networks – PublicPolicy Issues Shaping the I-way - The Internet as a Network Infrastructure - The Business of the Internet Commercialization

Unit III: Security

Network Security and Firewalls – Client Server NetworkSecurity – Firewalls and Network Security – Data and Message Security –Encrypted Documents and Electronic -Mail.

Unit IV: Application

Electronic Commerce and World-Wide-Web, ConsumerOriented E-Commerce, Electronic Payment Systems, Electronic DataInterchange (EDI), EDI Applications in Business, EDI and E-Commerce – EDIImplementation.

Unit V: Multimedia in e-Commerce

Multimedia and Digital video- key multimediaconcepts, Digital Video and Electronic Commerce- Desktop Video processing –Desktop Video conferencing

Text Books:

1. Kalakota, R and Winston, AB 2002 Frontiers of Electronic Commerce,Addison Westey

2. David Kosiur, 2002 Uunderstanding Electronic Commerce, MicrosoftPress,

3. Saily Chan & John Wiley 2000Electronic Commerce Management, TataMcGraw Hill, New Delhi.

PART III – MAJOR CORE -13
SPECIAL ACCOUNTS

Objective

• To impart knowledge on corporate accounting methods

• To enable the students to understand the procedures of accounting.

• To enable them to develop skills in the preparation of accounting statements and theiranalysis.

• The students will gain the knowledge about Accounting standards and companies'

accounts.

Preamble

This course introduces the learners to the land mark achievements of theaccounting of various business operations.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): record the accounting transaction in respective business

CO2(K2): differentiate the methods of accounting in various business operations

CO3(K3): use the accounting procedure for various business

CO4(K4): analyse the position of different business **CO5(K5):**

evaluate the accounting information

CO-PO Mapping table (Course Articulation Matrix)

PO C O	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	-	-	1	2	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	2	1	2	-	1	1
CO5(K5)	3	2	1	2	1	1	2
Weightage of the course	15	07	04	07	05	05	05
Weighted percentage of Course contribution to Pos	**2.39**	**2.34**	**2.37**	**2.17**	**2.37**	**2.31**	**2.75**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Holding Companies:

Introduction-Advantages-Disadvantages-Wholly –owned Subsidiary Companies-Partly –owned Subsidiary Companies- Preparation of consolidated Balance Sheet - Elimination of Investment in Shares-Minority Interest-Cost of Control-Capital and Revenue Profit-

Revaluation of Assets and Liabilities- Elimination of Common Transactions-Contingency Liabilities- Unrealised Profit-Current Accounts-Bonus Shares-Treatment of Dividend-Debentures of Subsidiary Company-Preference Shares in Subsidiary Company- Share Premium-Preliminary Expenses-Sales of Shares (except intercompany holdings and chain holding).

Unit II

Accounts of Banking Companies

Introduction-Legal provisions-Disposal of Non-Banking Assets-Restrictions on Loans –Restrictions on Commission-Restriction on Payment of Dividend- Management of Minimum Capital-Statutory Reserve-CRR and SLR-Accounts and Audit – Preparation of Profit and Loss Account-Balance Sheet as per the III schedule u/s 29 of the Banking Regulation Act -Money at Call and Short Notice – Advances- Acceptance Endorsements etc., - Bills for Collection-Bills Payable-Bills Purchased and Discounted-Rebate on Bills Discounted-Inter Office Adjustments-Slip System.

Unit III

Accounts of Insurance Companies

Types of Insurance-Annual Accounts-Life Insurance-Consideration for Annuities Granted-Balance Sheet-Determination of Profit-Accounts of General Insurance-Reserve for Unexpired Risk -Preparation of Final Accounts

Unit IV

Double Accounting System

Introduction-Double Entry System and Double Account System-Double Account System-Features of Double Account System-Advantages and Disadvantages-Accounts of Electricity Companies-Depreciation-Contingencies Reserves-Development Reserve-General Reserve-Tariff and Dividend Control Reserve-Remuneration – Reasonable Return-Capital Base-Clear Profit-Disposal of Surplus-Replacement of Assets-Receipts and Expenditure on Capital Accounts – General Balance Sheet – Revenue Account – Net Revenue Account - Accounts of Electricity Companies and Railways - Replacement and Renewals.

Unit V

Accounting Standards

Accounting Standards – Indian and International Accounting Standards – Indian Accounting Standards 1,3,6,10,14,21 and 29 - Application – Scope – Formulation – Advantages –

Disadvantages – Challenges - Inflation Accounting Simple Problems only.

Text Book:

1. Reddy, T.S. and Murthy, A. 2015. Corporate Accounting, Revised Edn.Margham Publications, Chennai.

2. Pillai.R.S.N, Bagavathi and Uma.S, Fundamentals of AdvancedAccounting, Third Revised Edition 2014,S.Chand & Company PrivateLimited, New Delhi.

III B. COM (VI SEMESTER) – UNDER CBCSPART III – MAJOR

CORE -14 MANAGEMENT ACCOUNTING

Objective:

- To enable the students to know the importance of management accounting and its concepts.

Preamble

This course enables the learners to take important business decisions byapplying various tools and techniques of Management Accounting.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): describe the concepts, tools and techniques of management accounting

CO2(K2): interpret the position of business through financial statement analysis

CO3(K3): compute the results of profitability, liquidity, solvency and efficiencylevels in the business

CO4(K4): examine the uses of fund flow and cash flow statements

CO5(K5): evaluate CVP analysis through marginal costing technique

CO-PO Mapping table (Course Articulation Matrix)

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	-	2	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	1	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	03	07	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	1.78	2.17	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I

Management accounting – Definition – Objectives – Nature – Scope – Merits and limitations – Differences between management accounting and financial accounting – Financial statement analysis – Comparative statement – Common size statement – Trend percentage – Ratio analysis – Meaning – Classification – Liquidity, solvency, turnover and profitability ratios.

Unit II

Fund flow statement – Meaning – Preparation – Schedule of changes in working capital – Funds from operation – Sources and applications – Cash flow statement – Meaning – Difference between fund flow statement and cash flow statement – Preparation of cash flow statement as per AS3.

Unit III

Budget and Budgetary control – Meaning – importance and its Advantages – Preparation of purchase,production, production cost, sales, overhead cost, cash and flexible budgets.

Unit IV

Standard costing – Meaning, Advantages and its Limitations - Variance analysis – Significance - Computation of variances (Material and Labour variance only) - Marginal costing – CVP analysis – Break even analysis – BEP – Managerial applications – Margin of safety – Profit planning.

Unit V

Capital Budgeting – Meaning – Importance – Appraisal methods – Payback period — Accounting rate of return - Discounted cash flow – Net present value – Profitability index – Internal rate of return.

Text Books

1. Management accounting by S.N.Maheswari – Sultan Chand & sons publications, New Delhi

2. Management accounting by Sharma and Guptha, Kalyani Publishers, Chennai.

3. Management accounting by R.Ramachandran and R.Srinivasan – Sriram publication, Trichy.

PART III – MAJOR CORE -15

INDUSTRIAL LAW

Objectives

1. To acquaint knowledge on industrial relations framework in our country

2. To study various rights and benefits available to the workmen under the legislations.

Preamble

This course introduces the learners to banking practices with an emphasison various functions performed and technologies used in banks.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): identify different types of customers operate account in banks **CO2(K2):** explain the contribution of banking services in economic development**CO3(K3):** build an idea of modes of creating charges on various securities **CO4(K4):** analyze practical implications of negotiable instrument and banking

technology

CO5(K5): appraise credit control measures of RBI

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	1
CO2(K2)	3	1	1	1	-	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	2	1	1
Weightage of the course	15	07	04	07	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	2.2

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I :

The Factories Act, 1948- definitions - approval, licensing and registration of factories - duties of occupier - inspecting staff - certifying surgeons - provisions for health –safety – welfare

- working hours and holidays- employment of young persons and women – annual leave with wages- penalties and procedure.

Unit II :

Workmen's compensation Act 1923- Scope and coverage - definitions – rules - personal injury by accident - occupational diseases arising out of and in the course of employment - theory of national extension - amount of compensation- distribution of the compensation- notice and claim.

Unit III:

Industrial Disputes Act 1947- object - definitions- conciliation - machinery- adjudication machinery- powers and duties of authorities - procedures - voluntary reference to arbitration – award - strike – and lock outs – lay off – retrenchment – transfer and closing down of their undertaking – penalties.

Unit IV:

The Trade Unions Act, 1926– Consumer Act 1986

Unit V:

The Employees' State Insurance Act 1948– The payment of Gratuity Act 1972.

Text Books

1. N.D. Kapoor, Elements of Mercantile Law, Sultan Chand & Sons.

2. S.M.Sundaram , Business Law / Commercial and Industial Law, SreeMeenakshi Publication, Karaikudi.

III B. COM (VI SEMESTER) – UNDER CBCS
PART III – MAJOR CORE -16
AUDITING AND CORPORATE GOVERNANCE

Objective:

- To provide knowledge of auditing principles, procedures and techniques in accordance with current legal requirements and professional standards and to give an overview of the principles of Corporate Governance and Corporate Social Responsibility

Preamble

This course introduces the learners to the fundamental concept of auditing, principles, Tools, Techniques, legal compliance of company auditor and Author's Report.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the meaning, objective, features of Auditing and Audit Assurance and Standards

CO2(K2): explain the different types of audit

CO3(K3): employ the different tools of Auditing

CO4(K4): analyze the internal control, Vouching and Audit Risk

CO5(K5): classify the different types of auditor's Report

PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	1	1	1	1	1	1
CO3(K3)	3	1	1	2	1	1	1
CO4(K4)	3	2	1	2	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	07	04	08	05	05	04
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.48	2.37	2.31	2.2

Unit 1: Introduction

Auditing: Introduction, Meaning, Objectives, Basic Principles and Techniques; Classification of Audit, Audit Planning, Internal Control – Internal Check and Internal Audit; Audit Procedure – Vouching and verification of Assets & Liabilities.

Unit 2: Audit of Companies

Audit of Limited Companies: Company Auditor- Qualifications and disqualifications, Appointment, Rotation, Removal, Remuneration, Rights and Duties Auditor's Report- Contents and Types. Liabilities of Statutory Auditors under the Companies Act 2013

Unit 3: Special Areas of Audit

Special Areas of Audit: Special features of Cost audit, Tax audit, and Management audit; Recent Trends in Auditing: Basic considerations of audit in EDP Environment; Auditing Standards; Relevant Case Studies/Problems;

Unit 4: Corporate Governance

Conceptual framework of Corporate Governance: Theories & Models, Broad Committees; Corporate Governance Reforms. Major Corporate Scandals in India and Abroad: Common Governance Problems Noticed in various Corporate Failures. Codes & Standards on Corporate Governance

Unit 5: Corporate Social Responsibility (CSR):

Concept of CSR, Corporate Philanthropy, Strategic Planning and Corporate Social Responsibility; Relationship of CSR with Corporate Sustainability; CSR and Business Ethics, CSR and Corporate Governance; CSR provisions under the Companies Act 2013; CSR Committee; CSR Models, Codes, and Standards on CSR

Text Books:

1. Ravinder Kumar and Virender Sharma, Auditing Principles and Practice, PHI Learning

2. ArunaJha, Auditing.Taxmann Publication.

3. A. K. Singh, and Gupta Lovleen. Auditing Theory and Practice.Galgotia Publishing Company.

4. Anil Kumar, Corporate Governance: Theory and Practice, Indian Book House, New Delhi.

BUSINESS TAXATION

Preamble

      This course familiarizes the learners with the provisions of income tax Actand to compute the income under the various heads of income.

Course Outcomes (CO)

    On successful completion of the course, the learners will be able to

CO1(K1): outline the provisions relating to Income tax act 1961

CO2(K2): explain the important Definitions u/s 2(7), 2 (9), 2(24), 2(31), 3 of theIncome tax Act

CO3(K3): calculate the Income from salary and House property

CO4(K4): classify the Income under the head Capital gain and other sources ofan assessee

CO5(K5): assess the Income under the head Income from Business or Profession

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	-	-	1	1	1	1
CO2(K2)	3	1	1	2	1	1	1
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	1	1	1	1	1	1
CO5(K5)	3	2	1	2	1	1	1
Weightage of the course	15	06	04	07	05	05	05
Weighted percentage of Course contribution to POs	**2.39**	**2.01**	**2.37**	**2.17**	**2.37**	**2.31**	**2.75**

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Indirect taxes – Meaning and Nature - Special features of Indirect Taxes- Contribution to government revenues - Taxation under the Constitution - Advantages and Disadvantages of Indirect Taxes.

Unit II Good and Service Tax Introduction

Meaning - Need for GST - Advantages of GST - Structure of GST in India – Dual concepts - SGST-CGST-IGST-UTGST Types of Rates under GST – Taxes subsumed under State Goods and Services Tax Act 2017- Taxes subsumed under Central Goods and Services Tax Act2017. Meaning of important terms: Goods, services, supplier, business,manufacture, casual taxable person, aggregate turnover, input tax and outputtax.

Unit III Levy and Collection

Levy and Collection under SGST/CGST Acts - Concept of supply – Compositeand Mixed supplies - Composition Levy - Time of supply of goods and services -Value of Taxable supply - Input Tax credit - Eligibility and conditions for takinginput credit- Reverse charge under the GST- Registration procedure underGST- Concept of e-way Bill - Filing of Returns.

Unit IV Integrated GST

Levy and Collection under The Integrated Goods and Services Tax Act 2017-Meaning of important terms: Integrated tax, intermediary, location of therecipient and supplier of services, output tax. Levy and Collection of Tax-Determination of nature of Supply- Inter-State supply and Intra-State supply-Place of Supply of Goods or Services - zero-rated supply.

Unit V Customs Laws in India

Introduction to Customs Laws in India – The Customs Act 1962 - The CustomsTariff Act 1975- Levy and Exemption from Custom duty - Taxable event -Charge of Custom duty- Exemptions from duty – Customs procedures forinport and export - Meaning of Classification of goods - Methods of valuation ofimported goods - Abatement of duty in damaged or deteriorated goods -Remission on duty on lost, destroyed or abandoned goods - Customs duty drawback.

Books for Reference:

1. Indirect Taxes- V.S.Datey. TaxmannPublication(p) Ltd.New Delhi
2. Indirect Taxes:GST and Customs Laws - R.Parameswaran andP.Viswanathan -Kavin Publications-Coimbatore
3. Glimpse of Goods and service tax -SathpalPuliana
4. Handbook of GST -Law and practice-Gaurav Gupta
5. GST Law and Practice-SS Gupta
6. Indirect Taxation - V.Balachandran. Sultan Chand & Co. New Delhi

PART III – MAJOR ELECTIVE – II (SELECT ANY ONE) -2

RETAIL MANAGEMENT

Objectives

1. To explore the functionalities in the retail management

2. To understand the retail management concepts

Preamble

This course introduces the learners to the basic concepts of retailmarketing and the opportunities and challenges in retail business.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to **CO1(K1):** describe the basic concepts of retailer, retailing and E-retailing**CO2(K2):** specify 6 P's in retail marketing mix

CO3(K3): determine the location to improve the sales volume of the retailbusiness

CO4(K4): compare the effects of different pricing, promotional methods used inretail business

CO5 (K4): analyse the factors affecting retail consumer buying decisions

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	1	1	1	1	-
CO2(K2)	3	1	1	1	1	1	-
CO3(K3)	3	1	1	1	1	1	1
CO4(K4)	3	2	1	1	1	1	1
CO5(K4)	3	2	1	2	1	1	1
Weightage of the course	15	07	05	06	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	2.96	1.86	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

Introduction to retailing- nature and importance of retailing - contemporary retailing in India and marketing challenges facing retailers - Strategic planning in retailing - owning or managing business - retailing life cycle

Unit II:

Types of retailing institutions- retailing institutions by ownership - retailing institutions by store based and non-store based - vertical marketing system - traditional retailing.

Unit III:

Strategic planning in retailing- understanding retailing environment - identifying and understanding customers, information gathering.

Unit IV:

Location and organizational decisions- Trading area analysis site selection - organizational pattern in retailing - operational management - financial decisions - use of technology

Unit V:

Merchandise Management- Buying and handling - product assortment decision - Inventory Management - Merchandise pricing - Merchandise Labelling and packing - Role of atmosphere - retail promotion mix strategy - retail store sales promotion schemes.

Text / Reference Books

1. Dr.Harjit Singh "Retail Management", Sultan Chand Publications.
2. Chetan Bajaj "Retail Management", Oxford University Press.
3. Gibson G. Vedamani, Retail Management: Functional Principles & Practices, Jaico Books.
4. SwapnaPradhan, Retailing Management, Tata McGraw-Hill Publishing Company Limited, New Delhi.
5. Michael Levy and Barton A Weot, Retail Management, McGraw-Hill Irwin.
6. Cox, Roger and Paul Brittain, Retail Management, Prentice Hall, Harlow.
7. Michael Levy, Barton A Weitz, Ajay Pandit, Retailing Management, McGraw-Hill Company.
8. Berman Barry, Evans Joel R., Retail Management: A Strategic Approach, Pentice Hall of India.

III B. COM (VI SEMESTER) – UNDER CBCS
PART III – MAJOR ELECTIVE – II (SELECT ANY ONE) -3
HUMAN VALUES &BUSINESS ETHICS

Objectives

1. To understand values in business

2. To inculcate the ethical practices in business among the students

Preamble

      This course familiarizes the learners with the concepts of businessenvironment and its components.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the concepts of business environment and impact of environment on business

CO2(K2): explain the global environment affect the Indian business

CO3(K3): apply the Corporate Social Responsibility and Ethical concepts in Business

CO4(K4): analyze the New Industrial Policy 1991 and privatization

CO5(K5): examine the political and legal environment affecting the business

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	3	1	-	1	1	1	-
CO2(K2)	3	2	1	1	1	1	-
CO3(K3)	3	2	1	1	1	1	1
CO4(K4)	3	1	1	2	1	1	1
CO5(K5)	3	1	1	2	1	1	1
Weightage of the course	15	07	04	07	05	05	03
Weighted percentage of Course contribution to POs	2.39	2.34	2.37	2.17	2.37	2.31	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Unit I:

      Introduction to Values - Values in the society, politics, inter-personal relations, economics and business- Morals - Value and Vision statements in organizations - Focusing on Innovation, Reliability, Customer satisfaction, Quality assurance, Profitability, Utility, Productivity etc. and the continuous improvement in their standards.

Unit II:

Ethics as the art of choosing between right and wrong– Interpreting the consequences and choosing the right- Ideas of freedom of choice, equality, justice, fairness in dealing with customers, society, environment - Application of Values and ethics in business - Examples from Business

Unit III:

Government interactions:Use and Misuse of government incentives, subsidies and licenses - Tax evasions. Ethics in Human Resources employment in Business: in hiring, compensating, work assignments - discrimination; Marketing: ethics in Pricing policies and strategies, misleading advertisements; Policies relating to exchange and return of goods sold.

Unit IV:

Ethics in Production: Poor quality, risky products, defective/untested products, unauthorized copies/imitations, Quality Policy: Zero defect and quality of ingredients, components, ISI, AG Marks, Hall Mark, Patents, Copy rights, post-sales services.

Unit V:

Legal and self imposed norms- for doing good business and earning goodwill - Handling customer complaints, Problems- examples from consumer goods and services oriented industries (Tourism, Travel, Telephones, Edible goods, Health etc.)

Text and Reference books

1. Colin M. Fisher and Alan Lovell, Business Ethics and Values, F.T. Prentice Hall, 2006.
2. G.P. Martin, Glenn Martin, Human Values and Ethics in the Work place, 2010.

CBCSPART III - MAJOR

PROJECT

Objectives

1. To impart knowledge and develop understanding of research methodology and its applications
2. To study the methods of data collection and its interpretation to develop analytical skillsin generalization of things and concepts

Preamble

The course aims to inculcate practical experience among the learners andto enable them to conduct research.

Course Outcomes (CO)

On successful completion of the course, the learners will be able to

CO1(K1): outline the project and the methods of collecting data.

CO2(K2): defend the significance of project.

CO3(K3): select current scenario for research.

CO4(K4): classify the sample size and research design.

CO5(K5): justify the project with its findings and suggestions.

CO-PO Mapping table (Course Articulation Matrix)

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1(K1)	2	1	2	2	-	1	1
CO2(K2)	2	1	2	2	2	-	-
CO3(K3)	3	1	2	2	1	1	-
CO4(K4)	3	2	2	2	2	1	1
CO5(K5)	3	2	2	2	1	1	1
Weightage of the course	15	07	10	10	06	04	03
Weighted percentage of Course contribution to POs	2.39	2.34	5.92	3.1	2.84	1.85	1.65

Based on the level of contribution ('3'-High, '2'-Medium, '1'-Low '-' No Correlation)

Guidelines for group project

1. The topic should be subject related.

2. Each group should consists of a maximum number of 5 students

3. The project report should have minimum 50 pages.

4. Each group must have a guide/ project supervisor.

5. The project should necessarily contain title, statement of the problem, brief and representative review of literature, and objectives of the study, research methodology (sampling, collection of data and tools of analysis), scope / rationale / limitations of proposed study, contents (chapters) and bibliography.

6. The project report must have the following- Cover page, declaration by the guide and candidate, preface and acknowledgement, table of contents, main body (chapters), research instruments (questionnaire), appendix and annexure (if needed) , bibliography.

7. Evaluation will be based on the project report, presentation and viva voce.

Don Bosco College of Arts and Science, Keela Eral

VISION AND MISSION

Vision:

Don Bosco College of Arts and Science, inspired by divine and human values, envisages enlightenment and empowerment of the youth towards personal and social transformation.

Mission:

1.	To make higher education qualitative, inclusive, cost effective and accessible to the rural masses.

2.	To exercise a preferential option in favor of the rural youth especially the First Generation Learners and socially and economically weaker sections of the society.

3.	To facilitate the actualization of individual potential, integrating knowledge, skills, values and behaviour and prepare the students to face the global opportunities and challenges of a meaningful life and career.

4.	To constantly pursue higher standards of excellence, integrity and credibility in all endeavors and transform the students, in collaboration with all the stakeholders of higher education, to be agents of social transformation.

DEPARTMENT OF MATHEMATICS

VISION AND MISSION

1.   Vission of the Department : To centre stage Mathematical Knowledge in the curriculam, instill analytical and logical thinking among students and promote Mathematical thought as an important area of human thought.

2.   Mission of the Department : To provide every student of our department, the required Mathematical Knowledge for their professional carrer and further study.

<u>PREAMBLE</u>

The LOCF (Learningoutcomes based curriculum framework) committee constituted University Grants Commission (UGC) is pleased to submit the report concerning the syllabi of B.Sc with Mathematics as a subject.The committee discussed the framework of syllabi in its meetings and suggests the implementation these syllabi in the Colleges based on following facts.

1. The learning outcomes of each paper are designed so that these may help learners understand the main objectives of studying the course

2. This will enable learners to select elective papers depending on the individual inclinations and contemporary requirements

3. The objectives of the LOCF are to mentally prepare the students to learn mathematics leading graduate degree with mathematics as a subject.

4. These syllabi in mathematics under CBCS are recommended keeping in view of the wide applications of mathematics in science,engineering,social science, business anda host of other areas.

5. The study of the syllabi will enable the students to equip with the state of the art of the subject and will empower them to get jobs in technological and engineering fields as well as business, education and healthcare sectors.

6. The LOCF committee in Mathematics had prepared this draft paying suitable attention objectives and learning outcomes of the papers.These syllabi may be implemented with minimum modifications with appropriate justificationskeeping in view regional,national and international contents and needs.

7. The outcomes of each paper may be modified as per the local requirements.

8. The text books mentioned in references are denotative/demonstrative.The divisions of each paper in units are specified to the context mentioned in course.These units will help the learners to complete the study of concerned paper in certain periods and prepare them for examination.

9. The mathematics is a vast subject with immense diversity. Hence it is difficult for every student to learn each branch of mathematics, even though each paper has its unique importance. Under these circumstances,LOCF in Mathematics suggests a number of elective papers also with compulsory papers.A student can select elective papers as per his needs and interests.

10. The committee expects that the papers may be taught using various Computer Algebraic systems (CAS) softwares such as Mathematica,MATLAB,Maxima and R to strengthen the conceptual understanding and to wide up the horizon of student's self experience.

11. The committee of the LOCF in Mathematics expects that the concern colleges will encourage their faculty members to include necessary topics in addition to courses suggested by LOCF committee .It is hoped that the needs of all around development in the careers of learners will be fulfilled by the recommendations of LOCF in mathematics.

4. PROGRAMME STRUCTURE

B.Sc. Mathematics
(ChoiceBased Credit System)

	Part	Sub. No.	Subject Status	SubjectTitle	Hrs/ Week	Credits	Marks				
							Maximum			Passing Minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
I	I	1	Language	Tamil/OtherLanguages	6	4	25	75	100	30	40
	II	2	Language	CommunicativeEnglish-I	6	4	25	75	100	30	40
	III	3	Core-IPaper-I	Calculus and ClassicalAlgebra	6	4	25	75	100	30	40
		4	Addonmajor(Mandatory) Paper-II	ProfessionalEnglishforPhysicalSciences–I	4	4	25	75	100	30	40
		5	Allied-I(ForMaths students)	Statistics-I OR Physicswith Practical /Chemistry withPractical/ ComputerScience**	6	3	25	75	100	30	40
					6	5	25	75	100	30	40
			Allied-I (ForScience students)	AlgebraandDifferentialEquations	6	4	25	75	100	30	40
	IV	6	Common	EnvironmentalStudies	2	2	25	75	100	30	40
			Total		**30**	**21/23**					
II	I	7	Language	Tamil/OtherLanguages	6	4	25	75	100	30	40
	II	8	Language	Communicative English-II	6	4	25	75	100	30	40
	III	9	Core-IIPaper-III	Differential Equationsand Analytical GeometryofThree Dimensions	6	4	25	75	100	30	40
		10	Addon major(Mandatory)Paper-IV	ProfessionalEnglishforPhysicalsciences-II	4	4	25	75	100	30	40
		11	Allied-II(ForMathsStudents)	Statistics-II OR Physics with Practical /Chemistry with Practical /ComputerScience**	6	3	25	75	100	30	40
					6	5	25	75	100	30	40
			Allied–II(For ScienceStudents)	Vector Calculus &FourierSeries	6	4	25	75	100	30	40
	IV	12	Common	Valuebasededucation	2	2	25	75	1 0	30	40
			Total		**30**	**21/23**					

** The Allied Computer Science shall be taken by the Department of Mathematics   0

Sem	Part	Sub. No.	Subject Status	Subject Title	Hrs/week	credits	Maximum Int.	Maximum Ext.	Maximum Tot.	Passing minimum Ext.	Passing minimum Tot.
III	I	13	Language	Tamil/Other Languages	6	4	25	75	100	30	40
	II	14	Language	English	6	4	25	75	100	30	40
	III	15	CoreIII Paper-V	SequencesandSeries	6	4	25	75	100	30	40
		16	Allied-II	Statistics-I OR Physics with Practical / Chemistrywith Practical / Computer Science	6	3	25	75	100	30	40
					6	5	25	75	100	30	40
		17	Skill Based Core	Vector Calculus	4	4	25	75	100	30	40
	IV	18	Non-Major Elective	Anyoneofthefollowing Mathematics forCompetitiveExaminations-I Fundamentals of Statistics-I	2	2	25	75	100	30	40
		19	Common	Yoga*	2	2	25	75	100	30	40
			Total		**30**	**25/27**					
IV	I	20	Language	Tamil/Other Languages	6	4	25		100	30	40
	II	21	Language	English	6	4	25		100	30	40
	III	22	Core-IV Paper-VI	Abstract Algebra	6	4	25		100	30	40
		23	Allied-II	Statistics-II OR Physics with Practical / Chemistry with Practical/ Computer Science	6	3	25		100	30	40
					6	5	25		100	30	40
		24	Skill Based Core	Trigonometry, Laplace Transforms and Fourier Series	4	4	25		100	30	40
	IV	25	Non-Major Elective	Anyone of the Following: Mathematics for Competitive Examinations-II Fundamentals of Statistics-II	2	2	25		100	30	40
		26	Common	Computers for Digital Era*	2	2	25		100	30	40
	V		Extension activities	NCC/NSS/YRC/YWF/PE	-	1	-		-	-	-
			Total		**3**	**26**					

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V	III	27	Core-V Paper-VII	LinearAlgebra	5	4	25	100	30	40
		28	Core-VI	RealAnalysis	5	4	25	100	30	40

			Paper-VIII								
		29	Core-VII Paper-IX	Statics	5	4	25	75	100	30	40
		30	Core-VIII Paper-X	Integral Transforms and Z Transforms	5	4	25	75	100	30	40
		31	Major Elective-I Paper-XI	Anyone of the Following: Programming in C Discrete Mathematics Combinatorial Mathematics	4	4	25	75	100	30	40
		32	Major Elective –II Paper-XII	Anyone of the Following: Operations Research-I Stochastic Process Math Typing using LaTeX	4	4	25	75	100	30	40
	IV	33	Skill Based Common	Personality Development	2	2	25	75	100	30	40
			Total		**30**	**26**					
VI	III	34	Core-IX Paper-XIII	ComplexAnalysis	5	4	25	75	100	30	40
		35	Core-X Paper-XIV	GraphTheory	5	4	25	75	100	30	40
		36	Core-XI Paper-XV	NumberTheory	4	4	25	75	100	30	40
		37	Core-XII Paper-XVI	Dynamics	4	4	25	75	100	30	40
		38	Core-XIII Paper-XVII	NumericalMethods	4	4	25	75	100	30	40
		39	Major Elective-III Paper-XVIII	Any one of the following Astronomy Fuzzy Mathematics Mathematical Modeling	4	4	25	75	100	30	40
		40	Major Elective-IV Paper-XIX	Any one of the following Operations Research-II Coding Theory Programming in C++	4	4	25	75	100	30	40
			Total		**30**	**28**					

5.EVALUATION SCHEME (INTERNAL,EXTERNAL,PASSING MINIMUM)

Evaluation Scheme

Internal Marks	25 Marks
External Marks	75 Marks
Maximum Marks	100 Marks
Passing Minimum	40 Marks

6. MODEL QUESTION PAPER

MODEL QUESTION PAPER- CBCS-PATTERN (UG MATHEMATICS)

MAXIMUM MARKS: 75   TIME: 3 HOURS

Part –A (10×1 = 10 Marks)

Answer all the questions, Choose the correct answer

Question No. 1,2	Unit –I	Question No. 7,8	Unit –IV
Question No. 3,4	Unit -II	Question No. 9,10	Unit –V
Question No. 5,6	Unit –III		

Part –B(5×5 = 25 Marks)

Answer all the questions, Choosing either (a) or (b).

Question No. 11(a) or11 (b)	Unit –I	Question No. 14(a) or14 (b)	Unit –IV
Question No. 12(a) or12 (b)	Unit -II	Question No. 15(a) or15 (b)	Unit –V
Question No. 13(a) or13 (b)	Unit –III		

Part –A (8×5 = 40 Marks)

Answer all the questions, Choosing either (a) or (b).

Question No. 16(a) or16 (b)	Unit –I	Question No. 19(a) or19 (b)	Unit –IV
Question No. 17(a) or17 (b)	Unit –II	Question No. 20(a) or20 (b)	Unit –V
Question No. 18(a) or18 (b)	Unit –III		

MODEL QUESTION PAPER
CALCULUS AND CLASSICAL ALGEBRA

Time: Three hours   **Maximum: 75 marks.**

Part-A (10× 1 = 10 marks)
Answer All questions

Sl.No	Choose the correct Answer.	Course outcome	Knowledge Level
1.	The curvature of the curve ax+by+c=0 is……….. a) b b) a c) 0 d) none of the above	CO 1	K1, K5
2.	The radius of the curvature of $y = e^x$ at (0,1) is………… a)1 b) 2 c) $2\sqrt{2}$ d) none of the above	CO 1	K1, K5
3.	The value of $\int_1^b \int_1^a \frac{axay}{xy} =$ …………….. a)$log\left(\frac{a}{b}\right)$ b)log (ab) c) logalogb d) none of the above	CO 2	K2, K3
4.	The Jacobian of $u = x + y$ and $v = x - y$ is……………. a) 2 b) 1 c)-2 d)none of the above	CO 2	K2, K3
5.	$\int_0^1 x^2(1 - x)dx = \cdots$ … … … … … … … … … … … a)2 b)$\frac{1}{12}$ c) $\frac{1}{3}$ d)none of the above	CO 3	K2, K4
6.	$\int_0^\pi \int_0^{\pi/2} \int_0^1 r^2 sin\theta \ dr \ d\theta d\varphi =$ ………… a) $\frac{\pi}{2}$ b)$\frac{\pi}{3}$ c)$\frac{\pi}{4}$ d) none of the above.	CO 3	K4
7.	The least degree of the equation with rational coefficients one of whose roots $\sqrt{2} +\sqrt{3}$ is……. a) 3 b)2 c) 4 d) none of the above	CO 4	K4, K5
8.	If α, β, γ are the roots of $x^3 + px^2 + qx + r = 0$ then $\sum\frac{1}{\alpha}$ a) $\frac{-q}{r}$ b)$\frac{q}{r}$ c)$\frac{p}{r}$ d) none of the above	CO 4	K6
9.	The roots of the equation $x^n + 1=0$ (n is even) are a) All imaginary b) (n-1) imaginary c)(n-2) imaginary d) none of the above	CO 5	K3
10	One of the roots` of the equation $2x^3 + 3x^2 - 3x - 2 = 0$ is -2, the other roots are…….. a)-2,-1 b)$\frac{-1}{2}$, 1 c) $\frac{-1}{2}$, -1 d) none of the above	CO 5	K6

PART B – (5× 5 = 25 marks)

Sl.No	Answer ALL questions,choosing either (a) or (b)	Course outcome	Knowledge Level
11.	a) Find the p-r equation (pedal equation) of the curve $r^2 = a^2 Sin2\theta$	CO 1	K1
	Or		
	b) Find the co-ordinates of the center of curvature of the curve $x^3 + y^3 = 3axy$ at $(\frac{a}{2}, \frac{a}{2})$.	CO 1	K1
12.	a) Find the area of the region common to y^2 =4ax and $x^2 = 4ay$.	CO 2	K2, K3
	Or		
	b) If $u = 2xy, u = x^2 - y^2, x = rcos\theta, y = r \ sin\theta$, evaluate $\frac{\partial(uv)}{\partial(r,\theta)}$ without actual substitution.	CO 2	K2, K3
13.	a) Prove that $]\frac{n+1}{2} = \frac{(2n)! \ \sqrt{\pi}}{4^n \ n!}$ Where n=0,1,2… **Or**	CO 3	K5

	b) Prove that $\int^{\pi/4} Sin^p\,\theta\,Cos^q\,\theta\,d\theta = \frac{1}{2}\beta\left(\frac{p+1}{2},\frac{q+1}{2}\right)0$	CO 3	K5
14.	a) Show that the sum of the 6th powers of the roots of $x^7 - x^4 + 1 = 0$ is 3	CO 4	K2, K4
	Or		
	b) If α,β,γ are the roots of the equation $x^3 + ax^2 + bx + c = 0$, form the equation whose roots are $\alpha\beta,\alpha\gamma$ and $\beta\gamma$	CO 4	K2, K5
15.	a) Transform the equation $x^4 - 4x^3 - 18x^2 - 3x + 2 = 0$ into an equation with the third term absent.	CO 5	K6
	Or	CO 5	
	b) Remove the fractional coefficient from the equation $x^3 + \frac{1}{4}x^2 - \frac{1}{16}x + \frac{1}{72} = 0$		K6

PART C – (5× 8 = 40marks)

Sl.No	Answer ALL questions,choosing either (a) or (b)	Course outcome	Knowledge Level
16.	a) Find the coordinates of the center of curvature of $y = xlogx$ at the point where $\frac{dy}{dx} = 0$.	CO 1	K1, K6
	Or	CO 1	
	b) Find the evolute of the asteroid $x^{2/3} + y^{2/3} = a^{2/3}$		K1, K6
17.	a) By changing the order of integration, evaluate the integral$\int_0^1\int_y^{2-y} xy\,dxdy$	CO 2	K2, K4
	Or		
	b) By changing into polar coordinates, show that $\int_0^\infty\int_0^\infty e^{-(x^2+y^2)}dxdy = \frac{\pi}{4}$. Hence evaluate $\int_0^\infty e^{-t^2}\,dt$.	CO 2	K2, K4
18.	a) Evaluate $\int_0^1 x^m(1 - x^n)^p\,dx$ in terms of gamma functions and hence find $\int_0^1 \frac{dx}{\sqrt{1-x^n}}$ Or	CO 3	K3, K5
	b) Using gamma functions evaluate $xy(1 - x - y)^{1/2}\,dxdy$ over the area enclosed by the lines $x = 0, y = 0$ and $x + y = 1$ in the positive quadrant.	CO 3	K3, K5
19.	a) Solve $6x^3 - 11x^2 + 6x - 1 = 0$ where roots arein harmonic progression	CO 4	K3
	Or		
	b) If $a + b + c + d = 0$, show that $\frac{a^5+b^5+c^5+d^5}{5} = \frac{a^2+b^2+c^2+d^2}{2}\cdot\frac{a^3+b^3+c^3+d^3}{3}$	CO 4	K3
20.	a) Show that the equation $x^4 - 3x^3 - 4x^2 - 2x + 1 = 0$ can be transformed into a reciprocal equation by diminishing the roots by unity. Hencesolve the given equation.	CO 5	K1
	Or		
	b) Solve the equation $6x^6 - 35x^5 + 56x^4 - 56x^2 + 35x - 6 = 0$.	CO 5	K1

➤ K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

7.PROGRAMME OUTCOMES FOR B.Sc MATHEMATICS

PROGRAMME OUTCOMES

1. Bachelor's degree in mathematics is the culmination of in-depth knowledge of algebra, calculus,geometry,differential equations and several other branches of mathematics.This also leads to study of related areas like computer science and statistics.Thus,this programme helps the learners in building a social foundation for higher studies in mathematics.

2. The skills and knowledge gained has intrinsic beauty, which leads to proficiency in analytical reasoning.This can be utilized in modelling and solving real life problems

3. Students undergoing this programme learn to logically questions assertions, to recognise patterns and to distinguish between essential and irrelevant aspects of problems. They also share ideas and insights while seeking and benefitting from knowledge and insight of others. This helps them to learn behave responsibly in a rapidly changing independent society

4. Students completing this programme will be able to present mathematics clearly and precisely, make vague ideas precise by formulating them in the language of mathematics, describe mathematical ideas from multiple perspectives and explain fundamental concepts of mathematics to non-mathematicians.

5. Completion of this programme will also enable the learners to join teaching profession in primary and secondary schools.

6. This programme will also help students to enhance their employability for government jobs, jobs in banking, insurance and investment sectors, data analyst jobs and jobs in various other public and private enterprises.

8. PROGRAMSPECIFIC OUTCOMES

PROGRAM SPECIFIC OUTCOMES
After the completion of B.Sc. program in mathematics, the students are able to have

PSO 1: A Solid Foundation in Knowledge: B.Sc. degree is the culmination of depth knowledge of my core branches of mathematics such as Calculus, Classical Algebra, Analytical Geometry, Differential Equations, Sequence and Series, Abstract Algebra, Real and Complex Analysis, Number Theory, Mechanics, Operation Research, Statistics, Graph Theory, Discrete Mathematics, Trigonometry, Transforms and their application and C++/Python. Thus, this programme helps students in creating a solid foundationfor further higher studies and research in mathematics

PSO 2: A Competency in Skills: The skills and knowledge gained have intrinsic logic which leads to proficiency in analytical reasoning critical understanding, analysis and synthetic in order to solve theoretical and practical problems. This can orient students towards applications of mathematics in other disciplines andmoreover, it can also be applied in modelling and solving the real-life problems.

PSO 3: A Problem-Solving Techniques: Students undergoing this programme learn to logically understandthe question assertions to classify the patterns and to evaluate the difference between the necessities and unnecessities of the problems which helps to analyze the problem clearly and to take correct decision for solving the problems.

PSO 4: Interdisciplinary and Research Skills: Students completing this programme will be able to create and present mathematical concepts clearly and precisely, to describe mathematical ideas from multiple perspectives and to explain fundamental concepts of mathematics to non-mathematics people in a better manner.

PSO 5:A Proficiency in Employments: The programme will help students build up with employability for government jobs, jobs in banking, insurance and investments sectors, data analysis jobs and jobs in various other public and private enterprises.

COURSE OUTCOMES

Semester-I   Core-I
Calculus and Classical Algebra

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core-I		Calculus and Classical Algebra	90	----	-	4

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
I	I	25	75	100

Objective: To explain the curvature and radius of curvature in polar coordinates and Cartesian coordinates. Also to find the roots of the equations by various methods.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Course Attainment
CO1	Apply the mathematical knowledge to analyze the properties of a curve such as curvature, radius of curvature, Involute and Evolute.	K3, K4
CO2	Classify double and triple integrals	K4
CO3	Identify Beta and gamma function and to apply the rules of beta and gamma function in evaluating double and triple integrals.	K3
CO4	Construct different types of equations and to find the roots of the equations by Newton's Theorem	K1,K6
CO5	Solve the different types of reciprocal equations and to find the number of real roots using Descartes rule of signs.	K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs \ COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	2	3	3	3	1
CO3	3	3	3	1	1
CO4	3	1	3	2	2
CO5	3	1	2	1	2
Total contribution of COs to PSOs	14	11	14	10	8
Weighted Percentage of COs contribution to PSOs	93.33	73.33	93.33	66.66	53.33

Course Content

UNIT–1:

Curvature, Radius of Curvature and Centre of curvature in Cartesian and polar Co-ordinates-Pedal equation–Involute and Evolute.

UNIT–2:

Double and Triple Integrals -Changing the order of integration– Jacobians and change of

UNIT–3: variables.

Beta and Gamma functions – Applications of Beta and Gamma Functions in

UNIT–4: evaluation of Double and Triple Integrals.

Theory of Equations – Formation of equations –Relation between roots and coefficients – symmetric function of the roots.Sum of the powers of the roots of an equation–Newton'stheorem.

UNIT–5: Reciprocal equation-Transformation of equations-Descarte's rule of signs.

TextBooks:
1. Narayanan.S and T.K.ManickavachagamPillai-Differential Equations and its applications,
2. S.Viswanathan Printers Pvt.Ltd,2006.
3. ManickavachagamPillai.T.K,andS,Narayanan -Algebra -Viswanathan Publishers and PrintersPvt.Ltd,2004.

Books for Reference:
1. KandasamyPandK. Thilagavathi- Mathematics forB.Sc.,VolumeII– 2004,S.Chand&Co.,NewDelhi.
2. KandasamyPandK.Thilagavathi-MathematicsforB.Sc.,- 2004,VolumeIandVolumeIV,S.Chand&Co.,NewDelhi.
3. Apostol T.M. - Calculus, Vol. I (4[th]edition) John Wiley and Sons, Inc., Newyork1991.
4. ApostolT.M.Calculus,Vol. II(2[nd]edition)JohnWiley andSons,Inc.,NewYork1969.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	**Allied**		**Statistics-I**	**90**	**-**	**-**	**3**

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
I/II	I/III	25	75	100

Objective: To study the concepts of measures of dispersion and measures of central tendencies and also to develop the concept of probability distributions.

Course Outcomes: On successful completion of the course ,the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO 1	Find and relate the concepts of moments, skewness and kurtosis and to demonstrate the method of least squares and to classify parabolic, exponential and logarithmic curves.	K1, K2, K3
CO 2	Interpret correlation and regression and to illustrate Karl's Pearson's coefficient of correlation and also the lines of regression and coefficient of regression	K2
CO 3	Develop the statistical techniques used in the theory of attributes and to analyze consistency of data and criteria independence and to interpret Yule's coefficient of association.	K3, K4
CO 4	Explain distribution function and its properties, able to find mathematical expectation and to find the cumulants using generating function.	K2
CO 5	Distinguish discrete and continuous probability distributions and to construct binomial, Poisson distribution	K4, K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs\COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	1
CO2	3	2	3	3	2
CO3	2	2	3	2	1
CO4	2	1	2	1	1
CO5	3	2	3	2	2
Total contribution of COs to PSOs	13	9	14	10	7
Weighted Percentage of COs contribution to PSOs	86.66	60	93.33	66.67	46.66

Course Content

UNIT–1:

Moments,Skewness and Kurtosis-Curve fitting-method of least squares–Fitting lines–Parabolic, Exponential and Logarithmic curves.

UNIT–2:

Correlation and Regression – Scatter Diagram – Karl Pearson'scoefficient of correlation – Properties – Lines of Regression–Coefficient of Regression and properties–Rank Correlation.

UNIT–3:

Association of Attributes –Consistency of data–Criteria independence – Yule's Coefficient of Association.

UNIT–4:

Random variable – Distribution function – Properties of Distribution function – MathematicalExpectation –Multiplication theorem of Expectation – Moment generating function – Cumulants– Characteristic function –Properties of Characteristicfunction.

UNIT–5:

Discrete and continuous Probability Distributions - Binomial and Poisson Distribution and their moments,Generating function,characteristic function,properties and simple applications.Normal Distribution –Standard normal distribution and their properties–simple problems**.**

TextBooks:

1. Arumugam&ThangapandiIsaac,Statistics,New Gamma Publishing House,July 2016 for UnitI,II,III

2. Gupta.S.C and V.K.Kapoor-Fundamentals of Mathematical Statistics,Sultan Chand &sons,NewDelhi.(2002) for (Unit IV &V)

BooksforReference:

1. Vittal,V.R., Mathematical Statistics, Maragatham Publications,2004
2. D.C.Sacheti&KapoorStatistics,Sultan Chand & Sons, New Delhi,2017.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-IV	**Core-II**		**Differential Equations and Analytical Geometry of Three dimension**	**90**	-	-	**4**

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
I	**II**	**25**	**75**	**100**

Objective: To explain ordinary differential equations with constant and variable coefficients and to describe sphere, intersection of two spheres and tangency of spheres

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO1	Solve the differential equations which are all solvable for x, y, p and Clairaut's form.Also, to illustrate the method of solving the differential equations of the form $f_1(D)x+g_1(D)y=h_1t$, $f_2(D),x+ g_2(D)y = h_2(t)$.	K2,K6
CO2	Identify and solve the second order linear differential equation with constant coefficients and to interpret the linear equations of second order with variable coefficients.	K2, K3, K6
CO3	Analyze the 3D-co-ordinate systems and how to find the direction cosines and direction ratios.. Also to find the angle between planes , the length of the perpendicular and angle of bisection.	K1,K4
CO4	Find and classify the equation of lines in different forms and calculate the image of the point, image of a line and to distinguish lines and planes.The angle between the line and plane can be determined. coplanar lines can be shown and the shortest distance between	K1,K2,K5
CO5	The equations of spheres and circles of intersection can be interpreted and	K2,K4

		to illustrate and analyze the tangency of sphere.	

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	1	2
CO2	3	2	3	2	1
CO3	3	3	2	3	2
CO4	2	3	3	2	1
CO5	3	1	2	1	1
Total contribution of Cos to PSOs	14	11	13	9	7
Weighted Percentage of COs contribution to PSOs	93.33	73.33	86.66	60	46.66

Course Content

Unit I:

First order higher degree equations -Solvable for x,y,p and Clairaut's Form-Simultaneous Differential equations of the form $f_1(D)x + g_1(D)y = h_1(t), f_2(D), x + g_2(D)y = h_2(t)$

Unit II:

Ordinary Differential Equations-Second Order linear Differential DifferentialEquations with constant Coefficients-Find the P.I for the function of the form $e^{ax} f(x)$ and $x^n f(x)$-Linear Equation of second order with Variable coefficients.

Unit III:

AnalytcalGeaometryof 3D -Co-Ordinate system, Direction Cosines,Direction Ratios-Equation of planes in different forms-angle between planes-Length of perpendicular-angle of bisection.

Unit IV:

Equation of a line in different forms-image of a point-image of a line-The plane and the straight line-angle between plane and the line-Coplanar lines-Shortest distance between two lines.

Unit V:

Sphere-Tangent plane-Circle of intersection-Tangency of spheres-Orthogonal spheres.

Text Books:

1. Narayanan.S and T.K.ManikavachagamPillai-Differential Equations and its applications, S.Viswanathan Printers Pvt.Ltd,2006
2. ManickavachagamPillai.T.K.,andT.Natarajan-A Text book of Analytical Geometry-Part II-Three dimensions-S.Viswanathan (Printers & Publishers) Pvt.Ltd(2012)

Book For Reference

1. Kandasamy.P and K.Thilagavathi-Mathematics for B.Sc., Vol. III and VI-S.Chand and Co.,New Delhi (2004)
2. Braun .M-Differential equations and their applications (III Edition)Springer-Verlag,Newyork (1983)
3. Boyce. W.E and R.C.Diprima-Elementary Differential Equations and Boundary value problems (VII Editions)-John Wiley and Sons,Inc,Newyork (2001)

Semester -II/IV

<div align="center">

Allied Paper -II
Statistics-II (For Mathematics Students)
</div>

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-IV	Allied		Statistics-II	90	-	-	4

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
I/II	II/IV	25	75	100

Objective: To know the importance of Correlation and regression and also to explain the basic concepts of various types of distribution.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO 1	To list out the characteristics of index numbers and to find Laspeyer's and Paache's, Fisher and Bowley'sEdgeworth's index numbers. The method to classify and analyse the unit test, commodity reversal test, time reversal test and circular tests can be shown.	K1, K2
CO2	Construct testing of hypothesis and to distinguish null hypothesis and alternative hypothesis. Type I and Type II errors can be classified. The level of significance and test of significance for large samples can be explained.	K2, K4, K6,
CO3	Identify the distributions such as t-distributions and F-distribution. By making use of t-test the single mean and difference of means can be found out. Variance ratio test based on Chi-Square distribution by making use of this the goodness of fit can be decided.	K1, K3,K5
CO4	To find analysis of variance. One way and two way classified data can be explained and to randomize block design. Latin squarescan be analysed and constructed.	K1,K4,K5
CO5	To explain statistical quality control and its advantages. Process control can be illustrated by making use of this control chart, range chart, P-chart can be designed	K2,K3

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	1	1
CO2	3	3	3	3	2
CO3	3	2	2	3	2
CO4	2	3	2	3	3
CO5	3	2	3	2	1
Total contribution of COs to PSOs	14	12	13	12	9
Weighted Percentage of COs contribution to PSOs	93.33	80	86.66	80	60

Course Content

UNIT–1:

Characteristics of index numbers –Laspeyer's and Paache's–Fisher's and Browley and Edgeworth's index numbers Tests–Unit Test, Commodity Reversal Test, Time Reversal Test, CircularTest.

UNIT–2:

Testing of Hypothesis– Null hypothesis and Alternate hypothesis –Type I and Type II errors - Critical Region,Level of significance– Test of significance for large samples– Testing a single proportion–Difference of proportions Testing a single mean and Difference of means..

UNIT–3:

Tests based on t-distribution-Single mean and Difference of means–Tests based on F-Distribution–Variance RatioTest based on Chi-Square Distribution–Independence–Goodness of fit.

UNIT–4:

Analysis of Variance – one way and two way classified data – Basic of experimental design – Randomized Block Design–Latin Square–Simple Problems.

UNIT–5:

Statistical Quality control– Definition–Advantages,ProcessControl–Control Chart, Mean Chart, Range Chart, P-Chart, Product Control–Sampling Inspection Plans.

TextBooks:

1. Statistics–Arumugan&ThangapandiIssac,New Gamma Publications,2016(Unit-I,II&III).
2. Gupta. S.C&V.K.Kapoor–FundamentalsofMathematicalStatistics–(2002)SultanChand&Sons,NewDelhi,for(Unit-IV &V).

BooksforReference:

1. Vittal.P.R–MathematicalStatistics,MaragathamPublications,2004.
2. DCSacheti&Kapoor– Statistics,Sultan Chands New Delhi, Reprint-2017
3. R.S.N Pillai&Bagavathi, Statistics Theory and Practice, S Chand and Company Ltd, Reprint 2018.

Semester-III
Core-III
SEQUENCES AND SERIES

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core-III		Sequences And Series	90	-	-	4

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
II	III	25	75	100

Objective: Toacquirebasicideasofclassicalanalysis and to studythe behavior ofsequences and series.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Analyse the real number system and also to classify rational and irrational numbers.To find the upper bounds,least upper bounds and maximum elementand to elaborate triangleinequality and Cauchy-Schwartz Inequality.	K1,K2,K4
CO2	Categorize the sequences as bounded sequences, monotonic sequences, convergent sequences and divergent sequences. Also to find the algebra of limits	K1,K4
CO3	Demonstrate the behavior of monotonic sequences and to apply Cauchy's first limit theorem,Make use of Cauchy's Second limit theorem and Cesaro's Theorem. Contruct subsequence and to explain Cauchy's general principle of convergence.	K2,K3,K6
CO4	Interpret the series and to apply n^{th} term test,Comparison test,Kummer'stest, D'Alembert's ratio test,Raabe's test, Guass test and root test to compile the nature of the series.	K2, K3,K6
CO5	Analyse the alternating series .Apply the test for convergence for series of arbitrary terms.Also to identify the power series and to determine the radius of convergence.	K1,K3,K4,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	1
CO3	3	3	2	3	2
CO4	3	1	3	2	2
CO5	3	1	2	1	2
Total contribution of COs to PSOs	14	10	13	12	10
Weighted Percentage of COs contribution to PSOs	93.33	66.67	86.67	0.8	66.67

Course Content

UNIT–1:

Inequalities, Triangle inequalities,Cauchy-Schwartz inequality,Sequences,Bounded Sequences,Monotonic Sequences.(Sec 2.1-2.3,2.5,3.1-3.4).

UNIT–2:

Convergent Sequences,Divergent and Oscillating Sequences,The algebra of limits,Behaviour of monotonic Sequences.(Sec 3.5-3.8)

UNIT–3:

Some theorems on limits,Subsequences,CauchySequences,Series of positive terms-Infinite series, Comparison test(Sec 3.9,3.10,3.12,4.1 & 4.2).

UNIT–4:

Kummer'stest,Root test and condensation test (Section 4.3,4.4)

UNIT–5:

Series of arbitrary terms, Alternating Series, Tests for convergence of series of arbitrary terms.

TextBooks:

❖ S. Arumugam, A.ThangapandiIssac and A.Somasundaram-" Sequences and series"–YesdeePublications,Chennai. (First reprint 2021).

Book for Reference:

➢ ShantiNarayan&Dr.M.D.Raishinghania,ElementsofRealanalysisS.Chand&Co.,R evisedEdition 16th (2014)
➢ EllinaGrigorieva- MethodsofSolvingSequenceandseriesProblem-SpringerLink.
➢ Richard R.Goldberg"Methodsofrealanalysis"Oxford and IBHPublicationsCo.Pvtlimited, New Delhi ,Indian Edition 1975.
➢ Tom.MApostol–MathematicalAnalysis,   NarosaPublishinghouse,NewDelhi. (Reprint 1985).

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Skill Based Core-I		Vector Calculus	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	III	25	75	100

Objective: Tolayagoodfoundationofvectordifferentiationandvectorintegration. Also Tosolveproblemsrelatedtothis.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Classify the vector point function and scalar point function.Determine the derivative of a vector and derivative of product of scalar and vector function.	K2,K5
CO2	Find divergence,curl. Make use of the Laplacian operator.	K1,K3
CO3	Interpret the integration of point function and to illustrate line integral. To solve surface integral.	K5,K6
CO4	Analyze and solve the volume integral.Also to illustrate and make use of Guass Divergence Theorem to solve problems.	K2, K3,K6
CO5	To solve problems based on Green's theorem and Stoke's Theorem	K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	1	3
CO2	2	2	3	2	1
CO3	3	3	3	3	2
CO4	3	1	2	2	1
CO5	1	1	2	3	3
Total contribution of COs to PSOs	12	10	13	12	10
Weighted Percentage of COs contribution to PSOs	80	66.67	86.67	80	66.67

Course Content

UNIT–1:

Vector point functions,Scalar point functions – Derivative of a vector and derivative of sum of vectors – Derivative of product of a scalar and vector point function – The vector operator ∇ - Gradient

UNIT–2:

Divergence–Curl, solenoidal,irrotational vectors–Laplacianoperator.

UNIT–3:

Integration of point function–Line integral–Surface integral.

UNIT–4:

Volume Integral–Gauss divergence theorem(StatementwithoutProof)–
Problems.

UNIT–5:

Green's theorem and Stoke'stheorem(Statement without Proof)–Problems.

TextBook:

❖ Duraipandian and LaxmiDuraipandian,Vector Analysis-Emerald Publishers (Revised Edition,Reprint2005).

Books for References:

➢ Dr. S.Arumugamandothers–Vector Calculus, NewGammaPublishingHouse.(2006).
➢ Susan.J.C–VectorCalculus(4thEdition),PearsonEducation,Boston(2012).
➢ MurraySpiegel-Vectoranalysis – SchaumPublishingcompany,NewYork(2009).

➢ Dr.M.K. Venkataraman and Mrs.Manorama Sridhar, Vector Calcus and Fourier Series,The National Publishing Company,Chennai-1,(2002)

➢ R.Gupta,VectorCalculus,FIREWAL Media (An imprint of Lakshmi Publications Pvt.Ltd)-New Edition,Copyright© 2010.

Non -Major Elective Paper I
FUNDAMENTALS OF STATISTICS-I

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Non major-I		Fundamentals of Statistics-I	30	-	-	2

Contact hours per semester:30
Contact hours per week:2

Year	Semester	Internal Marks	External Marks	Total marks
II	III	25	75	100

Objective: To introduce the new concept of Measure of Central Tendency to other major students .Also to study about correlation, regression and to solve simple problems.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Analyse the classification of datas.Also to construct bar diagram and Pie chart.	K3, K6
CO2	Illustrate measure of central tendency and to find mean,median and mode.	K1,K2
CO3	Explain the measure of dispersion .Also to find standard deviation,variance,quartile deviation and to obtain the relationship between them.	K4,K5
CO4	Interpret correlation and to solve rank correlation problems.	K2,K6
CO5	To find solution for regression equations	K1, K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	2	3	3	1
CO3	3	3	3	3	3
CO4	3	2	3	3	2
CO5	1	2	2	1	2
Total contribution of COs to PSOs	13	12	14	13	11
Weighted Percentage of COs contribution to PSOs	86.67	80	93.33	86.67	73.33

Course Content

UNIT–1:

   Classification of datas–BarDiagram–Pie chart.

UNIT–2:

   Measures of central tendency:Mean,median,mode(with frequency).

UNIT–3:

   Measures of dispersion:Range–standard deviation, Variance–Quartile deviation.

UNIT–4:

   Correlation–Rank correlation(Problemsonly)

UNIT–5:

   Regression equations(Problemsonly)

TextBook:

➢ Dr. S. Arumugam, A.ThangapandiIssac- Statistics, New Gamma Publishing House,Palayamkottai.(2016)

Books for Reference:

➢ S.P.Gupta-ElementaryStatisticalMethods,SultanChand&Sons,(2017).

➢ T.Veerarajan, FundamentalsofmathematicalStatistics,YesDeePublishing Pvt,Ltd..(2017)

➢ C.B.Gupta and Vijay Gupta, An Introduction to Statistical Methods, Vikas Publishing House Pvt.Ltd.New Delhi –(1973)

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core		Abstract Algebra	90	-	-	4

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To acquire knowledge about the concept of groups,rings and fields and to study about the concept of homomorphism.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain the definitions of groups and its examples.Also to determine the order of an element.Illustrate about Subgroups.	K2,K4
CO2	Interpret cyclic groups and to find the generators of cyclic subgroups. Illustrate and apply Lagrange'sTheorem,Euler's Theorem and Fermat's Theorem.	K1,K3,K6
CO3	Elaborate about Normal Subgroups and group homomorphism.Illustrate Isomorphism ,Automorphism .Also to apply Cayley's theorem wherever required.	K4,K5
CO4	Compare and classify Rings and its types.Illustrate about Integral domain and Fields .To summarize about maximal and minimal ideals.	K1,K6
CO5	Utilize the concept of homomorphism and isomorphism on rings .Also to find kernel of homomorphism and to make use of fundamental theorem.	K3,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	3
CO3	3	3	2	2	2
CO4	2	1	3	1	2
CO5	2	2	2	1	2
Total contribution of COs to PSOs	12	11	13	10	12
Weighted Percentage of COs contribution to PSOs	80	73.33	86.67	66.67	80

Course Content

UNIT–1: Groups – definition and examples-Elementary properties of groups – subgroup – order of an element– centre of a group –Normaliserand Centralizer – Product of two Subgroups – order of HK – Intersection and unionofsubgroups

UNIT–2 Cyclic groups–generators of a cyclic group–Cosets and Lagrange's theorem– Euler'stheorem–Fermat'stheorem.

UNIT–3: Normal Subgroups-Quotient groups – Group Homomorphism – Canonical homomorphism – Kernel of a homomorphism–Isomorphism–Automorphism–Inner automorphism–Permutation groups–Cayley's theorem.

UNIT-4: Rings:Definition and examples – Types of rings – Elementary properties of a ring – Integral domain – Field – Subrings – Subfields – Ideals – Principal ideal – Quotient ring – Maximal and prime ideals.

UNIT-5: Homomorphism of rings – Isomorphism – Kernel of a homomorphism – Fundamental theorem.

TextBook:

1. S.Arumugam and A.ThangapandiIssac " Modern Algebra " - Scitech Publications, Privatelimited.(2008)

Books for Reference:

1. M. L.Santiago,ModernAlgebra–McGraw-HillEducationIndiaPvt. Limited,(2002).
2. T K. ManickaVachagampillai and others - Modern Algebra – VisvanathanPublishers(2011).
3. VisvanathanNayak,Modern Algebra-EmeraldPublishers,Reprint1992.

Skill Based Core-Paper- II
TRIGONOMETRY,LAPLACE TRANSFORMS AND FOURIER SERIES

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Skill Based Core		Trigonometry, Laplace Transforms and Fourier Series	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To understand the concept of Trigonometry and to acquire knowledge about Laplace Transform and its inverse. Also to study the concept of Fourier series and to solve problems by making use of it.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Summarize about Trigonometry and to illustrate about the expansion of sinnx, cosnx, Sin^nx, Cos^nx	K2,K3
CO2	Obtain the relationship between hyperbolic functions and circular function. Explain about inverse hyperbolic functions.To find summation of the series using C+iS method.	K1,K4
CO3	Illustrate laplace transform	K5
CO4	Solve differential equations with constant coefficientsby making use of Laplace Transforms.	K6
CO5	Solve problems based on Fourier series . Identify the odd and even functions and to deduce half range series.	K3,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	3
CO3	3	3	2	2	2
CO4	3	2	3	1	2
CO5	3	3	1	1	1
Total contribution of COs to PSOs	14	13	12	10	11
Weighted Percentage of COs contribution to PSOs	93.33	86.67	80	66.67	73.33

Course Content:

UNIT–1:

Trigonometry:Expansion of sinnx,cosnx,tannx and expansions of $\sin^n x$ and $\cos^n x$.

UNIT–2:

Hyperbolic functions – Relation between hyperbolic functions and circular functions – Inverse hyperbolic functions – Logarithm of a complex number–Summation of series using C+iS method

UNIT–3:

Laplace transforms.

UNIT–4:

Inverse transforms, Solving linear differential equations with constant coefficients using Laplace Transforms.

UNIT-5:
Fourier Series–Definition,Finding Fourier coefficients for a given periodic function with period 2π and 2l,odd and even functions ,Half range series.

TextBook:
1. Arumugam. SandThangapandiIssac.A–TrigonometryandFourier Series.
2. T.K. ManickavachagamPillaiandS. Narayanan –Differentialequationsanditsapplications, S. Viswanathan Publishers 2011.

Books for reference:
1. T.Veerarajan–Algebraand Trigonometry– YESDEEPublishing pvt.Ltd.,Chennai.(2020).
2. RayHanna.J–FourierSeries, TransformsandBoundaryvalueProblems, Dover PublicationsNewYork,2008.
3. Dr.M.K.Venkataraman and Mrs.ManoramaSridhar,Vector Calculus and Fourier Series, The National Publishers Company,Chennai (2002).

Non-Major
Elective -II FUNDAMENTALS OF
STATISTICS-II

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-IV	Non Major		Fundamentalsof Statistics-II	30	-	-	4

Contact hours per semester:30
Contact hours per week:2

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To know the concept of attributes and to study the index numbers and simple problems.
Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain the theory of Attributes	K3
CO2	Illustrate about index numbers and to determine the weighted index numbers.	K1,K5
CO3	Analyse and predict consumer price index numbers	K6
CO4	Evaluate Time series	K4
CO5	Apply curve fitting for straight line ,parabola and exponential curve	K2

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create
CO-PSO mapping (Course Articulation Method)

PSOs\Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3
CO2	2	2	3	3	3
CO3	3	3	2	2	2
CO4	3	2	1	2	3
CO5	2	3	1	3	3
Total contribution of COs to PSOs	12	13	11	13	14
Weighted Percentage of COs contribution to PSOs	80	86.67	73.33	86.67	93.33

Course Content:

UNIT–I

Attiributes-Two Attributes

UNIT –II   Index number –weighted index number.

UNIT – III   Consumer Price index number –conversion of index number.Time

UNIT –IV   series –measurement of trends.

UNIT–V   Curve fitting–Straight line –Parabola –Exponential curve.

TextBook:

1. Dr. S. Arumugam, A.ThangapandiIssac- Statistics, New GammaPublishing House,Palayamkottai (2016).

Books for Reference:

1. S.P.Gupta-Elementary Statistical Methods,Sultan Chand & Sons,2017).
2. T. Veerarajan Fundamentals of mathematical Statistics, YesDee Publishing Pvt.Ltd.Edition .(2017)

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-V		Linear Algebra	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To acquire knowledge about vectors spaces,Inner product space and linear transformations.Also to solve problems in Matrices

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain the definitions and general properties of vector spaces. Also to explain subspace. They know where to apply fundamental theorem of homomorphism.	K1, K2
CO2	Determine the span of a set and to check whether the given set is Linearly dependent or not.Also to find basis and dimensions.	K4
CO3	Illustrate and apply Rank Nullity theorem.Explain the definitions and examples of inner product space.Apply Gram Schmidt Orthogonalization process.	K3,K6
CO4	Construct matrices and also to summarize the elementary transformations.Determine the Inverse of matrix and rank of a matrix. To make use ofCayley Hamilton Theorem.	K2, K6
CO5	Determine Eigen Values and Eigen Vectors. Identify bilinear forms and quadratic forms.Also To deduce Diagonal form from Quadratic form.	K4,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	1
CO3	3	3	2	3	2
CO4	2	1	3	2	2
CO5	2	2	2	1	3

Total contribution of COs to PSOs	12	11	13	12	11
Weighted Percentage of COs contribution to PSOs	80	73.33	86.67	0.8	73.33

Course Content

UNIT–1:

Vector spaces:Definition and examples–Elementary properties–subspaces– linear transformations–Fundamental theorem of homomorphism.

UNIT–2:

Span of a set–linear dependence and independence–basis and dimension.

UNIT–3:

Rank - Nullity theorem – Matrix of a linear transformation – Inner product space – Definition and examples–orthogonality–orthogonal complement– GramSchmidt orthogonalization process.

UNIT–4:

Matrices –Elementary transformation–Inverse and power of a matrix using Cayley Hamilton's theorem– Inverse and rank of a matrix using elementary transformations.

UNIT–5:

Eigen values and Eigen vectors – Properties and problems – Bilinear forms –Quadratic forms –Reduction of quadratic form to diagonal form.

TextBook:

S.Arumugan&ThangapandiIssac ,Modern Algebra-Scitech Publication,Reprint(2008).

BooksforReference:

1. SharmaJ.NandVashisthaA. R.LinearAlgebra-KrishnaPrakashNandir1981.
2. JohnB. Fraleish–AfirstCourseinAbstractAlgebra 7[th]edition, Pearson, 2002.
3. N. Ramabhadran&R.Balakrishnan,Textbookofalgebra – VikasPublishingCo.RevisedEdition1985.
4. Ward Cheney and David Kincaid,Linear Algebra-Theory and Applications.Jones and Barlett India PVT Ltd, New Delhi -First Edition(2010)

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-VI		Real Analysis	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To acquire knowledge about the real number system and metric spaces.Also to study the concepts of connectedness and compactness.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain about Metric spaces and to construct an open ball .Also to interpret interior	K1,K3
CO2	Interpret about closed sets and to find closure. To determine limit points. Analyze about complete metric space.Discuss about Cantor's intersection theorem and Baire's Category theorem.	K2,K4
CO3	Summarize continuity. Illustrate about uniform continuity.	K3,K5
CO4	Explain about connectedness and to deduce the connected subsets of R .To obtain the relationship between connectedness and continuity	K4,K6
CO5	Illustrate about compactness and to find the connected subsets of R.Illustrate and make use of Heine Borel Theorem .To determine the relationship between compactness and continuity.	K3,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	1
CO3	3	3	2	3	2
CO4	1	2	3	2	2
CO5	1	2	2	3	3
Total contribution of	10	12	13	14	11

COs to PSOs					
Weighted Percentage of COs contribution to PSOs	66.67	80	86.67	93.33	73.33

Course Content

UNIT–1:

Metricspaces –Examples –boundedsets –openball–opensets –subspaces–interiorofaset.

UNIT–2:

Closedsets–closure–limitpoints–denseset–completemetricspace–Cantor's intersection theorem– Baire's category theorem.

UNIT–3:

Continuity–Homeomorphism–UniformContinuity

UNIT–4:

Connectedness–Connected subsets of **R**–Connectedness and continuity–Contraction mapping theorem.

UNIT–5:

Compactness–Compact metric spaces–Compact subsets of **R**–Heine Borel theorem–Equivalent characterizations for compactness–Compactness and Continuity.

TextBook:

Dr. S. Arumugan,ModernAnalysis–YesDeePublishingPvt.Ltd.Reprint(2019).

Books for Reference:

1. RichardR.Goldberg–MethodsofRealAnalysis-OxfordandIBHPublishingCo.NewDelhi,Indian edition 1985.
2. RVisvanathanNayak,RealAnalysis-EmeraldPublishers, Reprint1992.
3. Dr.B.S.Vatsa,Introductionto Real Analysis,CBS Publishers and Distributors,New Delhi.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-IX		Statics	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To provide the basic knowledge of equilibrium of a particle and to develop a working knowledge to handle practical problems.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain the forces acting at a point and to apply the parallelogram law of forces, Triangle law of forces and Lami's theorem.	K2,K4
CO2	Interpret parallel forces and moments. Analyse the resultant of two parallel forces and the resultant of two unlike unequal parallel forces.To applyVarigon's theorem.	K1,K6
CO3	Summarize equilibrium of three forces acting on a rigid body and to illustrate three coplanar forces theorem and to make use of the above theorem to solve problems	K3,K5
CO4	Explain about laws of friction.Also to determine the angle of friction and Illustrate about the equilibrium of a particle and to make use of the concepts to solve the problems.	K1,K2,K6
CO5	Interpret the equilibrium of strings.To deduce the equation of catenary and its geometrical properties.	K2,K4

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3

CO2	3	2	3	3	1
CO3	3	3	2	3	3
CO4	1	2	3	2	3
CO5	1	2	1	3	3
Total contribution of COs to PSOs	11	12	12	14	13
Weighted Percentage of COs contribution to PSOs	73.33	80	80	93.33	86.67

Course Content
UNIT–1:

Forces acting at a point–Parallelogram law of forces–Triangle law of forces–Lami's theorem

UNIT–2:

Parallel forces and moments–resultant of two parallel forces resultant of two unlike unequal parallel forces–Varigon'stheorem

UNIT–3:

Equilibrium of three forces acting on a rigid body–three coplanar forces theorem.

UNIT–4:

Friction–Laws of friction–angle of friction– equilibrium of a particle (i)on a rough inclined plane (ii)under a force parallel to the plane(iii)under any force

UNIT–5:

Equilibrium of strings–equation of the common catenary–tension at any point–geometrical properties of common catenary

TextBook:

M.K. Venkatraman–Statics, Agasthiar Publications, Trichy(2020).

Booksforreference:

1. S.Narayanan,StaticsS.ChandandCompany,NewDelhi(1985).
2. K.ViswanathaNaikandM.Kari,Statics ,EmeraldPublishers,Chennai.
3. I.Rajeswari–Mechanics-SarasPublication,Nagercoil(2016).

INTEGRAL TRANSFORMS AND Z TRANSFORMS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-VIII		Integral Transforms and Z transforms	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To develop the knowledge of transforms and to solve problems in Fourier transforms and Z transforms.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Apply Fourier transforms and to explain the properties.	K2,K4
CO2	Solve problems on infinite Fourier cosine and Sine Transforms	K1,K6
CO3	Identify and solve Finite Fourier transfoms	K3,K5
CO4	Illustrate Z transforms and its properties.	K1,K2,K6
CO5	Utilize inverse Z transforms to solve difference equations.	K2,K4

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	2	3	3	1
CO3	1	3	2	2	3
CO4	2	2	3	1	3
CO5	2	3	2	2	3
Total contribution of COs to PSOs	11	13	13	12	13
Weighted Percentage of COs contribution to PSOs	73.33	86.67	86.67	80	86.67

Course Content

UNIT–1:

Fourier Transforms–Properties of Fourier Transforms.

UNIT–2:

Infinite Fourier Cosine and Sine Transforms–Properties.

UNIT–3:

Finite Fourier Transforms.

UNIT–4:

Z-transforms–Properties.

UNIT–5:
Inverse Transforms- Introduction to difference equations and find solution using inverse Z transforms

TextBook:

    Singaravelu.A–Eingineering mathematics (volumeIII) –MeenakshiAgency,Chennai(2019).

Books for Reference:

1. MuthuKumaraswamy.R- Transforms and Partial Differential Equation Equations–YesDee Publications –Second Edition(2019).
2. Gangatharan,Engineering Mathematics (volume I) –Prentice Hall of India Pvt.Ltd.(2007).
3. Dr.C.Muthulakshmi@Saisikala and R.Ponraj- Transformsand their applications,Charulatha Publication(2020).

Semester-V
Major Elective-I
DISCRETE MATHEMATICS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Non Major - I		**Discrete Mathematics**	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To study concepts of mathematical logics and to understand the basics of Lattices and Boolean Algebra.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Illustrate and use the statements,notations and connectives .Construct truth table and utilize conditional and biconditional statements.	K2,K3
CO2	Analyze and explain Predicate calculus	K1,K4
CO3	Elaborate Groups and monoids. Also to develop Group codes	K6
CO4	Construct Lattices and special lattices.Analyze and explain Boolean algebra	K5
CO5	Convert From one form to another form (Decimal,Binary,Octal,Hexadecimal). Evaluate Binary addition,subtraction multiplication and division.	K2,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	1	3
CO2	3	3	3	3	2
CO3	3	3	2	1	3
CO4	2	3	3	3	3

CO5	1	3	2	3	2
Total contribution of COs to PSOs	12	14	13	11	13
Weighted Percentage of COs contribution to PSOs	80	93.33	86.67	73.33	86.67

Course Content

UNIT–1: Mathematical logic – Statements and notation, Connectives, Negation, Conjunction, Disjunction, Statement formula and truth table ,Conditional and biconditional statements.Well defined formulae, tautologies.
UNIT–2: Normal forms - The theory of interference for the statement calculus,The Predicate,Theory of inference for the Predicate Calculus.

UNIT–3: Algebraic structures - Groups and monoids, Simple properties, Group codes.

UNIT–4: Lattices and Boolean algebra -Lattices asposets, Properties of lattices, special lattices, Boolean algebra, Gating networks, Minimal sums of products.

UNIT–5: Number system and codes - Decimal, Binary, Octal, Hexadecimal–Conversion from one to another– Binary addition,subtraction,multiplicationand division, BCD, Weighted excess time, Graycode.

TextBook:
> J.P.Tremblayand Manohar-Discretemathematicalstructureswithapplication to Computer Science(Tata McGrawHill)NewDelhi, 43rd edition 2013.

BooksforReference:
1. M. K. Venkataramanandothers –Discretemathematics- TheNationalPublishingPvt.Ltd.(2000).
2. G. Balaji– Discretemathematics– BalajiPublishersChennai(2013).
3. T. Veerarajan–Discrete mathematics Tata McGraw Hill –2009.
4. GarettBirkhoff-Lattice Theory,American Mathematical Soceity(1948).
5. M.K.Sen,B.C.Chakraborty,Introduction to Discrete Mathematics, Books and Allied (P) Ltd (2009).

Major Elective-I
OPERATIONS RESEARCH -I

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Major elective		Operations Research-I	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To introduce the various techniques of operations research
Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Solve Linear Programming Problem by making use of Graphical method,Simplex method.	K4
CO2	Interpret the concept of duality.Classify primal and dual problems.Utilizing the concept of duality ,solve problems on dual simplex method.	K3
CO3	Solve Transportation problems by making use of North – west corner rule,Matrix-Minima method,Vogel's Approximation rule. Evaluate Degeneracy and unbalanced transportation problems.	K2,K5
CO4	Determine the solution for Assignment problems.	K1,K6
CO5	Solve sequencing problems.	K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	1	3
CO2	2	1	2	3	3
CO3	2	1	2	3	2
CO4	2	3	1	3	3
CO5	3	3	2	3	3
Total contribution of COs to PSOs	12	11	10	13	14
Weighted Percentage of COs contribution to PSOs	80	73.33	66.67	86.67	93.33

Course Content

UNIT–1:

Linear Programming Problem:Mathematical formulation of LPP–Graphical method,Simplex method–
Artificial variable technique.

UNIT–2:

Concept of Duality–Primal and Dual problems–Duality–Dual Simplex method.

UNIT–3:

Transportation Problem:North-west Corner rule–Matrix-Minima method–Vogel's approximation method–
MODI method–Degeneracy and unbalanced Transportation problem.

UNIT–4:
Assignment Problem:Hungarian method –Unbalanced assignment problems.

UNIT–5:
Sequencing Problem: n jobs and two machines – n jobs and three machines – 2 jobs and m machines.

TextBook:
  ❖ KantiSwarup, P. K. Gupta and Manmohan – Operations Research – Sultan Chand and
     sons,(New Delhi)12thedition(2006)

BooksforReference:
  1. GuptaP.KandD.S.Hira–OperationsResearch– S.Chand&Sons Reprint (2012).
  2. B. J.RanganathandA. S.Srikantappa–OperationsResearch–
     YesDeePublishingHouse,Chennai(2017).
  3. HamdyA.Taha –Operationsresearch,Anintroduction- 8thEditionPrentice–HallIndia(2006).
  4. A.C.S.Kumar, Operation Research,Yes Dee Publications,Chennai,3rd Reprint 2019.

COMPLEX ANALYSIS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-IX		Complex Analysis	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To understand the concepts of complex variables and to learn about elementary transformations in complex variables.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain analytic functions and determine the functions of a complex variables and to utilize Cauchy Reimann equations	K2, K3
CO2	Elaborate Bilinear Transformations and classify the elementarytransformations. Also to find fixed points.	K4,K5
CO3	Illustrate complex integrations and to make use of Cauchy's Integral Formula	K1,K6
CO4	Explain Series Expansions and to determine Taylor's Series,Laurent'sSeries.Determine zeros of an analytic function.	K2, K6
CO5	Determine residues and to make use of Cauchy's Residue Theorem.Also to evaluate definite integrals	K4,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	2	3	1
CO3	3	3	3	3	2
CO4	1	2	2	2	2
CO5	1	2	1	1	3
Total contribution of COs to PSOs	10	12	11	12	11
Weighted Percentage of COs contribution to PSOs	66.67	80	73.33	80	73.33

Course Content

UNIT–1: Analyticfunctions - Functions of a complex variable, Limits, theorems on limit, continuous function, Differentiability, The Cauchy-Riemann equations, Analytic functions, Harmonic functions**.**

UNIT–2: Bilinear Transformations – Elementary Transformations, Cross Ratio, Fixed Points of Bilinear Transformations, Some Special Bilinear Transformations.

UNIT–3: Complex Integration – Definite Integral, Cauchy's Theorem, Cauchy's Integral Formula, Higher Derivatives.

UNIT–4: Series Expansions – Taylor's Series, Laurent's Series, Zeros of an Analytic Function, Singularities.

UNIT–5: Calculus of Residues– Residues, Cauchy's Residue Theorem, Evaluation of Definite Integrals.

TextBook:

Arumugam.SandT.Issac–"ComplexAnalysis"–ScitechPublishingHouse–Chennai,(2002).

Books for Reference:
1. Churchill.R.V.andJ.W.Brown–"Complexvariables and Applications"–McGrawHillInternationalEditions–IXEdition,2013.
2. Ponnuswamy.S "Foundations of Complex Analysis", Narosa Publication House, NewDelhi, IIEdition2005.
3. Duraipandian.P andLakshmiDuraipandian–"ComplexAnalysis"–EmeraldPublications, Chennai(2001).

GRAPH THEORY

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-X		Graph Theory	75	0	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To introduce the notion of graph theory and its applications and to learn the techniques in Graph Theory.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Construct graph and to explain its definition. Determine degrees. Also to perform operations on graph	K2,K3
CO2	Classify degree sequence and graphic sequence. Illustrate connectedness, compactness and connectivity.	K4,K5
CO3	Construct Eulerian Graphs and Hamiltonian graphs.Elaborate the characterizations of trees and to find centre of a tree.	K1,K6
CO4	Interpret Planar graphs and to determine chromatic numbers and chromatic index.	K2, K6
CO5	Explain Chromatic Polynomials and the properties of digraphs.	K4

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	1
CO3	1	3	2	3	2
CO4	2	2	1	1	2
CO5	1	2	1	1	3
Total contribution of Cos to PSOs	9	12	10	11	11
Weighted Percentage of COs contribution to PSOs	60	80	66.67	73.33	73.33

Course Content

UNIT–1:

Definition and examples of graphs –degrees- subgraphs–isomorphism–independent sets and coverings–matrices–operations of graphs.

UNIT–2:

Degree sequences–graphic sequences– walks–trails and paths –connectedness and components–connectivity.

UNIT–3:

Eulerian graphs–Hamiltonian graphs, Trees and its characterization–centre of a tree**.**

UNIT–4:

Planar graphs-Definition and properties–chromatic number and chromatic index.

UNIT–5:

Chromatic polynomials, definition and basic properties of digraphs, paths and connectedness in digraphs**.**

TextBook:

Arumugam.S&S.Ramachandran–InvitationtoGraphTheory, ScitechPublications,Chennai,2002.

Booksforreference:

1. Kumaravelu.SandSusheelaKumaravelu –Graphtheory-Nagercoil,2002.
2. NarasinghDeo–Graphtheorywithapplicationtoengineeringandcomputer science, Prentice–HallofIndiapvt.Ltd.,NewDelhi,1979.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-XI		Number Theory	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To highlight the beauties in the world of numbers and to prepare the students for coding through congruence.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain Peano's theorem and to utilize mathematical induction.Also to make use of binomial theorem	K1,K5
CO2	Illustrate Division Algorithm .Determine GCD .To deduce the Diaphantine equation ax+by=c	K3,K5
CO3	Intrepret the fundamental theorem of arithmetic.Explain The Sieve of Eratosthenes and to use Goldbach Conjecture.	K2,K6
CO4	Summarize the basic properties of congruences and to apply Chinese Remainder Theorem	K2, K4
CO5	Elaborate Fermat's Theorem, Wilson's Theorem and to apply Kraitchik Factorization Method.	K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	1
CO3	1	3	2	3	2
CO4	2	2	1	1	2
CO5	1	2	1	1	3
Total contribution of COs to PSOs	9	12	10	11	11
Weighted Percentage of COs contribution to PSOs	60	80	66.67	73.33	73.33

Course Content

UNIT-1:

Peano's Axioms–Mathematical induction–The Binomial Theorem–Early Number Theory.

UNIT–2:

Division Algorithm–GCD–Euclidean Algorithm–The Diaphantine Equation ax+by=c.

UNIT–3:

The fundamental Theorem of Arithmetic – The Sieve of Eratosthenes– The Goldbach conjecture.

UNIT–4:

Basic properties of congruences–Linear congruence and The Chinese Remainder Theorem.

UNIT–5:

Fermat's Theorem–Wilson's Theorem–The Fermat–Kraitchik Factorization Method.

TextBook:

David.M.Burton –ElementaryNumberTheory-Tata McGraw Hill Education Pvt. Ltd-(SixthEdition)-2007.

BooksforReference:

1. IvanNivenand.H,Zuckerman-AnIntroductionto TheoryofNumbers, CambridgeUniversityPress-2019.
2. Kumaravelu.S, andSusheelaKumaravelu-ElementsofNumber TheoryNagercoil,2002.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-XII		Dynamics	60	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To provide a basic knowledge of the behaviour of objects in motion and to develop a working knowledge to handle practical problems.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Illustrate projectiles and to find the equation of path,range and maximum height and time of flight.	K2,K3
CO2	Elaborate about the collision of elastic bodies.Interpret law of impact and classify direct and oblique impact.	K1,K4
CO3	Determine simple harmonic motion in a straight line.Summarize the composition of SHM of the same period in the same line and along two perpendicular directions.	K2,K6
CO4	Interpret motion under the action of central forces.Derive velocity and acceleration in polar coordinates.	K5,K6
CO5	Obtain the differential equation of central orbit .Also to deduce the pedal equation of central orbit.	K3,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs \ Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	2
CO3	3	3	2	3	2
CO4	2	2	3	1	2
CO5	2	2	2	1	3
Total contribution of COs to PSOs	12	12	13	11	12
Weighted Percentage of COs contribution to PSOs	80	80	93.33	73.33	80

Course Content

UNIT–1:

Projectiles–Equation of path–range–maximum height–time offlight.

UNIT–2:

Collision of elastic bodies–Laws of impact–direct and oblique impact.

UINT–3:

Simple Harmonic Motion (SHM) in a straight line-Geometrical representation–composition of SHM of the same period in the same line and along two perpendicular directions.

UNIT–4:

Motion under the action of central forces– velocity and acceleration in polar co-ordinates.

UNIT–5:

Differential Equation of central orbit-pedal equation of central orbit–problems to find the law of force towards the pole when the orbit is given.

TextBook:

Venkatraman, M.K.-A TextBook on Dynamics, Agasthiar Publication, Trichy,2020.

Books for Reference:

1. Narayanan, S-Dynamics,S.Chand& company(New Delhi),16thEdition,1986.
2. Duraipandian.P, LaxmiDuraipandian and MuthamizhJayapragasam-Mechanics S.Chand& Company (2003).
3. I.Rajeswari–Dynamics – Saras Publication, Nagercoil, I edition (2019).

NUMERICAL METHODS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-XIII		Complex Analysis	75	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To introduce finite differences and to solve numerical problems by different methods.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Obtain solution for numerical algebraic and Transcendental equations by making use of various methods.	K1,K3,K4
CO2	Find finite difference for first and higher order differences. To classify forward and backward differences.	K2,K6
CO3	To apply interpolation formula in Newton's Forward and backward, Guass Forward and backward formula.	K5,K6
CO4	Make use of numerical differentiation and integration in Newton's forward &backward differences for differentiation.Also to utilize Trapezoidal rule and Simpson's 1/3 and 3/8 rule.	K3,K4
CO5	Solve Difference equations and to determine the order and degree of difference equation.Solve linear difference equation and find complementary function and to deduce particular Integral of the function.	K1,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3
CO2	2	2	3	3	1
CO3	2	3	2	3	2
CO4	2	2	2	3	2
CO5	1	2	2	2	3
Total contribution of COs to PSOs	9	12	12	14	11
Weighted Percentage of COs contribution to PSOs	73.33	80	80	93.33	73.33

Course Content

UNIT–1:

Solution of Numerical algebraic and Transcendental Equations : Bisection method– Newton'smethod. Criterion of order of convergence of Newton's method.Regula False method – Gausselimination–Gauss Jacobi–GaussSeidalmethod.

UNIT–2:

Finite Difference: First and higher order differences – Forward and backward differences – PropertiesofOperator –Differencesofa polynomial–FactorialPolynomial.

UNIT–3:

Interpolation: Newton's Forward–backward, Gauss forward–backward interpolation formula–Bessel's formula. Divided differences – Newton's divided differenceformula – Lagrange'sinterpolationformula.

UNIT -4:

Numerical Differentiation and integration : Newton's forward and backward differences for differentiation- Derivatives using Bessel's formula-Trapezoidal rule-Simpson's 1/3 rule & 3/8 rule.

UNIT-5:

Difference equations: Definitions-order and degree of difference equation-Linear difference equation-finding complementary function-particular integral-simple applications.

TextBook:

Venkatraman.M.K-Numerical methods in Science and Engineering National Publishing Company- Edition1998.

BooksforReference:

1. Kandasamy.P.K.Thilagavathy and K.Gunavathy, Numerical Methods, S.Chand& CompanyLtd.Edn.2006.
2. AutarKawandEgwwnEncKalu–NumericalmethodswithApplicationAbidet.Autokaw.com2ndEdtion,2011.
3. Dr.A.Singaravelu ,Statistics&NumericalMethods,MeenakshiAgency(2012).

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Major Elective -III		Fuzzy Mathematics	60	-	-	4

Contact hours per semester:60
Contact hours per week :4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: Tointroduce fuzzyconceptstostudents and tofacilitatethestudentstostudyfuzzyoperationsandfuzzynumbers

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Explain Crisp sets and fuzzy sets and illustrate the characteristics and significance of Paradigm Shift.	K1,K2
CO2	Elaborate the Additional properties of α cuts and the extension principle for fuzzy sets.	K1,K4
CO3	Perform fuzzy set operations.Also to determine fuzzy complements , fuzzy intersections and fuzzy unions.	K5,K6
CO4	Determine fuzzy numbers and Linguistic variables.Apply arithmetic operations on intervals and on fuzzy numbers.Construct lattice of fuzzy numbers.	K2,K3,K4
CO5	Analyze and classify fuzzy decision making ,individual decision making, Multi person decision making problems.	K5,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PO mapping (Course Articulation Method)

PSOs / Cos	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	3	3
CO2	2	1	3	3	1
CO3	2	1	2	3	2
CO4	1	2	2	3	2
CO5	2	2	1	2	3
Total contribution of COs to PSOs	9	9	11	14	11
Weighted Percentage of COs contribution to PSOs	60	60	73.33	93.33	73.33

Course Content

UNIT–1:

Crisp Sets–Fuzzy Sets–Basic Types–Basic Concepts–Characteristics and Significance of Paradigm Shift.

UNIT–2:

Additional properties of α-cuts– representationsof fuzzy sets– Extension principle for fuzzy sets.

UNIT–3:

Fuzzy set operations–Fuzzy complements–Fuzzy intersections:t-norms–Fuzzy Unions: t-conforms – Combinations of operations.

UNIT-4:

Fuzzy numbers – linguistic variables-arithmetic operations on intervals-arithmetic operations on fuzzy numbers-Lattice of fuzzy numbers-Fuzzy Equations.

UNIT-5:

Fuzzy decision making – Individual Decision Making-Multi-person decision making-fuzzy linear programming.

TextBook:

GeorgeJ.Klir and BoBoYuan– Fuzzy sets and Fuzzy Logic Theory Applications, Prentice Hall of India,2002,New Delhi.

Book forReference:

GeorgeJ.KlirandTina.A.Folger–Fuzzy sets, uncertainty and Information – Prentice Hall ofIndia,2003,NewDelhi.

Elective- IV
OPERATIONS RESEARCH-II

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To introduce games and strategies.Also to understand networking problems.
Course Outcomes: On successful completion of the course,the students should be able to

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Major Elective -III		Operations Research	60	-	-	4

CO No.	Course Outcome	Knowledge Level
CO1	Interpret the games and strategies. Solve two persons zero sum games.Make use of mixed strategies and dominance property.	K2,K3
CO2	Analyze the replacement of items that deteriorate with time. Illustrate replace montage of a machine taking money value into consideration and elaborate the replacement of items that completely fail suddenly and Staffing problems.	K1,K5
CO3	Explain the queueing models and to classify into (M/M/1:FCFS),(M/M/1:∞/FCFS),(M/M/S:/FCFS)	K4,K6
CO4	Compose network scheduling using PERT/CPM. Explain the rules of network construction.Make use of PERT calculation.	K2,K3
CO5	Analyse and solve inventory control problems.	K5,K6

4. K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

CO-PSO mapping (Course Articulation Method)

PSOs COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	2	3
CO2	2	1	3	2	1
CO3	2	1	2	2	2
CO4	2	2	2	2	1
CO5	1	2	1	1	3
Total contribution of COs to PSOs	9	9	11	9	10
Weighted Percentage of COs contribution to PSOs	60	60	73.33	60	66.67

Course Content:

UNIT–1: Games and Strategies: Two Person Zero sum Games – The Maximin – Minimax Principle –Games without Saddle Points – Mixed Strategies – Graphical Solution of 2xn and mx2 games–Dominance Property.

UNIT–2: Replacement of items that deteriorate with time – replace montage of a machine taking moneyvalue into consideration – replacement of items that completely fail suddenly and StaffingProblems.

UNIT–3: Queueingmodels:Generalconceptanddefinitions–characteristics–propertiesof PoissonprocessModels(M/M/1:/FCFS),(M/M/1:∞/FCFS),(M/M/S:/FCFS).

UNIT–4: Networks Scheduling by PERT/CPM: Network and basic components– Rules of Network Construction– Time Calculation in network–Critical Path Method– PERT Calculation.

UNIT–V: Inventory Control :Introduction–Types of Inventories–Inventory decisions–Deterministic inventory Problem–EOQ problems without shortages**.**

TextBook:

KantiSwarup,P.K.GuptaandManmohan–OperationsResearch–SultanChand&Sons– 2006,12thEdition.

Books for Reference:
1. Gupta.P.KandD.S.Hira–OperationsResearch–S.Chand&sons–VIIEdition..
2. B.J.RanganathandA.S.Srikantappa–OperationsResearch,YesDeePublishingHouse,Chennai(2017).
3. Hillier,F.S.andG.J.Lieberman– Introduction to Operations Research, 9th Ed., TataMcGrawHill,Singapore,2009.
4. HamdyA.Taha,-OperationsResearch,AnIntroduction,8thEd.,Prentice–HallIndia,2006.
5. Hadley.G.-LinearProgramming,NarosaPublishingHouse,NewDelhi,2002.

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம
திருநெல்வேலி.

SCHEME OF SYLLABUS
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To Provide Quality Education to reach the un-reached

Mission of the University

- To conduct research teaching and out reach programmes to improve condtions of human living
- To create an academic environment that honours women and men of all races,caste,creed,cultures, and atmosphere that values intellectual curiosity, pursuit of knowledge, academic freedom and integrity.
- To offer a wide vareity of off-campus educational and training programs, including the use of information technology, to individuals and groups.
- To develop partnership with industries and government so as to improve the quality of the work place and to serve as catalyst for economic and cultural development
- To provide quality/inclusive education ,especially for rural and un-reached segments of economicly downtrodden students including women, socially oppressed and differently abled.

DEPARTMENT OF TAMIL LITERATURE

VISION

உலகின் தொன்மையான மொழிகளில் மிக முக்கியமான மொழியாக இருப்பதோடு உலகெங்கும் பரவியுள்ள தமிழர்களையும் தன்னகத்தே கொண்டுள்ளது தமிழ் மொழி. இத்தகைய சிறப்புடைய தமிழ்மொழியின் இலக்கிய, இலக்கண மரபுகளையும், பண்பாட்டு, வரலாற்றுச் சிறப்புகளையும் நவீனத் தொழில்நுட்பங்கள்வழி நுட்பமாகக் கற்று இன்றைய உலகமயமாதல் சூழலில் சமூகப் பொறுப்புணர்வுடன் பங்காற்றும் அறிவுசார் இளைய சமுதாயத்தை உருவாக்குதல்.

MISSION

மாணவர்கள் நவீனத் தொழில்நுட்பங்களைக் கற்றுப் பயன்படுத்த தமிழ்க் கணினியியல் சான்றிதழ்ப் படிப்பு, தமிழகக் கலைகள் பற்றிய முழுமையான புரிதலைப் பெற நாட்டுப்புறக் கலைகள் குறித்த பட்டயப் படிப்பு, வரலாற்று, பண்பாட்டுச் சிறப்பை உணர்ந்து உந்துதல் பெற தமிழகம் தழுவிய அளவில் கள ஆய்வு, ஆய்வறிஞர்களின் ஆய்வுரைகளையும் அனுபவங்களையும் கேட்டுச் செம்மைப்படுத்திக்கொள்ள வருடந்தோறும் தேர்ந்த புலமையாளர்களைக் கொண்ட பயிலரங்கம், தேசிய/ பன்னாட்டளவிலான கருத்தரங்கம்/ மாநாடு, பன்முகப் புலங்களையும் அறிமுகப்படுத்துவதன்வழி தங்களுக்கான துறையைத் தேர்ந்தெடுக்க உதவியாக மாதந்தோறும் குறிப்பிட்ட துறையில் புலமை பெற்ற பயிற்றுநர்களைக் கொண்டு மாணவர்களுக்குப் பயிற்சி அளிக்கவும் மாணவர்கள் தங்கள் தனிதிறமைகளை, ஆளுமைப் பண்புகளை வெளிப்படுத்தவும் உதவும் வகையில் செந்தமிழ்க்கூடல் நிகழ்வு, மாதந்தோறும் தமிழியலின் பல்வகைப் பரிமாணங்கள் குறித்த ஆசிரியரின் உரையும், ஆசிரியர் - மாணவர் விவாதங்களையும் கொண்ட தமிழ்த்தேன் நிகழ்வு, பிற இடங்களில் நிகழும் பயிலரங்கம், பேச்சுப்போட்டி, பாட்டுப்போட்டி போன்ற பல்வகை நிகழ்வுகளிலும் கலந்துகொள்ள வைத்தல், பாடத்திட்டத்தை தாண்டிய சமூக சேவைகளைச் செய்ய மாணவர்களை ஊக்கப்படுத்தல், வேலைவாய்ப்பு தொடர்பான போட்டித் தேர்வுகளுக்காக மாணவர்களைப் பயிற்றுவித்தல் போன்ற செயல்களில் தமிழ் இலக்கியத்துறை தொடர்ந்து வினையாற்றி வருகிறது.

தமிழ் இலக்கியத்துறை

மாணவர் சேர்க்கைக்கான தகுதி

- இளங்கலை தமிழ் பாடப் பிரிவில் சேர விரும்பும் மாணவர்கள் தமிழை மொழிப் பாடமாகப் படித்து அதில் தேர்ச்சி பெற்றிருக்க வேண்டும்.
- கால அளவு இரண்டு பருவங்கள் வீதம் மூன்று ஆண்டுகளுக்கு ஆறு பருவங்கள் சேர்ந்து பயில வேண்டும்
- ஒவ்வொரு பருவத்துக்கும் குறைந்தது 90 நாட்கள் ஆகும்

பாடத்திட்டம்

- சங்கத்தமிழ் முதல் சமகால தமிழ் வரை அனைத்து வகை இலக்கியங்கள் 5 இலக்கண வகைகள் தமிழ் மொழி மற்றும் தமிழக வரலாறு, பண்பாடு, மொழியியல், கோயிற்கலை, இதழியல், நாட்டுப்புறவியல் மொழிபெயர்ப்பு இணைய வகை தொடர்பான இலக்கியங்களை உருவாக்குதல், பன்முகத் தன்மையுடன் பல்வேறு பரிமாணங்களை மாணவர்கள் கற்றுப் பயன் பெறவும் வேலைக்குச் செல்லப் பயன்படும் பாடத்திட்டம் உருவாக்கப்பட்டுள்ளது.
- தமிழ் இலக்கியம் பயிலும் மாணவர்கள் வேலைவாய்ப்பு பெறும் வகையில் முதன்மை பாடங்களும் சார்புப் பாடங்களும் விருப்பப் பாடங்களும் தேர்வு செய்யப்பட்டு பாடத்திட்டம் வகுக்கப்பட்டுள்ளது

பட்டம் பெறத் தகுதி

- ஒரு மாணவர் மூன்று ஆண்டுகள் தொடர்ந்து முறையாகக் கல்லூரியில் பயின்று அனைத்துப் பாடங்களிலும் தேர்ச்சி பெற்று 143 புள்ளிகளைப் பெற்றால் பட்டம் பெறத் தகுதி உடையவர் ஆவார்.

MISSION

M1	கல்வி & வேலைவாய்ப்பு சார்ந்து பயிற்சியளித்தல்
M2	மாணவர்களின் திறன்கள் & ஆளுமைப் பண்புகள் வளர்வதற்கான சூழலை உருவாக்கல்.
M3	திறமையும் சமூகப் பொறுப்புணர்வும் கொண்ட மாணவர்களை உருவாக்கும் வகையில் பாடத்திட்டத்தையும் பயிற்றுமுறையையும் கட்டமைத்தல்.

PROGRAM EDUCATION OBJECTIVES (PEOs)

PEO1	அறிவாற்றல், மொழியாற்றல் மூலம் ஆசிரியராக, வழக்கறிஞராகப் பணியாற்றல்
PEO2	போட்டித்தேர்வுகள் மூலம் அரசுவேலை, தேர்ச்சி பெற்றிருத்தல்
PEO3	கலைத்துறையில் வெற்றிகரமாகப் பயணித்தல்
PEO4	முதுகலைப் படிப்பை வெற்றிகரமாக முடித்தல், ஆய்வாளராகத் தொடர்தல்
PEO5	ஆளுமைப் பண்புகள்வழி சுயதொழில் தொடங்குதல்.

PEO TO MISSION STATEMENT MAPPING

MISSION STATEMENTS	PEO1	PEO2	PEO3	PEO4	PEO5
M1	3	3	2	3	2
M2	2	2	3	3	3
M3	3	3	3	2	3

CORRELATION: 3- STRONG   2- MEDIUM   1- LOW

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PROGRAM OUTCOMES (PO) IN RELATION TO GRADUATE ATTRIBUTES

PROGRAMME OUTCOMES

இளங்கலைத் தமிழ் பயின்று முடித்த மாணவர்கள் பின்வரும் செயல்களைச் செய்யும் ஆற்றல்களைப் பெற்றிருப்பர்.

S.NO	GRADUATE ATTRIBUTES	PROGRAMME OUTCOMES
1.	அறிவாற்றல்	தமிழ் மொழி, இலக்கியம், இலக்கணம், மொழியியல், பண்பாடு, வரலாறு சார்ந்த அறிவையும் ஆற்றலையும் மாணவர்களிடையே வளர்த்தல். (PO1)
2.	மொழியாற்றல்	தான் கூற விரும்பும் கருத்துகளை இனிமையும், நயமும் சேர பிறர் ஏற்றுக்கொள்ளும் வகையில் பிழையில்லாமல் தேர்ந்த பேச்சு / எழுத்துகள்வழிக் கூறும் ஆற்றலை வளர்த்தல். (PO2)
3.	போட்டித் தேர்வுகள்	TNPSC, UPSC, TRB, TET போன்ற போட்டித் தேர்வுகளில் கலந்துகொண்டு வெற்றிபெறும் வகையில் தயார்படுத்தல். (PO3)
4.	படைப்பாற்றல்	படைப்பாற்றல், திறனாய்வுப் பண்புகள் நிறைந்தவர்களாக உருவாகுதல். (PO4)
5.	ஆளுமைப் பண்பு	பாடத்திட்டம் சார்ந்த பல்வேறு நிகழ்ச்சிகள் & போட்டிகள் வாயிலாக மாணவர்களின் திறன்களையும் ஆளுமைத் திறன்களையும் கண்டறிந்து வளர்த்தல். (PO5)
6.	அறம், பக்தி & சமூகப் பொறுப்பு	பாடத்திட்டத்தில் உள்ள அறம், பக்தி, இயற்கைப் பாதுகாப்பு சார்ந்த உணர்வுகளைத் தங்கள் வாழ்க்கையில் பயன்படுத்தல். (PO6)
7.	கற்றல் வேட்கை	தமிழின் தனிச்சிறப்பை / அடையாளத்தை / சுவையை / கற்பதன் மூலம் கற்றல் வேட்கை உருவாகி ஆய்வாளர், ஊடகவியலாளர், படைப்பாளர் எனப் பல தளங்களில் இயங்குதல். (PO7)

8.	நவீனக் காலத்துக்குத் தயாராதல்	சங்கத் தமிழைக் கற்பதோடு இக்காலத் தமிழையும் இணையத் தமிழையும் தன் வாழ்வில் பயன்படுத்தும் ஆற்றலைப் பெறுதல். (PO8)

Mapping of POs TO PEOs

PEO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
PEO 1	3	3	3	3	3	3	3	3
PEO 2	3	3	3	2	2	2	3	3
PEO 3	2	2	2	3	3	3	2	3
PEO 4	3	3	3	3	3	2	3	3
PEO 5	2	2	3	2	3	3	2	3

3-Strong Correlation   2- Medium Correlation   1- Low Correlation

PROGRAM SPECIFIC OUTCOMES

PSO 1: அறிவாற்றல், மொழியாற்றல் மூலம் ஆசிரியராக, வழக்கறிஞராகப் பணியாற்றல்.

PSO 2: போட்டித் தேர்வுகள்வழி அரசுப்பணி / தேர்வுகளில் தேர்ச்சிப் பெறுதல்.

PSO 3: கலைத்துறையில் வெற்றிகரமாகப் பயணித்தல்.

PSO4: பகுப்பாய்வு செய்யும் திறன்மூலம் ஊடகவியலாளராக / ஆய்வாளராகப் பணியாற்றல்.

PSO 5: தனது ஆளுமைப் பண்புகள் மூலம் சுயதொழில் தொடங்குதல்.

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MANONMANAIAM SUDARANAR UNIVERSITY
TIRUNELVELI -12.
B.A Tamil

(Affiliated Colleges)

(with effect from the academic year 2021-2022 onwards)

Sl.No	Sub. Status	Title of the paper	Contact hrs / week	Credits
SEMESTER – I				
1.	Language	Tamil / Other Language	6	4
2	Language	Communicative English	6	4
3	Core -I	Illakkanam Nanool Ezhuthathikaram	6	4
4	Add on Major (Compulsory) Core - II	Professional English for Arts and Social Sciences - I	6	4
5.	Allied -1	Nattuppuraviyal I	4	3
6.	Common	Environmental studies	2	2
	SEMESTER - II			
7	Language	Tamil / Other Language	6	4
8	Languagae	English	6	4
9	Core III	Illakkanam Nanool Sollathikaram	6	4
10	Add on Major (Compulsory) Core - IV	Professional English for Arts and Social Sciences - II		
11	Allied-II	Nattuppuraviyal II	4	3
12	Common	ValueBasedEducation/ சமூக ஒழுக்கங்களும் பண்பாட்டு விழுமியங்களும் Social Harmony	2	2

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம், திருநெல்வேலி

முதலாமாண்டு

இளங்கலை - தமிழ் - பாடத்திட்டம்

L	T	P	O
4	0	0	4

முதற்பருவம்

இலக்கணம் - நன்னூல் - எழுத்ததிகாரம்

(பொதுப்பாயிரம், சிறப்புப்பாயிரம் நீங்கலாக)

Course outcomes: At the end of the course, the Student will be able to

CO1: எழுத்துக்களின் பிறப்பு அதன் நிலைகள் போலி முதலியன பற்றி அறிதல்

CO2: பதங்களின் வகைகள் மற்றும் வடமொழியாக்கம் குறித்து தெரிந்து கொள்ளுதல்

CO3: பொதுப்புணர்ச்சி உயிரீற்றுப் புணர்ச்சி மற்றும் ஈற்றுச் சிறப்பு விதிகளை அறிதல்

CO4: மெய்யீற்றுப்புணர்ச்சி யகர. ரகர ழகர ஈற்றுத் திரிபுகள் சிறப்பு விதிகளை அறிதல்

CO5: உருபுப் புணரியல் பொதுச் சாரியைகள் உருபுப் புணர்ச்சி சிறப்பு விதிகளை அறிதல்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	2	3	3	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

நோக்கம் : தமிழ் இலக்கிய மாணவர்கள் எழுத்திலக்கண அறிவுபெறுதல் எழுத்து பிறக்கும் முறைகளை, இடங்களை உணர்தல்,எழுத்துகளை வகைப்படுத்துதல் பகுபதம், பகாபதம் அறிதல், நிலைமொழி - வருமொழிப் புணர்ச்சி, உருபுப்புணர்ச்சி முதலான எழுத்துகளின் இலக்கண அறிவு பெறுதல்.

அலகு - 1   12 மணிநேரம்

எழுத்தியல், எண் - பெயர் - முறை - பிறப்பு - உருவம் - மாத்திரை - முதனிலை - இறுதிநிலை - இடைநிலையாக்கம் -போலி

அலகு -2   12 மணிநேரம்

பதவியல், பகுபதம் - பகாபதம் - பகுதி - இடைநிலை - விகுதி - வடமொழியாக்கம்

அலகு -3   11 மணி நேரம்

உயிரீற்றுப்புணரியல். பொதுப்புணர்ச்சி - உயிரீற்றுப் புணர்ச்சி - ஊகார ஏகார - ஐகார ஈற்றுச் சிறப்பு விதிகள்

அலகு -4   14 மணி நேரம்

மெய்யீற்றுப்புணரியல். மெய்யீற்றின்முன் உயிர் - மெய்முன் உயிர் - ணகர, னகரஈறு –மகரஈறு - யகர, ரகர, ழகர,ஈறுகள் -லகர எகர ஈறு - வருமொழி ரகர, நகரத்திரிபு.

அலகு-5   11 மணிநேரம்

உருப்புணரியல் , எட்டு உருபுகள் சாரும் இடவகை - வேற்றுமை உருபுகள் - நிலைமொழி வருமொழியோடு உருபுகள் புணர்தல் -பொதுச் சாரியைகள் - உருபுப்புணர்ச்சிக்குச் சிறப்பு விதி

பாடநூல் - நன்னூல் - எழுத்ததிகாரம்

கழக வெளியீடு

SEMESTER-1/ALLIED-I

முதலாமாண்டு

முதற்பருவம்

L	T	P	O
3	2	0	4

துணைமைப்பாடம்

நாட்டுப்புறவியல் - I

Course outcomes: At the end of the course, the Student will be able to

CO1: நாட்டுப்புறவியல் விளக்கம் கோட்பாடுகள் ஆகியவற்றை வகைப்பாடுகளுடன் அறிந்து கொள்வர்

CO2: நாட்டுப்புறப் பாடல் மற்றும் அவற்றின் வகைப்பாடுகளை விளங்கிக் கொள்வர்.

CO3: கதைப்பாடல்களின் தோற்றமும் வளர்ச்சியும் பற்றி அறிந்து கொள்வர்

CO4: பழமொழிகள் விடுகதைகள் குறித்த விளக்கமும் வகைகளும் அறிந்து கொள்வர்

CO5: புராணக் கதைகள் வகைகள் இவை பற்றிய ஆய்வுகள் தொடர்பாக அறிவர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	3	3	3	3	2	3	2
CO 2	3	3	3	3	3	3	3	2	3	3	3	3	3
CO 3	3	2	3	3	2	2	3	3	3	2	2	3	2
CO 4	3	3	3	2	3	2	3	2	2	3	3	3	2
CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 6	3	3	3	3	2	3	3	3	3	3	2	3	2

நோக்கம் : நாட்டுப்புறவியலைப் பற்றி அறியச் செய்தல்

பயன் : மக்களின் வாழ்க்கை முறைகளையும், பண்பாட்டையும், நாட்டுப்புற இலக்கியங்கள்வழி அறிந்து கொள்ளுதல் நாட்டார் இலக்கியங்களைத் தொகுக்கவும், அவற்றைப் பாதுகாக்கவும் ஆர்வத்தை ஏற்படுத்துதல்.

அலகு - 1   10 மணிநேரம்

நாட்டுப்புறவியல் விளக்கம் - வகைப்பாடு - நாட்டுப்புற இயலும் பிறஇயலும் - நாட்டுப்புறவியல் கோட்பாடுகள் - வரலாற்றுப் புவியியல் கோட்பாடு வரலாற்று மீட்டெருவாக்கக் கோட்பாடு, அமைப்பியல் கோட்பாடு, உளவியல் கோட்பாடு

அலகு -2   5 மணிநேரம் (4L + 1T)

நாட்டுப்புறப்பாடல்கள் வகைப்பாடு தாலாட்டுப்பாடல்கள், குழந்தைப்பாடல்கள், காதற்பாடல்கள், தொழிற்பாடல்கள், கொண்டாட்டப்பாடல்கள், ஒப்பாரிப்பாடல்கள்

அலகு -3   10 மணி நேரம்

நாட்டுப்புறக்கதைகள் வகைப்பாடு. நாட்டுப்புறக் கதைப்பாடல்கள் - தமிழகக் கதைப்பாடலின் தோற்றமும் வளர்ச்சியும் - மரபும்தன்மையும் - கதைப்பாடல் - கதைப்பாடலின் மூலம் அறியலாகும் செய்திகள்.

அலகு -4   10 மணிநேரம்

பழமொழிகள் - வகைப்பாடு - பழமொழியின் தன்மை - அமைப்பு கருப்பொருள், நடையியல் ஆய்வு - பழமொழியும் தமிழ்இலக்கியங்களும் விடுகதைகள்: விளக்கம் - வகைகள், சூழல், கருப்பொருள், நடையியல் ஆய்வு - பழமொழிக்கும் விடுகதைக்கும்இடையேயுள்ள வேறுபாடுகள்

அலகு -5

புராணக்கதைகள் : விளக்கம் - புராணக்கதை ஆய்வு - தமிழ்ப்புராணக்கதை வகைகள்

பாடநூல்

நாட்டுப்புற இயல் ஆய்வு

டாக்டர் சு.சக்திவேல்

மணிவாசகர் பதிப்பகம்,

8.∵7 சிங்கர் தெரு, பாரிமுனை, சென்னை - 600 108

பார்வை நூல்கள்

1   நாட்டுப்புற இயல்

     டாக்டர் ஆறு.இராமநாதன்˙

     மணிவாசகர் பதிப்பகம், சென்னை

2.   நாட்டார் வழக்காற்றியல் சில அடிப்படைகள்

     டாக்டர் தே.லூர்து

     நாட்டார் வழக்காற்றியல் ஆய்வு மையம்

     தூய சவேரியார் தன்னாட்சிக் கல்லூரி

     பாளையங்கோட்டை - 627 002,

குறிப்பு

சரியான விடையைத் தேர்வு செய்யும் வினா பாடநூலிலிருந்து மட்டும் கேட்கப்பட வேண்டும்.

இளங்கலை - தமிழ் - பாடத்திட்டம்

பருவம் - இரண்டு

L	T	P	O
4	0	0	4

இலக்கணம் - நன்னூல் - சொல்லதிகாரம்

Course outcomes: At the end of the course, the Student will be able to

CO1: சொல்லின் பொது இலக்கணம் மூவகை மொழிகள் மூவிடங்கள் பெயர்ச்சொல் இருதிணைப் பெயர்கள் ஆகுபெயர் பற்றி அறிந்து கொள்வர்.

CO2: வேற்றுமைகள் அதற்குரிய உருபுகள் வினைமுற்றுகள் குறித்து தெரிந்து கொள்வர்

CO3: வினையெச்சம் வினைகுறிப்பு தொடர்மொழிகள் அவற்றின் விளக்கங்களை அறிந்து கொள்வர்.

CO4: வழு வழுவமைதி வகைகள் வழக்குகள் பொருள்கோள் வகைகள் குறித்து அறிந்து கொள்வர்

CO5: இடைச்சொல்லின் பொதுஇலக்கணம் இடைச்சொற்கள் அதன் வகைகள் உரிச்சொல்லின் பொதுஇலக்கணம் உரிப்பொருள் உரிச்சொற்களின் வகைகள் பற்றி அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	3	3	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	3	3	3	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

நோக்கம் :

1, தெளிவான தமிழில் பேசவும் எழுதவும் பயிற்சி அளித்தல்

2 மொழியின் பொதுத்தன்மைகளையும் சிறப்புத்தன்மைகளையும் அறிந்து கொள்ளல்

3. மொழிநூல் அறிவோடு தமிழ்ச்சொல் அமைப்புகளைப் பயன்படுத்தும் முறைகளைத் தெரிந்து கொள்ள உதவுதல்

இயல் - 1

பெயரியல் : சொல்லின் பொது இலக்கணம் - மூவகை மொழிகள் - இருதிணைகள் - மூவிடங்கள் - வழக்கு - செய்யுள் - சொல்லின் வகைகள் - பெயர்ச்சொல் - உயர்திணைப் பெயர்கள் - அஃறிணைப் பெயர்கள் - இருதிணைப் பொதுப்பெயர்கள் - ஆகுபெயர்

இயல் -2

வேற்றுமையியல் : வேற்றுமை - பெயர் வேற்றுமை - இரண்டாம் வேற்றுமை முதல் ஏழாம் வேற்றுமை வரை - வேற்றுமைகளுக்குரிய உறுப்புகள் வினையியல் - வினைச்சொல் : தெரிநிலை, குறிப்புநிலை வினைச்சொற்கள் - வினைமுற்று : தெரிநிலை வினைமுற்றின் பாகுபாடு -ஐம்பால் வினைமுற்றுகள் - இருதிணைப் பொதுவினை - தன்மை, முன்னிலை வினைமுற்றுகள் - வியங்கோள் வினைமுற்று - குறிப்புவினைமுற்று

இயல் -3

பெயரெச்சம் - வினையெச்சம் - வினையெச்ச வகைபாடுகள் - வினைக்குறிப்பு - செய்யும் என்னும் வினைமுற்றுபொதுவியல்: ஒன்றொழி பொதுச்சொல் - இடைப்பிறவரல் - எச்சங்களின் முடிவு - தொடர்மொழிகள் - தொகைநிலைத்தொடர்மொழிகள் - தொகாநிலை தொடர்மொழிகள்ரூ அவற்றின் விளக்கங்கள்

இயல் -4

பொதுவியல் : வழு - வழுவமைதி - வகைகள் - காலம் - காலவழுவமைதி - அறுவகை வினா - எண்வகை விடைகள் - மரபுவழாநிலை - மரபு வழுவமைதிகள் - இயற்பெயர் வருமிடம் - அடுக்குத்தொடர் - வழக்குகள் - மரபு வழுவாமல் காத்தலும் மரபு வழுமைதியும் - பொருள்கோள் - வகைகள் (ஆற்றுநீர் பொருள்கோள் முதல் அடிமறிமாற்றுப் பொருள்கோள் வரை)

இயல் -5

இடையியல் : இடைச்சொல்லின் பொது இலக்கணம் - இடைச்சொல்லின் பொருள்கள் - ஏகார, ஓகார, என, என்று ஆகியஇடைச்சொற்கள் - உம்மை, எண்ணிடை, தில், மன், மற்று, மற்றையது போன்றவை - கொல், ஓடு, தெய்ய, அம்ம, வியங்கோள்போன்றவை

உரியியல் : உரிச்சொல்லின் பொது இலக்கணம் - உயிர்ப்பொருள் - ஒரறிவு முதல் உயிரில்லாப் பொருள் - உயிர் மற்றும் உயிரல்பொருள்களின் குணப்பண்புகள் - ஒருகுணம் தழுவிய உரிச்சொற்கள் - பலகுணம் தழுவிய உரிச்சொற்கள்

பாடநூல்

நன்னூல் - சொல்லதிகாரம் - கழக வெளியீடு, சென்னை

பார்வை நூல்

1. ச. ஈஸ்வரன், (உ.ஆ) நன்னூல் - சொல்லதிகாரம் (காண்டிகை உரை), பாவை பதிப்பகம், சென்னை

2. சோம. இளவரசு (உ.ஆ) நன்னூல் - சொல்லதிகாரம், மணிவாசகர் பதிப்பகம், சென்னை

SEMESTER-II/ALLIED-II

முதலாமாண்டு

இரண்டாம் பருவம்

L	T	P	O
3	2	0	4

துணைமைப்பாடம்

நாட்டுப்புறவியல் - II

Course outcomes: At the end of the course, the Student will be able to

CO1: நாட்டுப்புறக்கலைகள் கைவினைக் கலைகள் வகைகள் கைவினைத் தயாரிப்புகள் பற்றி அறிந்து கொள்வர்

CO2: நாட்டுப்புற நம்பிக்கைகளும் கனவுகளும் நம்பிக்கைகளின் வகைகள் மற்றும் ஆய்வுகள் பற்றி அறிந்து கொள்வர்

CO3: நாட்டுப்புற தெய்வங்கள் வகைப்பாடுகள் மற்றும் திருவிழாக்கள் குறித்து அறிந்து கொள்வர்

CO4: நாட்டுப்புற விளையாட்டுகள் மற்றும் வகைகளை அறிவர்

CO5: நாட்டுப்புற மருத்துவம், நம்பிக்கைகள் ,பழமொழிகள் ஆகியவற்றை அறிவர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	3	3	3	3	2	3	2
CO 2	3	3	3	3	3	3	3	2	3	3	3	3	3
CO 3	3	2	3	3	2	2	3	3	3	2	2	3	2
CO 4	3	3	3	2	3	2	3	2	2	3	3	3	2
CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 6	3	3	3	3	2	3	3	3	3	3	2	3	2

நோக்கம் :

நாட்டுப்புற மக்களின் கலைகளை அறிதல், நாட்டுப்புற மக்களின் வாழ்வியல் நம்பிக்கைகளையும், பொழுதுபோக்குநிகழ்வுகளையும் அறிந்து கொள்ளுதல்.

பயன் : அழிந்துவரும் கலைகளையும், மருத்துவத்தையும் காக்க முற்படுதல்

அலகு - 1   **10 மணிநேரம்**

நாட்டுப்புறக்கலைகளும் கைவினைப் பொருட்களும் நாட்டுப்புறக் கலைகளின் வகைப்பாடு - நிகழ்த்து கலைகள் - கட்டடக்கலை- கூத்து

வகைகள்,கைவினைப் பொருட்கள் - மண்பாண்டக்கலை பிற கைவினைத் தயாரிப்புகள்

அலகு -2   **4 மணி நேரம்**

நாட்டுப்புற நம்பிக்கைகள் - பண்டைத் தமிழரின் நம்பிக்கைகளும் சகுனங்களும் - நம்பிக்கைகளின் வகைகள் - நம்பிக்கைபற்றிய ஆய்வுகள்.

அலகு -3   **10 மணி நேரம்**

நாட்டுப்புறத் தெய்வங்கள் - வழிபாட்டுமுறைகள் - சிறுதெய்வ, பெருந்தெய்வ வழிபாடுகள் - நாட்டுப்புறத் தெய்வ கோவில்களின்அமைப்பு - நாட்டுப்புறத் திருவிழாக்கள் - வருடாந்திர விழாக்கள் - கோவில்விழாக்களும் சந்தைகளும்

அலகு -4   **11 மணி நேரம் (11L + 1T)**

நாட்டுப்புற விளையாட்டுகள் - விளையாட்டு பற்றிய கொள்கைகள் - விளையாட்டு : பாகுபாடு - சிறுவர் விளையாட்டுகள் -ஆடவர் விளையாட்டுகள் - மகளிர் விளையாட்டுகள்

அலகுரு 5   **10 மணி நேரம்**

நாட்டுப்புற மருத்துவம் - மந்திர சமய மருத்துவம் - இயற்கை மருத்துவம் - கிறித்தவ மீனவர் நாட்டுப்புற மருத்துவம் -காணிக்கார பழங்குடிகள் நாட்டுப்புற மருத்துவம் - நாட்டுப்புற மருத்துவ நம்பிக்கைகள் - நாட்டுப்புற மருத்துவமும் பழமொழிகளும்.

பாடநூல்
நாட்டுப்புற இயல் ஆய்வு
டாக்டர் சு.சக்திவேல்
மணிவாசகர் பதிப்பகம்,
8/7 சிங்கர் தெரு, பாரிமுனை, சென்னை ரூ 600 108

பார்வை நூற்கள்

1.   நாட்டுப்புற இயல்
      டாக்டர் ஆறு. இராமநாதன்
      மணிவாசகர் பதிப்பகம், சென்னை

2.   நாட்டார் வழக்காற்றியல் சில அடிப்படைகள்
      டாக்டர் தே.லூர்து
      நாட்டார் வழக்காற்றியல் ஆய்வு மையம்
      தூய சவேரியார் தன்னாட்சிக் கல்லூரிபாளையங்கோட்டை -   002,

2.   கொடைவிழாவும் பரண்வெட்டும்
      முனைவர் வ.ஹரிஹரன்
      தன்னனானே வெளியீடுகாவ்யா பதிப்பகம்
      டிரஸ்ட்புரம், சென்னை

குறிப்பு

சரியான விடையைத் தேர்வு செய்யும் வினாக்கள் பாடநூலிலிருந்து மட்டும்
கேட்கப்பட வேண்டும்.

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
திருநெல்வேலி.

Scheme of Syllabus

மூன்றாம் பருவம்
இளங்கலை - தமிழ் - பாடத்திட்டம்

MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI
UG - COURSES - AFFILIATED COLLEGES
B.A. - TAMIL
(Choice based credit system)
with effect from the academic Year - 2021 – 2022

Sem	Pt I/II/III /IV/V	Sub No.	Sub Status	Sub Title	Contact Hrs/ Week	L Hrs/ Week	T Hrs/ Week	P Hrs/ Week	C Credits
	I	1	Language	Tamil	6	4	2	0	4
	II	2	Language	English	6	4	2	0	4
		3	Core V	யாப்பிலக்கணம்	5	4	0	0	4
		4	Core VI	சிற்றிலக்கியம்	4	4	0	0	4
III	III	5	Allied Paper III	தலித்தியமும் பெண்ணியமும்	3	2	1	0	3
		6	Skill Based Core I	ஆக்கத்தமிழ் / நாடகவியல்	4	2	0	2	4
	IV	7	Non Major Elective I	பேச்சுக்கலை / பயன்பாட்டுத்தமிழ்	2	0	0	0	2
		8	Common - Yoga		2	0	0	0	2
			Sub - Total		32				27

SEMESTER III/ MAJOR CORE-V

மூன்றாம் பருவம்

முதன்மைப் பாடம்

L	T	P	O
3	2	0	4

இலக்கணம் - யாப்பிலக்கணம்

Course outcomes: At the end of the course, the Student will be able to

CO1:எழுத்துக்கள் அசை சீர் தளை ஆகிய இலக்கணங்களை அறிந்து கொள்வர்

CO2:அடி தொடை மற்றும் தொடை விகற்பங்களை அறிந்து கொள்ளுதல்

CO3:பாக்களுக்குரிய அடியும் ஓசையும் மற்றும் ஆசிரியப்பாவுக்குரிய வகைகளை அறிந்து கொள்ளுதல்

CO4கலிப்பா வஞ்சிப்பா மருட்பா ஆகியவற்றின் இலக்கணம் மற்றும் வகைகளை அறிதல்

CO5:ஒழிபியல் செய்திகளை தொகுத்து அறிந்து கொள்ளுதல்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	3	2	2
CO 2	3	2	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

அலகு 1

உறுப்பியல் - எழுத்துக்கள் - அசை - சீர் – தளை

அலகு 2

அடி-- தொடை-- தொடை விகற்பங்கள்

அலகு 3

செய்யுளியல்: பாக்களுக்குரிய அடியும் ஓசையும் - வெண்பா - பொது இலக்கணம் - வகைகள் இனங்கள் - ஆசிரியப்பா - பொது இலக்கணம் - வகைகள் - இனங்கள்

அலகு 4

கலிப்பா: பொது இலக்கணம்-- உறுப்புகள்-- கலிப்பாவின் வகைகள்-- இனங்கள் --வஞ்சிப்பா: பொது இலக்கணம்- வகைகள்-- இனங்கள்-- மருட்பா: பொது இலக்கணம்-- வகைகள்

அலகு 5

ஒழிபியல்: உறுப்பியல் ஒழிபு-- எழுத்து ஒழிபு இலக்கணம்--அசை ஒழிபு-சீருக்கும்தளைக்கும்ஒழிபு--அடிக்கு ஒழிபு-செய்யுளியல் ஒழிபு-- தரவு தாழிசைக்கு ஒழிபு பாக்களுக்குரிய பொது ஒழிபு (செய்யுள் உறுப்புகள்-- கூன்-- விகாரம்-- வகையுளி-- வாழ்த்து --வசை வனப்பு --பொருள்-- பொருள்கோள் --குறிப்பிசை-- ஒப்பு)

குறிப்பு

ஒழிபியலில் தொடை ஒழிபு, வண்ணம், புனைந்துரை, அடியின்றி நடப்பன, ஓர் அடியான் நடப்பன நீங்கலாக. (இப்பகுதியில் வினாக்கள் அமையக்கூடாது.)

பாடநூல்:

வேங்கடசாமி நாட்டார்,ந.மு.   யாப்பருங்கலக்காரிகை   மூலமும்
குணசாகரர்   உரையும்,
                                                     கழக வெளியீடு- சென்னை

பார்வை நூல்கள்

1	தமிழண்ணல்,	யாப்பருங்கலக்காரிகை,
		மீனாட்சி புத்தக நிலையம்,
		மதுரை.

2   மே.வி. வேணுகோபாலன்.   யாப்பருங்கலக்காரிகை,
     (ப.ஆ)   கழக வெளியீடு, சென்னை.

3.   முனைவர் கு.கருப்பசாமி, அமிதசாகரரின் யாப்பருங்கலக்காரிகை
                                              (எளிய உரை),
                                      தாமரை பப்ளிகேஷன்ஸ்(பி) லிட்,
     சென்னை.

இணையதள முகவரிகள்

1. www.thamizhkadal.com
2. www.tamilvu.org

SEMESTER III/ MAJOR CORE-VI

மூன்றாம் பருவம்

முதன்மைப் பாடம்

L	T	P	O
4	0	0	4

சிற்றிலக்கியம்

(மாற்றியமைக்கப்பட்டப் பாடத்திட்டம்)

Course outcomes : At the end of the course, the Student will be able to

CO1: அழகர் கிள்ளைவிடு தூது 160 கண்ணிகளைக் கற்று அறிவர்

CO2: அற்புதத்திருவந்தாதி மீனாட்சி அம்மை பிள்ளைத்தமிழ் பாடல்களைப் படித்து அறிந்து கொள்வர்

CO3: பரணி இலக்கியங்களில் கலிங்கத்துப்பரணியில் இந்திரசாலம் இராச பாரம்பரியம் ஆகிய பகுதிகளை அறிந்து கொள்வர்

CO4 முக்கூடற்பள்ளு குற்றாலக் குறவஞ்சி ஆகியவற்றில் தம் பாடப்பகுதியில் உள்ள பாடங்களைத் தெரிந்து கொள்வர்

CO5: திருக்கயிலாய ஞான உலா முத்தொள்ளாயிரம் ஆகியவற்றில் பாடப்பகுதியில் உள்ள பாடல்களைஅறிவர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	2	3	3	2	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	3	3	3	3	3	3	3	3	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

அலகு– 1

அழகர் கிள்ளைவிடு தூது - 1 முதல் -160 கண்ணிகள் முடிய

(ஓராயிரம் திருக்கண் வையைநதிளய்தி–முடிய)

அலகு– 2

1.அற்புதத் திருவந்தாதி– 25 பாடல்கள் 1-25

பிறந்துமொழிபயின்றமுதல்-இங்கிருந்துசொல்லுவதென் எம்பெருமான் வரை

2.மீனாட்சியம்மைப் பிள்ளைத்தமிழ்

1.செங்கீரைப்பருவம்

2.தாலப்பருவம்

அலகு– 3

        1.கலிங்கத்துப்பரணி - இந்திரஜாலம் - 25 பாடல்கள் (1-25)

        2.திருக்கோவையாா் மாணிக்கவாசகா் (1- 10) முதல் பத்துபாடல்கள் (கொளுவேண்டாம்)திருவளா் தாமரைபாடல் முதல் அளவியையாா்க்கும் பாடல் முடிய

அலகு– 4

        1.முக்கூடற்பள்ளு– 50 முதல் 80 முடிய

        (ஆற்றுவெள்ளம் - பொருநையாறு

        உதைத்துவிசைகொண்டெதிா்ந்துமுதல் -

        அழகா் திருவுளம்போல் ஆண்டவா்க்கு - முடிய)

        2.குற்றாலக் குறவஞ்சி

        சிங்கன் பறவைகள் வரவு கூறுதல் -

        வருகினும் ஐயேபறவைகள் வருகினும் ஐயேமுதல் வெள்ளைபுறாவும் சகோரமும் ஆந்தையும் - பாடல் முடிய

        பறவைகள் மேய்தலைச் சொல்லுதல்

        மேயினும் ஐயேபறவைகள் மேயினும் ஐயேமுதல்

        தானிகன் சா்க்கரைப் பண்டாரம் என்னும் பாடல் முடிய

அலகு– 5

        1.திருக்கைலாயஞானஉலா- சேரமான் பெருமாள் நாயனாா் முதல் 25 கண்ணிகள் (1-25)

        2.முத்தொள்ளாயிரம் பாடல் 1-24 சேரன் முழுவதும்

மன்னியநாள்மீன் பாடல் முதல் இந்திரன் என்னின் பாடல் முடிய

SEMESTER III/ ALLIED PAPER III

மூன்றாம் பருவம்
துணைமைப் பாடம்

L	T	P	O
4	0	0	4

தலித்தியமும் பெண்ணியமும்

Course outcomes : At the end of the course, the Student will be able to

CO1: தலித் பெண்ணியவாதம் தலித் பெண்களும் பெண் விடுதலை இயக்கங்களும் பற்றி அறிந்து கொள்வர்

CO2: தலித் இயக்கங்களில் தலித் பெண்ணியப் பார்வை, தலித் விடுதலையில் தலித் பெண்ணியப் பார்வை பற்றி அறிந்து கொள்வர்

CO3: தலித் பெண்ணியமும் சுற்றுச் சூழலும் பாமா படைப்புகளில் தலித் பெண்ணியம் பற்றி அறிந்து கொள்வர்

CO4: பெண்ணியத்தின் தோற்றமும் வளர்ச்சியும் பற்றி அறிந்து கொள்வர்

CO5: பெண்ணிய வகைகள் மற்றும் பெண்ணியக் கோட்பாட்டாளர்கள் பற்றி அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 4	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

நோக்கம்

தலித்தியமும் பெண்ணியமும் குறித்த கருத்துகளை விளக்குதலும் பல்வேறு அறிஞர்களின் பார்வைகளை எடுத்துக் கூறுதலும்.

பயன்

சமூக வரலாற்றில் தலித்தியமும் பெண்ணியமும் குறித்த வரலாற்றுச் செய்தியை மாணவர்களுக்குச் சென்றடையச் செய்தல்.

அலகு – 1

தலித் பெண்ணியவாதம் - பூங்கொடி (கட்டுரை எண்.2) தலித் பெண்களும் உளவியலும் - மார்கரெட் கலைச்செல்வி (க.எண்.5) தலித் பெண்களும் பெண் விடுதலை இயக்கங்களும் - நிர்மலா (க.எண்.7)

அலகு – 2

தலித் இயக்கங்களில் தலித் பெண்ணியப்பார்வை – ரஜினி (க.எண்.8) – தலித் பெண்கள் ஒருங்கிணைப்பு இயக்கம் - ஒரு வரலாற்றுப் பார்வை – எஃசிபா (க.எண்.9) – தலித் விடுதலையில் தலித் பெண்ணியப் பார்வை – சக்குபாய் (க.எண்.10)

அலகு – 3

தலித் பெண்ணியமும் சுற்றுச்சூழலும் - காபிரியேல் டீட்ரிச் (க.எண்.15) – ஜோதிபா பூலேயின் கருத்துகளில் தலித் பெண்ணிய விடுதலைக் கருத்துகள் - ஜோஸ்பின் மேரி (க.எண்.16) – பாமா படைப்புகளில் தலித் பெண்ணியம் - பாமா(க.எண்.18)

அலகு – 4

பெண்ணியம் - சொற்பொருள் விளக்கம் - பெண்ணியத்தின் தோற்றமும் வளர்ச்சியும் (மேலை நாட்டுப் பெண்ணியம்)

அலகு – 5

பெண்ணிய வகைகள் - பிற பெண்ணிய வகைகள் - பெண்ணியக் கோட்பாட்டாளர்கள்

குறிப்பு

1. "தலித் பெண்ணியம்" என்ற நூலில் உள்ள கட்டுரைகளின் கடைசியில் இடம்பெற்றுள்ள – விவாதம் – என்ற பகுதி நீங்கலாகப் பாடத்திட்டம் அமைகிறது.

2.	விவாதம் கேள்வி பதில் பகுதியில் இருந்து தேர்வுக்கு வினாக்கள் ஏதும் கேட்கப்படக்கூடாது.

பாடநூல்

1. அன்புக்கரசி-மோகன் லார்பீர் -	தலித் பெண்ணியம்,
   (தொகுப்பு ஆசிரியர்கள்)	வெளியீடு: தலித் ஆதார மய்யம்,
   	தமிழ்நாடு இறையியல் கல்லூரி,
   மதுரை- 16.

2. முனைவர் இரா.பிரேமா	-	பெண்ணியம்
   	தமிழ்ப் புத்தகாலயம்,
   	தி.நகர், சென்னை – 17.

இணையதள முகவரிகள்
1. https://www.seragu.com
2. https://www.tnpscthervupettagam. Com

SEMESTER III/ SKILL BASED CORE I (optional)
மூன்றாம் பருவம்
திறன்வளர் பாடம்

L	T	P	O
4	0	0	4

ஆக்கத்தமிழ்

Course outcomes : At the end of the course, the Student will be able to

CO1: மொழிநடை குறித்த பல்வேறு அறிஞர்களின் கருத்துகளை அறிந்து கொள்வர்

CO2: வல்லினம் மிகுமிடம் மிகா இடங்கள் சந்தி விகுதிகள் பற்றி அறிந்து கொள்வர்

CO3: வாக்கிய அமைப்புகளும் அமைப்பு முறைகளும் குறித்துத் தெரிந்து கொள்வர்

CO4: மரபுத்தொடர்கள் பழமொழிகள் உவமைகள் நாடகம் எழுதும் பயிற்சி பெறுவர்

CO5:நிறுத்தற்குறிகள் இடும்முறைகள் எவ்வாறு என்று கற்றுக்கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 4	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 5	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	3	3	3	3	3	2

நோக்கம்

1 மொழிநடை உரைநடை குறித்து அறிந்து கொள்ளுதல்

2 அடிப்படை வாக்கிய அமைப்புகளை முறைப்படி எழுதப் பழகுதல்

பயன்

1.மொழிநடை குறித்த அறிஞர்களின் கருத்துகளை அறிந்து கொள்ளுதல்.

2.வலிமிகல், சந்தி விகுதிகள் வாக்கிய வகைகள் பற்றிய அடிப்படை இலக்கணங்களைத் தெரிந்து கொள்ளுதல்

அலகு 1

மொழிநடை : மொழிநடை குறித்து ராஜாஜி, சூரியநாராயண சாஸ்திரியார், கருத்துகள் -- மாதிரி உரைநடைகள் - டாக்டர் சேதுப்பிள்ளை - திரு வி.க.- மு. இராகவையங்கார் --- கா.சு. பிள்ளை - மறைமலை அடிகள் - பேரறிஞர் அண்ணா - உரைநடையில் கவனிக்கவேண்டியவை - மொழிநடை பற்றிய உ.வே.சா - சூரியநாராயண சாஸ்திரியார் ஆகியோரின் கருத்துகள் (பக்கம்: 428 - 441)

அலகு 2

வலி மிகுதல் - வலி மிகுதலும் மிகாமையும் - வலிமிகும் விதிகளின் தொகுப்பு-- வலி மிகாமைக்குரிய விதிகள் - எளிய சந்தி விகுதிகள் (பக்:243 - 299) -சொற்றொடர் பிரிப்புத் தவறுகள் (பக்: 318 - 324)

அலகு 3

வாக்கிய வகைகளும் அமைப்பு முறைகளும்:. வாக்கியம் என்றால் என்ன? - வாக்கிய வகைகள் செய்தி வாக்கியம் - வினா வாக்கியம் - விழைவு வாக்கியம் - உணர்ச்சி வாக்கியம் - தனி வாக்கியம் தொடர் வாக்கியம் - தமிழ் வாக்கியத்தின் தனிச்சிறப்பு (பக்:325 - 340) - பத்தி அமைப்பு (பக்:392 - 397)

அலகு 4

மரபுத்தொடர்கள் - பழமொழிகள் - உவமைகள் (பக் 442 - 477) - கட்டுரை எழுதுதல் (பக்:423 - 427) - சிறுகதை, வாழ்க்கை வரலாறு, நகைச்சுவை இலக்கியம், நாடகம் ஆகியவை எழுதுதல் (பக்:487 - 514)

அலகு 5

நிறுத்தற்குறிகள் இடும்முறைகள்: காற்புள்ளி - அரைப்புள்ளி - முக்காற்புள்ளி - முற்றுப்புள்ளி - வினாக்குறி - உணர்ச்சிக்குறி - இரட்டை

மேற்கோள் குறி - ஒற்றை மேற்கோள் குறி - தொடர் விடுபாட்டுக்குறி- விடுகுறி - மேற்படி குறி முதலான நிறுத்தற் குறிகள் (பக்:398 - 422)

பாடநூல்

அ.கி.பரந்தாமனார்   "நல்ல தமிழ் எழுத வேண்டுமா?"
                          பாரி நிலையம், தி.நகர்., சென்னை 17

பார்வை நூல்கள்

1 கோ .இளைய பெருமாள்   தமிழில்   பிழையின்றி   எழுதுவது எப்படி?

                          வானதி பதிப்பகம் சென்னை-17

2 கா.பட்டாபிராமன்   மொழிப் பயன்பாடு
                          நியூ செஞ்சுரி புத்தக நிலையம் சென்னை.

SEMESTER III/ SKILL BASED CORE I (OPTIONAL)
மூன்றாம் பருவம்
திறன் வளர் பாடம்

L	T	P	O
3	2	0	4

நாடகவியல்

Course outcomes : At the end of the course, the Student will be able to

CO1: தமிழ் நாடகத்தின் தோற்றம் மற்றும் தொல்காப்பியர் கூறும் விளக்கம் சங்க இலக்கியங்களில் நாடகம் பற்றிய குறிப்புகளை அறிந்து கொள்வர்.

CO2: அடியார்க்கு நல்லாரின் சிலப்பதிகார உரை மூலம் அறியலாகும் சசெய்திகளை விளங்கிக் கொள்வர்.

CO3: பல்லவர் காலம் தொடங்கி அரேபியர் காலம் வரை நாடகங்களின் வளர்ச்சியை அறிந்து கொள்வர்

CO4: தெருக்கூத்து நாடகங்கள் தொடங்கி பள்ளு குறவஞ்சி நொண்டி போன்ற பல்வேறு நாடகங்களின் படிநிலைகளை அறிவர்

CO5:தமிழ் நாடகங்களின் அமைப்புகள் வகைகள் நாடக ஆசிரியர்கள் பற்றிய விவரங்களை மாணவர்கள் அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 4	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 5	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	3	3	3	3	3	2

அலகு 1:

தமிழ் நாடகத்தின் தோற்றம் -தொல்காப்பியர் கூறும் நாடக வழக்குகள்- சங்க இலக்கியங்களில் இசைவாணர்கள் பற்றிய குறிப்புகள் - நாடகம் பற்றிய குறிப்புகள் -இசைக்கருவிகள் பற்றிய குறிப்புகள்

அலகு 2:
அடியார்க்கு நல்லாரின் சிலப்பதிகார உரையால் அறியலாகும் கூத்துகள் -இசைக்கருவிகள்- நாட்டிய வகைகள்- நாடக நூல்கள்- மேடை அமைப்பு

அலகு 3:
பல்லவர் காலத்தில் - பாண்டியர் காலத்தில் - சோழர்கள் காலத்தில் -மராட்டியர் காலத்தில் - நாயக்கர் காலத்தில் - ஐரோப்பியர் காலத்தில் நாடகங்கள்

அலகு 4:
தெருக்கூத்து நாடகங்கள் -நாடகம் நாடகம் மேடை தொடக்க நிலைகள் -பள்ளு நாடகம்- குறவஞ்சி நாடகம்- நொண்டி நாடகம்- கீர்த்தனை நாடகம் ஆகியவற்றின் வரலாறும் வளர்ச்சியும்- மேடை நாடகம் - தொலைக்காட்சி நாடகம் -வானொலி நாடகம் -ஒரங்க நாடகம்

அலகு 5:
பாகவத மேளா- தமிழ் நாடகங்களின் பொது அமைப்புக் கூறுகள்- தமிழ் நாடகங்களின் வகைகள் -குறிப்பிடத்தக்க நாடக ஆசிரியர்கள்

பாடநூல்
முனைவர் ஞானம்தமிழ் நாடகக் கலையின் தோற்றமும் வளர்ச்சியும்
சீதை பதிப்பகம்
சென்னை
மூன்றாம் பதிப்பு 2020

பார்வை நூல்கள்
1. முனைவர் கே. ஏ. குணசேகரன்   நாடக அரங்கம்
நியூ செஞ்சுரி புக் ஹவுஸ்
சென்னை

2. முனைவர் சக்தி பெருமாள்   தமிழ் நாடக வரலாறு
வஞ்சிக்கோ பதிப்பகம்
சென்னை

3. முனைவர் சக்தி பெருமாள்

முனைவர் வே.சரோஜா அரங்கவியல்
காவ்யா வெளியீடு
டிரஸ்ட்புரம்
சென்னை 24

SEMESTER III/ NON MAJOR ELECTIVE-I (OPTIONAL)
மூன்றாம் பருவம்
(பிறதுறை மாணவர்களுக்கு)
துறைசாராப் பாடம்

L	T	P	O
4	0	0	4

பேச்சுக் கலை

Course outcomes : At the end of the course, the Student will be able to

CO1:பேச்சாளர் என்பவர் யார்? அவருடைய தகுதிகள் என்னென்ன? பேச்சாளரின் உள்ளமும் உரையும் மற்றும் பேச்சும் எழுத்தும் பற்றி அறிந்து கொள்வர்

CO2:பேசும் முறை, பேச்சு வகைகள் மற்றும் மேடையில் பேசும்போது பின்பற்ற வேண்டிய நெறிமுறைகள் குறித்து அறிந்து கொள்வர்

CO3:பேச்சாளரும் அவருக்கு ஏற்படும் பிரச்சனைகளும் மொழிக் கூறுகள் பற்றி அறிந்து கொள்வர்

CO4:பேச்சு மேலாண்மை என்ற ரீதியில் அறிஞர் அண்ணா கலைஞர் கி.வா.ஜ போன்ற அறிஞர்களின் உரைகள் குறித்து அறிமுகம் ஆவர்

CO5:நேரு, சுகிசிவம், வலம்புரிஜான் போன்றோரின் உரையாடல்கள் திறன் குறித்து அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	2	3	3	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	3	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	3	3	3	3	3	2

நோக்கம்:

மாணவர்களிடையே பேச்சுத் திறனை வளர்க்க வேண்டும்

அனுபவமிக்க பேச்சாளர்களை அறிமுகம் செய்ய வேண்டும்

பயன்:

வருங்காலத்தில் சிறந்த மேடைப் பேச்சாளராக மாணவர்களை உருவாக்க வேண்டும்.

பேச்சுத் திறனை வளர்க்கவும் அதில் கையாளவேண்டிய உத்திகளைக் கற்றுத்தரவும் இந்தப் பாடம் உதவ வேண்டும்

அலகு– 1:

பேச்சாளர் தகுதிகள் – நூலறிவு – ஒன்பது நன்மணிகளும் பதினெட்டு நயமெழிகளும் – பேச்சுச் சுவை – உள்ளமும் உரையும் – பேச்சும் எழுத்தும்

அலகு– 2

பேசும் முறை – அவையோர் உளவியல் – விழாக்காலப் பேச்சு வகைகள் – பேச்சாளர் பின்பற்ற வேண்டிய நெறிமுறைகள் – தவிர்க்கப்பட வேண்டியவை

அலகு– 3:

பேச்சாளருக்கு ஏற்படும் பிரச்சினைகள் – பேச்சும் அதன் மொழிக் கூறுகளும் – பேச்சு வகைகள் – பேச்சின் இடையே – ஏழு வகைச்செயல் – பேசும் வாய்ப்பு

அலகு– 4:

பேச்சு மேலாண்மை – இலக்கியத்தில் சொல்லின் செல்வன் – அறிஞர் அண்ணா – கலைவாணர் – திருவிக – அறிஞர் கி.வா. ஜெகந்நாதன் – திருமுருக கிருபானந்தவாரியார் – கவிப்பேரரசு வைரமுத்து – கு.ஞானசம்பந்தன் – கவிக்குயில் சரோஜினி தேவி.

அலகு 5:

ஜவஹர்லால் நேரு உரை – சுகிசிவம் – வலம்புரிஜான் – விவேகானந்தர் – காங்கிரசின் முதல் பெண் பேச்சாளர் – இணையவழிக் கருத்தரங்கம் – பேச்சாற்றல் தொடர்பான நூல்கள்

பாடநூல்:

முனைவர் வ.ஹரிஹரன்   "மேடைப் பேச்சும் ஒரு கலை""
                              சங்கர் பதிப்பகம்(சனவரி 2020)
                              சென்னை வெளியீடு

பார்வை நூல்கள்:

கே.வி.வீரராகவன்   பேச்சுக் கலை
                           வலம்புரி பதிப்பகம்
                           திருநின்றவூர்

முனைவர் ப.பாலசுப்பிரமணியன் வாங்க மேடையில்பேசலாம்
                           சங்கர் பதிப்பகம்(சனவரி 2020)
                           சென்னை வெளியீடு

இணையதள முகவரிகள்
1. https://www.vidhai2virutcham.com
2. http://siragu.com

PART IV SEMESTER -III/ NON MAJOR ELECTIVE – I (Optional)
மூன்றாம் பருவம்
(பிறதுறை மாணவர்களுக்கு)

துறைசாராப் பாடம்

L	T	P	O
4	0	0	4

பயன்பாட்டுத் தமிழ்

Course outcomes : At the end of the course, the Student will be able to

CO1:எழுத்து மற்றும் சொல் வகைகளை அறிந்து கொள்வோம்

CO2:அகப்பொருள், புறப்பொருள், யாப்பு உறுப்புகள் பற்றி அறிந்து கொள்வர்

CO3:அணி வகைகளைத் தகுந்த உதாரணங்களுடன் அறிந்து கொள்வர்

CO4:இலக்கணக் குறிப்புகள் வாக்கிய வகைகள் நிறுத்தற்குறிகள் பற்றி அறிந்து கொள்வர்

CO5:ஒலி உறுப்புகள் ஒலிப்பதற்குப் பயிற்சி கொடுத்தல் மற்றும் வலைத்தளங்களில் தமிழ்மொழியின் பயன்பாட்டுத் திறனை அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	3	3	3	3	2	3	2

CO 2	3	3	3	3	3	3	3	2	2	3	3	3	3
CO 3	3	2	3	3	2	3	3	3	3	2	3	3	2
CO 4	3	3	2	3	2	3	3	2	2	3	3	3	2
CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO 6	3	3	3	3	2	3	3	3	3	3	2	3	2

நோக்கம்

இலக்கணத்தைத் தெளிவாகக் கற்பித்தல், பிறப்புமுறை பிறழாது எழுத்துக்களை ஒலிப்பதற்குக் கற்றுத்தருதல்.

பயன்

இலக்கணப்பிழையின்றித் தமிழ் மொழியைப் பல்வேறு தளங்களில் கையாளுவதற்குப் பயிற்சிகொடுத்தல்.

அலகு– 1

எழுத்தின் வகைகள் - மொழி முதல், இடை, மற்றும் இறுதி எழுத்துக்கள் - ஒற்று மிகும் மிகா இடங்கள் - உடம்படுமெய்கள் - சொல்லின் பொது இலக்கணம் - சொல்லின் வகைகள் - பெயர்ச்சொல்லின் வகைகள் ஆகுபெயர், வேற்றுமைகள், வினைச்சொல்லின் வகைகள், இடைச்சொல், உரிச்சொல்.

அலகு– 2

அகப்பொருள் - புறப்பொருள் - அகத்திணைக்குரிய புறத்திணைகள் - யாப்பு – யாப்பின் உறுப்புகள் - பாவகைகள் - பாவினங்கள்.

அலகு– 3

அணி இலக்கணம் - உவமை அணி – உருவக அணி – வேற்றுமை அணி – வேற்றுப் பொருள் வைப்பணி – சொற்பொருள் பின்வரும்நிலையணி – தற்குறிப்பேற்ற அணி – வஞ்சப்புகழ்ச்சி அணி – பிறிது மொழிதல் அணி – சிலேடை அணி.

அலகு– 4

ஒர் எழுத்து ஒருமொழி - இலக்கணக் குறிப்புகள் - சொல் உருவாக்கம் - வாக்கிய வகைகள் - தொகைநிலைத் தொடர்கள் - தொகா

நிலைத் தொடர்கள் - நிறுத்தற்குறிகள்: காற்புள்ளி - அரைப்புள்ளி – முக்காற் புள்ளி – முற்றுப்புள்ளி – வினாக்குறி – உணர்ச்சிக்குறி - இரட்டை மேற்கோள் குறி – ஒற்றை மேற்கோள் குறி

அலகு– 5

எழுத்துக்கள் பிறக்கும் ஒலி உறுப்புகளைக் கூறி எழுத்துக்களை முறையாக ஒலிப்பதற்குப் பயிற்சி கொடுத்தல் - தொடர்களை ஏற்ற இறக்கங்களோடு வாசிப்பதற்குப் பயிற்சி கொடுத்தல் - பிழை இன்றி எழுதுவதற்குப் பயிற்சி கொடுத்தல் - பிறமொழிச் சொற்கள் கலப்பின்றிப் பேசவும் எழுதவும் பயிற்சி கொடுத்தல் - சமூக மற்றும் சமூக வலைத்தளங்களில் தமிழ்மொழியின் பயன்பாட்டுத்திறன் அறிதல் - கடிதங்கள் - கட்டுரைகள் - கவிதைகள் - செய்திக்குறிப்புகள் - அழைப்பிதழ்கள் எழுத பயிற்சி கொடுத்தல்.

பாடநூல்

1. முனைவர் ச.பர்வதகிருஷ்ணம்மாள் -   "நற்றமிழ் இலக்கணம்"
   தாமரை வெளியீடு,
   சென்னை.

பார்வை நூல்

1.   மருதூர் அரங்கராசன்   தவறின்றித் தமிழ் எழுத
   ஐந்திணைப் பதிப்பகம், சென்னை.

2.   கா.கோ. வேங்கடராமன்,   இலக்கண வழிகாட்டி,
   கலையக வெளியீடு, சென்னை.

3.   க.இராமச்சந்திரன்,   இனிய தமிழில் எளிய இலக்கணம்,
   குமரன் பதிப்பகம், சென்னை.

4.   முனைவர் த.கோடப்பிள்ளை,   எளிமைத் தமிழ் இலக்கணம்,
   கோடப்பிள்ளை அறக்கட்டளை,
   திருச்சி.

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
திருநெல்வேலி.

Scheme of Syllabus

நான்காம் பருவம்
இளங்கலை - தமிழ் - பாடத்திட்டம்

MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI
UG - COURSES - AFFILIATED COLLEGES
B.A. - TAMIL
(Choice based credit system)
with effect from the academic Year - 2021 – 2022

Sem	Pt I/II/III /IV/V	Sub No.	Sub Status	Sub Title	Contact Hrs/ Week	L Hrs/ Week	T Hrs/ Week	P Hrs/ Week	C Credits
	I	1	Language	Tamil	6	4	2	0	4
	II	2	Language	English	6	4	2	0	4
		3	Core VII	அணி இலக்கணம்	5	4	0	0	4
		4	Core VIII	நீதி இலக்கியம்	4	4	0	0	4
IV	III	5	Allied Paper IV	அறிவியல் தமிழ்	3	3	0	0	3
		6	Skill Based Core II	தமிழர் மருத்துவம்/ தமிழர் மெய்யியல	4	2	0	2	4
	IV	7	Non Major Elective II	தகவல் தொடர்பியல் / நூலகவியல்	2	2	0	0	2

	8	Computer for Digital Era	2	0	2	0	2
V	9	Extention Activity NCC/NSS	0	0	0	0	1
		Sub - Total	32				28

MSU / 2021-2022 / UG-COLLEGES / PART -III / B.A TAMIL / SEMESTER IV / CORE-VII
Semester IV/ Core – VII
நான்காம் பருவம்
முதன்மைப்பாடம்

L	T	P	O
3	2	0	4

இலக்கணம் - அணி இலக்கணம்

Course outcomes : At the end of the course, the Student will be able to

CO1:பொருள் அணியியல் செய்யுள் வகை செய்யுள் நெறி பற்றி அறிந்து கொள்வர்

CO2:தன்மையணி உருவக அணி தீவக அணி பின்வருநிலையணி ஆகியவை பற்றி அறிந்து கொள்வர்

CO3:முன்னவிலக்கணி வேற்றுமைப் பொருள் வைப்பணி வேற்றுமை அணி மற்றும் அதன் வகைகளைப் புரிந்து கொள்வர்

CO4:இலேச அணி நிரல்நிறை அணி சிலேடை அணி விளக்கமும் வகைகளும் அறிந்து கொள்வர்

CO5:விசேட அணி விரோத அணி நிதர்சன அணி வாழ்த்து அணி முதலிய அணிகளும் அவற்றின் வகைகளும் பற்றிப் புரிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	3	2	3	3	3	2	2
CO 2	3	3	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

அலகு- 1

பொருளணியியல்: செய்யுள் வகை --செய்யுள் நெறி

அலகு- 2

பொருளணியியல்: தன்மை அணி:

வகைகள் - பொருள் தன்மை, குணத் தன்மை, சாதித் தன்மை, தொழில் தன்மை (நான்கு மட்டும்)

உவமையணி:

வகைகள் - விரி உவமை, தொகை உவமை, இதரவிதர உவமை, சமுச்சய உவமை, உண்மை உவமை (ஐந்து மட்டும்)

உருவக அணி:

வகைகள் - தொகை உருவகம், விரி உருவகம், தொகைவிரி உருவகம், இயைபு உருவகம் (நான்கு மட்டும்)

தீவக அணி

வகைகள் - முதல் நிலை குணத்தீவகம், முதல் நிலை தொழில் தீவகம், முதல்நிலை சாதித் தீவகம், முதல் நிலைப் பொருள் தீவகம் (நான்கு மட்டும்)

பின்வருநிலை அணி

வகைகள் - சொற் பின்வருநிலை, பொருள் பின்வருநிலை, சொற்பொருள் பின்வருநிலை, உவமைப் பொருட் பின்வருநிலை (நான்கு மட்டும்)

அலகு 3:

முன்னவிலக்கணி:

வகைகள் - பொருள் விலக்கு, குணவிலக்கு, காரண விலக்கு, காரிய விலக்கு (நான்கு மட்டும்)

வேற்றுமைப் பொருள் வைப்பணி:

வகைகள் - முழுவதும் சேரல், ஒரு வழிச்சேரல், முரணித் தோன்றல், சிலேடையில் முடித்தல் (நான்கு மட்டும்)

வேற்றுமை அணி - விபாவனை அணி - ஒட்டணி - அதிசய அணி - தற்குறிப்பேற்றணி - ஏது அணி - நுட்ப அணி

அலகு 4:

இலேச அணி - புகழ்வது போலப் பழித்தல், பழிப்பது போலப் புகழ்தல்

(இரண்டு மட்டும்)

நிரல்நிறை அணி - ஆர்வ மொழி அணி - சுவையணி - தன்மேம்பாட்டுரை அணி - பரியாய அணி - சமாயித அணி - உதாத்த அணி - அவநுதியணி

சிலேடையணி - செம்மொழிச் சிலேடை, பிரிமொழிச் சிலேடை (இரண்டு மட்டும்)

அலகு 5

விசேட அணி - ஒப்புமைக் கூட்ட அணி - விரோதஅணி - மாறுபடு புகழ்நிலையணி - புகழாப்புகழ்ச்சி அணி - நிதர்சன அணி - புணர்நிலையணி - பரிவர்த்தனை அணி -- வாழ்த்து அணி - சங்கீரணவணி - பாவிக அணி

பாடநூல்:

சுப்பிரமணிய தேசிகர்   தண்டியலங்காரம்

உரையாசிரியர்   சைவ சித்தாந்த நூற்பதிப்புக் கழகம், சென்னை

பார்வை நூல் :

வ.த.இராமசுப்பிரமணியம்   தண்டியலங்காரம், முல்லை நிலையம், சென்னை.

SEMESTER IV/ MAJOR CORE VIII

நான்காம் பருவம்
முதன்மைப் பாடம்

L	T	P	O
3	2	0	4

நீதி இலக்கியம்

Course outcomes : At the end of the course, the Student will be able to

CO1: திருக்குறள் 10-19 அதிகாரங்கள் குறித்து அறிந்து கொள்வர்

CO2::அறன் வலியுறுத்தல், நாலடியார் ,நான்மணிக்கடிகை, திரிகடுகம் பாடல் பொருள் அறிந்து கொள்வர்.

CO3: இனியவை நாற்பது இன்னா நாற்பது சிறுபஞ்சமூலம் ஆகியவற்றில் பாடப்பகுதியில் உள்ள நீதிக் கருத்துக்களை அறிந்து கொள்வர்.

CO4:முதுமொழிக்காஞ்சி அறிவு பத்து பழமொழிநானூறு நன்னெறி பாடப்பகுதியில் உள்ள பாடல்களைப் புரிந்து கொள்வர்.

CO5:நீதிநெறி விளக்கம் உலகநீதி நல்வழி பாடல்களை உணர்ந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	3	2	3	3	3	2	2
CO 2	3	3	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2

CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

பாட நோக்கம்:

நீதி இலக்கியங்கள் உணர்த்தும் நீதிக்கருத்துக்களை அறிமுகம் செய்வதின் மூலம் மாணவர்களுக்கு நீதிக்கோட்பாடுகளை வலியுறுத்துதல்.

பயன்

நீதிக்கோட்பாடுகளை மாணவர்கள் அறிந்து கொள்ளுதல்

அலகு -1

திருக்குறள் - 10 அதிகாரங்கள் (10-19)

அலகு - 2

நாலடியார் - அறன் வலியுறுத்தல் (10பாடல்கள்)

நான்மணிக்கடிகை - 10 பாடல்கள் (41 - 50)

திரிகடுகம் - 10 பாடல்கள் (61 - 70)

அலகு -3

இனியவை நாற்பது - 10 பாடல்கள் (1 - 10)

இன்னா நாற்பது - 10 பாடல்கள் (11 - 20)

சிறுபஞ்சமூலம் - 10 பாடல்கள் (51 - 60)

அலகு - 4

முதுமொழிக்காஞ்சி - அறிவுப்பத்து

பழமொழி நானூறு - 13 பாடல்கள் (149 - 161)

நன்னெறி - 10 பாடல்கள் (11-20)

அலகு - 5

நீதிநெறி விளக்கம் - 10 பாடல்கள் (21 - 30)

உலகநீதி - முழுவதும் 13 பாடல்கள் (1 - 13)

நல்வழி - 10 பாடல்கள் (2 - 11)

பாடநூல்கள்

1. திருக்குறள்

2. நாலடியார்

3. நான்மணிக்கடிகை

4. திரிகடுகம்

5. இன்னா நாற்பது

6. இனியவை நாற்பது

7. சிறுபஞ்சமூலம்

8. பழமொழி நானூறு

9. முதுமொழிக்காஞ்சி

10. நன்னெறி

11. நீதிநெறி விளக்கம்

11. உலகநீதி

12. நல்வழி

13. நீதிக் களஞ்சியம்,

கோ.பெ.நா.,

நியூ செஞ்சுரி புக் ஹவுஸ் வெளியீடு.

(கழக வெளியீட்டில் உள்ளபடி பாடல் எண்கள் தரப்பட்டுள்ளன.)

SEMESTER IV/ ALLIED PAPER - IV

நான்காம் பருவம்
துணைமைப்பாடம்

L	T	P	O
4	0	0	4

அறிவியல் தமிழ்

Course outcomes : At the end of the course, the Student will be able to

CO1:   அறிவியல் தமிழ் பொருள் விளக்கம் தமிழரின் மரபுசார் அறிவியல் தொழில்நுட்பம் பற்றி அறிந்து கொள்வர்

CO2: அறிவியல் தமிழ்க் கல்வி ஆக்கம் குறித்து அறிந்து கொள்வர்

CO3: அறிவியல் தமிழ்ப்பாடம் மொழி வரலாற்றில் அறிவியல் தமிழின் பங்கு குறித்துக் கற்றுக்கொள்வர்.

CO 4: கலைச்சொல்லாக்கத்தில் சமுதாய உணர்வு குறித்துத் தெரிந்து கொள்வர்.

CO5: தமிழில் கலைச்சொல்லாக்க ங்கள் பற்றி விரிவாக அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5

CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	2	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	3	3	3	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

கூறு 1 : 1. அறிவியல் தமிழ் விளக்கம்

2. தமிழரின் மரபுசார் அறிவியல் - தொழில் நுட்பம்

கூறு 2 : 3. அறிவியல் தமிழ்க் கல்வி

4. அறிவியல் தமிழ் ஆக்கம்

கூறு 3 : 5. அறிவியல் தமிழ்ப்பாடம்

6. தமிழ் மொழி வரலாற்றின் அறிவியல் தமிழின் பங்கு

கூறு 4 : 7. கலைச் சொல்லாக்கத்தில் சமுதாய உணர்வு

கூறு 5 : 8. தமிழில் கலைச் சொல்வளம்

பாடநூல்

முனைவர் ஆ.ஜோசப் சார்லி ஆதாஸ்   "அறிவியல் தமிழ்"

தொகுப்பாசிரியர்   பாவை பப்ளிகேசன்ஸ்,

142, ஜானி ஜான் ரோடு

இராயப்பேட்டை, சென்னை - 14

SEMESTER IV/ SKILL BASED CORE II (optional)
நான்காம் பருவம்
திறன்வளர் பாடம் - 2
தமிழர் மருத்துவம்

L	T	P	O
4	0	0	4

Course outcomes : At the end of the course, the Student will be able to

SEMESTER IV /SKILL BASED CORE II (Optional)

CO1: உணவும் மருந்துகளும் இயற்கை மருத்துவ முன்னோடிகளும் பற்றி அறிந்து கொள்வர்

CO2: பல்வேறு வகையான மருத்துவ முறைகள் உண்ணாநோன்பு மற்றும் அதன் வகைகளும் குறித்து அறிந்து கொள்வர்

CO3: உடல் உறுப்புகள் பாதிக்கப்படும் விதமும் தவிர்க்க வேண்டிய உணவு முறைகளும் பற்றித் தெரிந்து கொள்வர்

CO4: கீரைகள், காய்கறிகள், பழங்கள் வகைகளும் அதன் பயன்களும் பற்றி தெரிந்து கொள்வர்.

CO 5: தானியங்கள், மலர்கள், மூலிகைகள் ஆகியவற்றின் பயன்பாடுகள் பற்றி அறிந்து கொள்வர்

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	2	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	3	3	3	3	3	3	3	2	3	2

CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

அலகு 1:

மதிப்புமிக்க உணவும் மருந்தும் இயற்கை மருத்துவ முன்னோடிகள்

அலகு 2

பல்வேறு மருத்துவ முறைகள் சித்த மருத்துவம் ஆயுர்வேத மருத்துவம் யுனானி மருத்துவம் அலோபதி மருத்துவம் உண்ணா நோன்பு முறை பயன்கள் உண்ணாவிரதம் மருந்தாகும் முறை உண்ணா நோன்பின் வகைகள் குளியலும் அதன் வகைகளும

அலகு 3

உடல் உறுப்புகளின் பாதிப்பும் நோயும் இயற்கை மருத்துவமும் தவிர்க்கச் சொல்லும் உணவுப்பொருட்களும்

அலகு 4:

கீரைகளும் பயன்களும் காய்கறிகளும் பயன்களும் பழங்களும் பயன்களும்.

அலகு 5

தானியங்களின் பயன்கள் மலர்களின் பயன்கள் நோய்களும் மூலிகைகளின் பயன்களும் சமைத்த உணவும் சமைக்காத உணவும்

பாடநூல்

முனைவர் தி. சிவகாமி   "இயற்கை நெறியே இனிய மருந்து"
நியூ செஞ்சுரி புக் ஹவுஸ்
சென்னை.
முதற் பதிப்பு 2013 மே

பார்வை நூல்கள்:

1. மருத்துவர் கு சிவராமன் "நலம் காக்க வாங்க வாழலாம்"
நியூ செஞ்சுரி புக் ஹவுஸ் வெளியீடு
சென்னை 98

2. டாக்டர் சுப சதாசிவம் ”விஞ்ஞான நோக்கில் நோய் தீர்க்கும் மூலிகைகள் ”
கற்பகம் புத்தகாலயம் சென்னை

3. டாக்டர் ஏ. இராமலிங்கம்.”சித்த மருத்துவம் நோயும் மருந்தும்”
கற்பகம் புத்தகாலயம்,
சென்னை

SEMESTER IV/ SKILL BASED CORE II (optional)
நான்காம் பருவம்
திறன்வளர் பாடம் - 2

L	T	P	O
4	0	0	4

தமிழர் மெய்யியல்

Course outcomes : At the end of the course, the Student will be able to

CO1: மெய்யியல் குறித்த விளக்கம் மற்றும் அதன் வரலாற்றை அறிந்து கொள்வர்

CO2: மெய்யியல் வகைகளைப் பற்றிப் பகுத்து அறிவர்

CO3:பொருளியல் விளக்கம் மறுபிறப்புக் கொள்கை, ஊழ்க்கோட்பாடுகள் ஆகியவற்றை அறிந்து கொள்வர்.

CO4:அழகியல் விளக்கம் கற்பனையும் அதன் வகைகளும் பற்றி அறிவர்

CO5:அறவியல் அறங்கள் விருந்தோம்பல் வடக்கிருத்தல் சமுதாய அறம் போன்ற பல்வேறு அறங்கள் பற்றி அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	3	3	3	2	3	3	3	3	3
CO 3	3	3	3	2	3	3	2	3	3	3	2	3	2
CO 4	3	3	3	3	3	3	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	3	3	2
CO 6	3	3	3	2	3	3	3	2	3	3	3	3	2

நோக்கம்

1. தமிழர் மெய்யியல் கொள்கை அறிதல்
2. பிறப்பின் பயனை உணர்த்துதல்
3. அறச்சிந்தனைகளைத் தூண்டி ஆளுமையை வளர்த்தல்

பயன்

செங்ககாலத் தமிழர்களின் மெய்யியலை அறிந்து கொள்ளுதல்.

அலகு- 1

மெய்யியல் விளக்கம் - உலகக் கண்ணோட்டம் - உண்மைநிலை – சார்புநிலை – மெய்யியல் வரலாறு – மெய்யியலும் மதமும் - மூன்று கட்டங்கள் - இந்திய மெய்யியல் - தமிழர் மெய்யியல்

அலகு- 2

கீழை மெய்யியல் - மேலை மெய்யியல் - இந்திய மெய்யியல் வகைகள் - மெய்யியலும் சமயமும் - மெய்யியலும் இலக்கியமும்

அலகு- 3

புலன் கடந்த பொருளியல் விளக்கம் - கடவுள் நம்பிக்கை – சிவன், திருமால், முருகன் பலராமன் - தேவர் உலகம் - மறுபிறப்புக் கோட்பாடு – ஊழ்க் கோட்பாடு - கூற்றம் - பேய் - நிமித்தம் பார்த்தல் - வேள்வி – நடுகல்.

அலகு- 4

அழகியல் விளக்கம் - அழகியலும் மகிழ்ச்சியும் - இந்திய அழகியல் - தமிழர் அழகியல் - பாணர், விறலி, கூத்தர் - இசை – கற்பனை – கற்பனை வகைகள் - எண் வகை மெய்ப்பாடுகள் - அணிகள் - இயற்கை ஈடுபாடு.

அலகு- 5

அறவியல் - அறங்கள் - இல்லறம் - விருந்தோம்பல் - கைம்மை – உடன்கட்டை ஏறல் - துறவறம் - அரசறம் - நாடுகாவல் - வேளாண்மை காத்தல் - சான்றோர் சொல் கேட்டல் - போர் அறம் - புறமுதுகு

காட்டாமை – வடக்கிருத்தல் - அறவழிப் போர் - போரினால் ஏற்பட்ட அழிவுகள் - கொள்ளை – எரியூட்டல் - பாழ்படுத்தல் - கொடை அறம் - வறுமையிற் செம்மை – அறநிலை வணிகர் - சமுதாய அறம் - நன்றி மறவாமை – பிறர்க்கென முயலுதல்.

பாடநூல்

1. கோவைவாணன் - சங்க இலக்கிய மெய்யியல்,
நியூ செஞ்சுரி புக் ஹவுஸ்,
சென்னை

.

பார்வை நூல்கள்

1.	கி.இலட்சுமணன்,	"இந்திய தத்துவ ஞானம்",
		பழனியப்பா பிரதர்ஸ், சென்னை.
2.	ஞா.தேவநேயன்,	"தமிழர் மதம்",
		நேசமணி பதிப்பகம், சென்னை.
3.	சி.இராமலிங்கம்,	"மெய்ப்பொருளியல் - ஓர் அறிமுகம்" -
1(மொ.பெ),		தமிழ் வெளியீட்டுக்
	கழகம்,	
		தமிழக அரசு, சென்னை.
4.	கே.கே.பிள்ளை,	"தமிழக வரலாறு – மக்களும் பண்பாடும்",
		தமிழ் நாட்டுப் பாடநூல் நிறுவனம்,
சென்னை.		
5.	சு.வித்தியானந்தன்,	"தமிழர் சால்பு", பாரி புத்தகப்பண்ணை,
		சென்னை.
6.	நா.வானமாமலை,	"தமிழர் பண்பாடும் தத்துவமும்",
		நியூ செஞ்சரி புக் ஹவுஸ், சென்னை.

இணையதள முகவரிகள்

1. https://tam.agromassidayu.com

2. https://noolaham.org

3. https://www.mmmexam.com

SEMESTER IV/ NON MAJOR ELECTIVE-II (optional)
நான்காம் பருவம்

L	T	P	O
3	2	0	4

துறைசாராப் பாடம்
பிறதுறை மாணவர்களுக்கு

தகவல் தொடர்பியல்

Course outcomes : At the end of the course, the Student will be able to

CO1:தொடர்பியல் என்றால் என்ன?! அதன் வகைகளும் விளக்கங்களும் பற்றி அறிந்துகொள்வர்.

CO2:தமிழ் இதழ்களின் வளர்ச்சியும் ஆக்கப்பணிகளும் பற்றி அறிவர்

CO3: வானொலி தொலைக்காட்சி செயற்கைக்கோள் ஒலிஒளிபரப்புகள் குறித்து அறிந்து கொள்வர்

CO4:திரைப்பட வரலாறும் வளர்ச்சியும் குறித்து அறிந்து கொள்வர்

CO5:தகவல் தொடர்பியலில் அறிவியல் தொழில்நுட்பம் பற்றி அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	3	2	3	3	3	2	2
CO 2	3	3	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3

CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம்

தகவல் தொடர்பு சாதனங்கள் பற்றி அறிந்து கொள்வதே நோக்கம்

பயன்

மக்கள் தகவல் தொடர்பு குறித்த வரலாற்றை மாணவர்களுக்குச் சென்றடையச் செய்தல்

அலகு 1

தொடர்பியல் - மக்கள் தொடர்பியல் - விளக்கம் - தொடர்பியல் சாதனங்களின் பாகுபாடு - மரபுவழி அச்சு வழி வேறுபாடுகள் - பத்திரிக்கைச் சுதந்திரம் - தணிக்கை முறைகள்

அலகு 2

தமிழ் இதழ்களின் வளர்ச்சி - சமுதாய முன்னேற்றத்தில் இதழ்களின் பங்கு - இதழ்களின் நெறிமுறைகள் - இதழ்கள் தொடங்க ஆக்கப் பணிகள் - இதழ்களின் நிர்வாக அமைப்பு

அலகு 3

இந்தியாவில் வானொலி - தொலைக்காட்சி வரலாறு - வானொலி தொலைக்காட்சி அமைப்பு - ஒலி ஒளிபரப்புகள் - செயற்கைக் கோள்கள் - தனியார் தொலைக்காட்சிகளின் பரவல் - வானொலி சுதந்திரம் - பிரசார பாரதி - சந்தா குழுவினரின் பரிந்துரைகள் -தொலைக்காட்சியின் செய்திகளும் நிறைகுறைகளும்

அலகு 4

இந்தியாவின் திரைப்பட வரலாறு - சினிமாவின் தொடக்க காலம் - தமிழ்த்திரையுலகின் முதல் திரைப்படச் சங்கங்கள் - கலைப்படங்கள் - மத்திய மாநில அரசுகளும் திரைப்பட வளர்ச்சியும் - திரைப்படத் தணிக்கைகள்

அலகு 5

தகவல் தொடர்பியலில் அறிவியல் தொழில்நுட்பம் - பயன்படும் கருவிகள் -

சி.டி. ரோம் - கணிப்பொறி - இணையம் - பேஜர் - தொலைவரி அச்சு - தகவல் தொடர்பியல் மற்றும் இதழியலில் கணிப்பொறியின் பயன்கள் - மக்கள் தொடர்பு அலுவலரின் பணிகள் - தொடர்பியல் சாதனங்களும் மக்கள் கருத்தும்

பாடநூல்

முனைவர் இரா மருதநாயகம்   "இருபத்தோராம் நூற்றாண்டில்
மக்கள்   தகவல் தொடர்பியல்".

நியூ செஞ்சுரி புக் ஹவுஸ்

வெளியீடு

சென்னை

பார்வை நூல்கள்:

முனைவர் கி ராசா   "மக்கள்   தகவல்   தொடர்பியல்
அறிமுகம்"

பாவை பிரிண்டர்ஸ்
ராயப்பேட்டை சென்னை 14

டாக்டர் த.ரெஜித்குமார்   "ஊடகவியல்"
நியூ செஞ்சுரி புக் ஹவுஸ்
சென்னை 98

இணையதள முகவரிகள்
1. https://uptlc.moe.edu.sg
2. http://noolaham.net
3. https://ta.m.wikipedia.org

SEMESTER IV / NON MAJOR ELECTIVE - II (optional)
நான்காம் பருவம்
துறைசாராப் பாடம்

L	T	P	O
4	0	0	4

பிறதுறை மாணவர்களுக்கு

நூலகவியல்

Course outcomes: At the end of the course, the Student will be able to

CO1:நூல்கள் தோற்றமும் வளர்ச்சியும் குறித்து அறிந்து கொள்வர்

CO2:நூலகம் அதன் நிர்வாகம் விற்பனைப் பிரிவு தொழில்நுட்ப பிரிவு இதழ்கள் பிரிவு குறித்த பதிவுகளை அறிந்து கொள்வர்

CO3:குறியீடு வகைகள் நூலகப் பணிகளின் பல்வேறு பிரிவுகள் பற்றிய தகவல்கள் தெரிந்து கொள்வர்

Co4:நோக்கீட்டுப் பணியும் வகைகளும் குறித்துப் புரிந்து கொள்வர்

CO5:நூலக வரவு-செலவு மற்றும் நூலகச் செயல்பாட்டில் மொழிபெயர்ப்புப் பணி குறித்து அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	3	2	2
CO 2	3	2	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம்

நூலக வரலாறு, ஒழுங்குமுறைகள், நூல் பாதுகாப்பு பற்றிக் கற்பித்தல்

பயன்

நூலகம் விளக்கம், தோற்றம், வளர்ச்சி, பயன் ஆகியவைகளைப் பற்றி மாணவர்கள் அறிந்து கொள்தல்

அலகு 1

நூல் என்பதன் பொருள் - தோற்றமும் வளர்ச்சியும் - நூலகத்தை உருவாக்குதலும் வடிவமைத்தலும்

அலகு 2

நூலக ஆட்சி முறை - வகைகள் - நிர்வாக முக்கியத்துவம் - பல்வேறு பிரிவுகள் - அன்றாடப் பணிகள் - நூல் தேர்வு - நிலையான விற்பனையாளர்கள் - தொழில் நுட்பப் பிரிவு - பட்டியலிடுதல் - காலமுறை இதழ்கள் - பிரிவு - பதிவு அட்டை முறை

அலகு 3

பயனுடை வரிசை முறை விதி - குறியீடுகளின் வகையும் தன்மையும் - நூல் வகைப்படுத்தும் முறை - நூற்பட்டி - நூலகப் பணிகளின் பல்வேறு பிரிவுகள்

அலகு 4

நோக்கீட்டுப் பணியும் வகைகளும் - நோக்கீட்டு நூல்கள் - நூல் சரிபார்க்கும் முறைகள்

அலகு 5

நூலக வரவுசெலவும் ஆண்டறிக்கையும் - நூலகச் செயல்பாட்டின் மொழிபெயர்ப்பு - இணைய நூலகம்

பாடநூல்

முனைவர் மு.இராமச்சந்திரன்   "நூலகவியல்"

தாமரை பப்ளிகேசன்ஸ்,
சென்னை

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
திருநெல்வேலி.

Scheme of Syllabus

ஐந்தாம் பருவம் (FIFTH SEMESTER)
இளங்கலை - தமிழ் - பாடத்திட்டம்

MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI
UG - COURSES - AFFILIATED COLLEGES
B.A. - TAMIL
(Choice based credit system)
with effect from the academic Year - 2021 – 2022

Sem	Part I/II/III /IV/V	Sub No.	Sub Status	Sub Title	Contact Hrs/ Week	L Hrs/ Week	T Hrs/ Week	P Hrs/ Week	C Credits
		1	Core IX	இலக்கணம் அகப்பொருள்	6	6	0	0	4
		2	Core X	சங்க இலக்கியம்	5	5	0	0	4
		3	Core XI	இக்கால இலக்கியம்	4	4	0	0	4
		4	Core XII	இலக்கியத் திறனாய்வு	5	4	0	0	4
V	III	5	Core XIII	தமிழக வரலாறும் பண்பாடும்-1	4	4	0	0	4
		6	Major Elective-I	இசைத் தமிழ் / தமிழர் கலைகள்	4	4	0	0	4
	IV	7	Skill based	Personality	2	2	0	0	2

Common   Development

Sub - Total   **30**   **26**

ஐந்தாம் பருவம் - V Semester
முதன்மைப் பாடம் - Core IX

L	T	P	O
3	2	0	4

இலக்கணம் - அகப்பொருள்

Course outcomes : At the end of the course, the Student will be able to

CO1: அகப்பொருள் கூற்று முறைகளும் விளக்கமும் மற்றும் ஐந்திணைக்குரிய முதல் கரு உரிப் பொருள் குறித்து அறிந்து கொள்வர்.

CO2: கற்பு வாழ்க்கை பிரிவின் வகைகளை புரிந்து கொள்வர்.

CO3: களவு வாழ்க்கை இயற்கைப் புணர்ச்சி பகற்குறி இரவுக்குறி தொடங்கி பொருள்வயிற் பிரிவு வரை தெரிந்து கொள்வர்

CO4: வரைவியல் குறித்த மரபுகளை உணர்ந்து கொள்வர்

CO5: கற்பியல் வாழ்வில் பிரிவு வகைகள் தொடங்கி வந்துழி மகிழ்வு வரை அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	3	2	3	3	3	2	2
CO 2	3	2	3	2	2	2	3	3	3	3	3	2	2
CO 3	3	3	3	2	2	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	2	2	3	3	2	2	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	3	3	3	3	3	2

நோக்கம் :

பண்டைத் தமிழரின் அகவாழ்வினை நாற்கவிராசநம்பி எழுதிய அகப்பொருள் இலக்கணம் வாயிலாகத் தெரிந்து கொள்ளுதல்.

அலகு - 1:

அகத்திணையியல் : - அகப்பொருள் வகை - அகப்பொருள் கூற்றுமுறை - அகப்பொருள் விளக்கம் - ஐந்திணைப்பெயர் - ஐந்திணைக்குரிய - முதல்,கரு,உரிப்பொருட்கள்-களவுப் புணர்ச்சி வகை - கைக்கிளை வரைவு - அறத்தொடு நிற்றல்.

அலகு - 2:

அகத்திணையியல் : - கற்பின் வகை - பிரிவின் வகை - ஊடல் தவிர்க்கும் வாயில்கள் - பிரிவுக் காலங்கள்.

அலகு - 3:

களவியல் : - இயற்கைப் புணர்ச்சி - வன்புறை வகை - தெளிவின் வகை - பிரிவுழி மகிழ்ச்சி - பிரிவுழிக் கலங்கல் - இடந்தலைப்பாடு - பாங்கற்கூட்டம் பாங்கி மதி உடன்பாடு - பாங்கியற்கூட்டம் - பகற்குறி வகை - இரவுக்குறி இடையீடு - வரைதல் வேட்கை - வரைவு கடாவுதல் - ஒரு வழித் தணத்தல் , வரைவிடை வைத்துப் பொருள் வயிற்பிரிவு.

அலகு - 4:

வரைவியல் : - வரைவு மறுத்தல் - அறத்தொடு நிற்றல் - உடன்போக்கு - தலைவி பிரிவால் கலங்கல் - மீட்சிவகை - தன் மனை வரைதல் - உடன்போக்கு இடையீடு

அலகு - 5:

கற்பியல் முழுவதும்

பாடநூல்

நாற்கவிராச நம்பி,   நம்பியகப்பொருள் (ஓழியியல் நீங்கலாக)
                             சைவ சித்தாந்த நூற்பதிப்புக் கழக
                             வெளியீடு, மதுரை

பார்வைநூல்

வித்துவான்   நம்பியகப்பொருள்

எம். நாராயணவேலுப்பிள்ளை   பாரி புத்தகப் பண்ணை, -
                               சென்னை

புலவர் பி.ரா.நடராசன்,   நற்கவிராசர் நம்பி இயற்றிய -
                               'அகப்பொருள்'
                               உமா பதிப்பகம், சென்னை.

ஐந்தாம் பருவம் - V Semester
முதன்மைப் பாடம் - Core IX

L	T	P	O
4	0	0	4

சங்க இலக்கியம்

Course outcomes : At the end of the course, the Student will be able to

CO1:பெரும்பாணாற்றுப்படை வாயிலாக சங்ககால மக்களின் வாழ்வியலை உணர்ந்து கொள்வர்

CO2: நற்றிணைப் பாடலில் வழி இயற்கையோடு இயைந்த வாழ்க்கையை அறிந்து கொள்வர்.

CO3: கலித்தொகை வாயிலாக சங்ககால மக்களின் இயற்கையின் முக்கியத்துவம் குறித்து கற்றுக் கொள்வர்

CO4: பதிற்றுப்பத்து பாடல்கள் வழி மன்னர்-- புலவர் நட்பின் உயர்வைத் தெரிந்து கொள்வர்.

CO5:பரிபாடல் வழி இயற்கையோடு இயைந்த மக்களின் வழிபாட்டை உணர்ந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	2	3	3	3	3	2	2
CO 2	3	2	3	3	2	3	3	3	3	3	3	2	2
CO 3	3	3	3	3	2	2	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	2	2	2
CO 5	2	2	3	3	2	3	3	2	3	3	2	2	3
CO 6	3	3	3	2	3	3	2	2	3	3	3	3	2

அலகு- 1

பத்துப்பாட்டு ரு பெரும்பாணாற்றுப்படை

அலகு- 2

அ. நற்றிணை ரு 5 பாடல்கள்

பாடல் எண் ரு 85 - குறிஞ்சி   - ஆய்மலர் மழைக்கண்....
பாடல் எண். ரு 97 - முல்லை   - அழுந்துபடு விழுப்புண்...
பாடல் எண். ரு 29 - பாலை   - நின்றவேனில் உலந்த....
பாடல் எண். ரு 170 - மருதம்   - மடக்கண் தகரத்
பாடல் எண். ரு 160 - நெய்தல்   - அறிதலும் அறிதியோ

ஆ. குறுந்தொகை 5 பாடல்கள்

பாடல் எண். ரு 69 - குறிஞ்சி- கருங்கட்டாக்கலை

பாடல் எண். ரு 99 - முல்லை   - உள்ளினென் அல்லெனோ...

பாடல் எண். ரு 399 - மருதம்   - ஊர்உண்கேணி...

பாடல் எண். ரு 92 - நெய்தல்   - ஞாயிறுபட்ட அகல்வாய்...

பாடல் எண். ரு 37 - பாலை   - நசைபெரிது உடையர்

அலகு-3

அ. கலித்தொகை - 4 பாடல்கள்

பாடல் எண் ரு 51 -   குறிஞ்சிக்கலி - சுடர்தொடி கேளாய் - எனத்
                     தொடங்கும் பாடல்
பாடல் எண். ரு 102 -   முல்லைக்கலி - கண்அகன் இருவிசும்பில்
                     -எனத் தொடங்கும் பாடல்
பாடல் எண். ரு 113 -   முல்லைக்கலி - நலம் மிகு நந்தியதபவரு...
பாடல் எண். ரு 117 -   முல்லைக்கலி   -   மாண   உருக்கிய
நன்பொன்மணி

ஆ. அகநானூறு 5 பாடல்கள்

பாடல் எண். ரு 52 - குறிஞ்சி- வசந்த வள்ளிமரண்....

பாடல் எண். 294 - முல்லை- மங்குல் மாமழை...

பாடல் எண். 273 - பாலை - விசும்பு விசைந்து ....

பாடல் எண். 226 -மருதம் - உணர்குவென் அல்லேன்...

பாடல் எண். 10 -   நெய்தல் - வான்கடற்பரப்பில்...

அலகு-4

அ. பதிற்றுப்பத்து - ஒன்பதாம் பத்தும் - முதல் 5ஆம் பாடல்கள்

ஆ. புறநானூறு- 5 பாடல்கள்

பாடல் எண் 24   பொதுவியல் திணை - நெல்அரியும் மாங்குடிகிழார்

பாடல் எண் 213   வஞ்சித்திணை - மண்டுஅமர் அட்ட - புல்லாற்றூர்
                                    வயிற்றினார்.

பாடல் எண். 251   வாகைத்திணை- ஓவத்துஅன்ன - மாற்பித்தியார்

பாடல் எண். 260   கரந்தைத்திணை-   வளரத்தொடினும்   -
வடமோதாங்கிழார்

பாடல் எண். 322 தும்பைத்திணை - உழுதுஉளர்காளை - ஆவூர்கிழார்

அலகு- 5

பரிபாடல் - மதுரை - 5 பாடல்கள்

பாடல் எண் ரு 7 - மதுரை - உலகம் ஒரு நிறையாத்......

பாடல்எண். ரு 8   - மதுரை - மாயோன் கொப்பூழ்.....

பாடல் எண். ரு 9   - மதுரை - தண்தமிழ்வேலித்.....

பாடல் எண். 12   -மதுரை-ஈவாரைக் கொண்டாடி...

பாடல் எண் ரு13   - மதுரை - வையை வருபுனல்....

ஐந்தாம் பருவம் - V Semester
முதன்மைப் பாடம் - Core IX

L	T	P	O
3	2	0	4

இக்கால இலக்கியங்கள்.

Course outcomes : At the end of the course, the Student will be able to

CO1:கவிதை இலக்கியம் குறித்து மாணவர்கள் அறிந்து கொள்வர்

CO2: உரைநடை இலக்கியம் பற்றி உதாரணங்களுடன் விளக்கம் பெறுவர்

CO3: வண்ணதாசன் சிறுகதைகளின் வழி வாழ்வியல் உண்மைகளை அறிந்து கொள்வர்.

CO4: "கிடை" நாவலில் கி. ராஜநாராயணனின் கிராமிய எழுத்துக்களை உணர்வர்.

CO5: "உண்மை வாரிசு" என்ற நாடகத்தின் வழி திருநங்கைகள் வாழ்வியலை அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	2	3	3	3	3	3	2	3	2
CO 2	3	3	3	2	2	3	3	2	3	2	2	3	3
CO 3	3	3	3	2	2	2	3	2	3	3	3	3	2
CO 4	3	3	3	3	3	2	3	3	3	3	2	3	3
CO 5	3	3	3	2	3	2	3	3	2	3	3	3	3
CO 6	3	3	3	3	3	3	3	3	3	3	3	3	3

அலகு 1: "கவிதைகள்"

பாரதிதாசன்   பாண்டியன் பரிசு'
                                     மணிவாசகர் பதிப்பகம்,
                                     சென்னை.

அலகு 2:   "உரைநடை"
                 முனைவர்.இரா.காமராசு   "இந்திய இலக்கியச் சிற்பிகள்
                                            தி.க.சிவசங்கரன்"
                          சாகித்ய அகாதமி வெளியீடு
                          சென்னை

அலகு 3:   "சிறுகதைகள்"
                 வண்ணதாசன் சிறுகதைகள்.
                        1.   செடிகளுக்கு
                        2.   நிலை
                        3.   நிறை
                        4.   ஞாபகம்
                        5.   ஒரு புகைப்படம், சில வாசனைகள்
                                (ஐந்து சிறுகதைகள் மட்டும்)

அலகு 4:   "நாவல்"

                 கி.ராஜநாராயணன்   "கிடை"
                                          காலச்சுவடு பதிப்பகம்,
                                          மணிக்கூண்டு சந்திப்பு,
                                          நாகர்கோவில் 1

அலகு 5:   "நாடகம்"

                 முனைவர்   "உண்மை வாரிசு"
                 ப.பாலசுப்பிரமணியன்

                                          சங்கர் பதிப்பகம்
                                          15.:.21டீச்சர்ஸ் கில்டு காலனி
                                          வில்லிவாக்கம்
                                          சென்னை.600 049 (2020)

ஐந்தாம் பருவம் - V Semester

முதன்மைப் பாடம் - Core IX

L	T	P	O
4	0	0	4

இலக்கியத் திறனாய்வு

Course outcomes : At the end of the course, the Student will be able to

CO1:இலக்கியத்தின் இயல்புகள் மற்றும் வகைகளைப் பற்றித் தெரிந்து கொள்வர்

CO2:திறனாய்வாளரின் தகுதிகள் மற்றும் ஊழு2: திறனாய்வின் தோற்றமும் வளர்ச்சியும் பற்றி அறிந்து கொள்வர்.

CO3: திறனாய்வின் வகைகள் விரிவாக உதாரணங்களுடன் அறிந்து கொள்வர்.

CO4: சமூகவியல் முதல் அழகியல் வரையிலான அணுகுமுறைகளை அறிவர்.

CO5: கவிதை நாடகம் நாவல் சிறுகதை போன்ற இலக்கிய வகைகளின் அமைப்பைப் புரிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	2	3	2	2	3	3	3	2	3	3	2
CO 2	3	2	3	3	2	2	2	3	2	3	2	2	2
CO 3	3	3	3	3	2	2	3	3	3	2	2	3	2
CO 4	2	3	3	3	2	3	3	3	3	3	2	3	3
CO 5	3	3	2	2	3	3	3	3	3	2	3	2	3
CO 6	3	3	2	3	3	3	2	3	3	2	2	3	3

நோக்கம்:

இலக்கியத்திறனாய்வு பற்றிய அடிப்படைக் கொள்கைகளை அறியச் செய்தல். இலக்கியத்தைத் திறனாய்வு முறையில் கற்கும்படிச் செய்தல்.

பயன்:

திறனாய்வுக் கொள்கைகள், கோட்பாடுகள் ஆகியவற்றை அறிந்து கொள்வதன் மூலம் திறனாயும் ஆற்றலை வளர்த்துக் கொள்ளுதல்.

அலகு 1

இலக்கியம் அறிமுகம் - இலக்கியம் ஒரு வரையறை - இலக்கியத்தின் இயல்புகள் - இலக்கிய வகை - இலக்கியமும் மரபுகளும் - கலை பற்றிய இருசிந்தனைகள் (கலை கலைக்காகவே, கலை வாழ்க்கைக்காகவே)

அலகு 2:

திறனாய்வு விளக்கம் - திறனாய்வாளரின் தகுதிகள் - திறனாய்வின் பயன் - தமிழில் திறனாய்வின் வரலாறு

அலகு 3:

திறனாய்வு வகைகள் : விளக்கமுறை - ஒப்பிட்டு முறை - மதிப்பீட்டு முறை - இரசனை முறை - பாராட்டுமுறை - முடிவுமுறை - விதிமுறை - பகுப்பு முறை

அலகு 4:

திறனாய்வு அணுகுமுறைகள் :சமூகவியல் - அறநெறி - வரலாற்றியல் - உளவியல் - அமைப்பியல் - மார்க்சியவியல் - அழகியல்

அலகு 5:

கவிதை- நாடகம் ரூ நாவல் - சிறுகதை - கட்டுரை ஆகிய இலக்கிய வகைகளின் அமைப்பு

பாடநூல்கள்:

அ.சா.ஞானசம்பந்தன் 'இலக்கியக் கலை'
சைவசித்தாந்த நூற்பதிப்பு கழகம்
சென்னை ரூ 18

தி.சு. நடராஜன் 'திறனாய்வுக் கலை'
நியூ செஞ்சுரி புக் ஹவுஸ்
சென்னை ரூ 98

குறிப்பு

இரு நூல்களிலும் பாடப்பகுப்போடு தொடர்புடைய பகுதிகள் மட்டும்.

ஐந்தாம் பருவம் - V Semester

முதன்மைப் பாடம் - Core XIII

L	T	P	O
3	2	0	4

தமிழக வரலாறும் பண்பாடும் - 1

Course outcomes: At the end of the course, the Student will be able to

CO1: வரலாற்றுக்கு முற்பட்ட கால தமிழகத்தை அறிந்துகொள்வர்.

CO2: வரலாற்று ஆதாரங்களை வரிசைப்படுத்திப் புரிந்து கொள்வர்.

CO3: சங்கம் இருந்ததற்கான சான்றுகள் அறிந்து கொள்வர்.

CO4: சங்க இலக்கியத்தின் சிறப்புகளைச் சான்றுகள் மூலம் அறிந்து கொள்வர்.

CO5: பல்லவர்கால கலைப் பணிகளை கற்றுத் தெரிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	2	3	2	3	3	3	3	3	2
CO 2	3	3	3	2	2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	3	2	2	3	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	2	3	2
CO 5	3	3	3	2	3	3	3	2	3	3	2	3	2
CO 6	3	3	3	2	3	3	2	2	3	3	2	3	2

நோக்கம்

நாம் வாழ்ந்து வரும் தமிழகத்தின் வரலாறு மற்றும் மன்னர்களின் ஆட்சி முறைகள் குறித்து அறிந்து கொள்ளுதல்.

பயன்

வரலாற்று ஆவணங்களாக மாணவர்களுக்குப் பயன்படுதல்.

அலகு 1

வரலாற்றுக்கு முற்பட்ட காலம் தமிழகம் : சிந்துவெளி நாகரிகம் - தமிழக நில அமைப்பு - பழங்குடியினர்

அலகு 2

வரலாற்று ஆதாரங்கள் : தொல்லியல் சான்றுகள் - கல்வெட்டுகள் - செப்பேடுகள் - சிற்பங்கள் - ஓவியங்கள்

அலகு 3

சங்க காலம் : சங்கம் இருந்ததற்கான சான்றுகள் ஸ்ரீ பிராமிக் கல்வெட்டுகள் - சங்க கால அரசியல் - ஐந்திணை சமூகம் - பெண்களின் நிலை - தெய்வங்கள்

அலகு- 4

சங்க இலக்கியம் : சிறப்புகள் - களப்பிரர் காலம் - வேணாட்டுச்சோழர் – வானவராயர்

அலகு- 5

பல்லவர் காலம் : பல்லவர்கள் யார்? - மூன்று காலக்கட்டங்கள் - நரசிம்ம வர்மனின் பணிகள் - கி.பி. 4ஆம் நூற்றாண்டு முதல் 9ஆம் நூற்றாண்டு வரை - முத்தரையர் - அதியமான்கள்

பாடல் நூல்

அ.கா.பெருமாள்   தமிழக வரலாறும் பண்பாடும்

நியூ செஞ்சுரி புக்ஹவுஸ்
சென்னை.

குறிப்பு

பாடத்திட்டம் தொடர்பாக மாணவ மாணவிகள் சுற்றுலா செல்லுதல்

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L	T	P	O
4	0	0	4

ஐந்தாம் பருவம் - V Semester

முதன்மை விருப்பப் பாடம் &Major Elective - I (Optional)

இசைத் தமிழ்

Course outcomes: At the end of the course, the Student will be able to

CO1: இசையின் தொன்மையையும் தோற்றத்தையும் பற்றி அறிமுகம் ஆவர்

CO2: இசை இலக்கணங்களைத் தெரிந்து கொள்வர்.

CO3: தாளக் கருவிகள் வாத்திய வகைகளை வகை பிரித்து அறிவர்.

CO4: இலக்கியங்கள் வாயிலாக இசைச் செய்திகளை அறிந்து கொள்வர்.

CO5: ஆழ்வார்கள், சேக்கிழார் பாடல்களின் வாயிலாக மாணவர்கள் பண்களின் வகைகளை அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	3	2	3
CO 2	3	2	3	2	2	2	3	3	3	3	3	2	3
CO 3	3	3	3	2	3	3	2	2	3	3	2	2	2
CO 4	3	3	3	3	2	2	3	3	3	3	2	2	2
CO 5	2	2	3	3	2	3	2	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	2	2	3	3	3	3	2

நோக்கம்

தமிழ் இசையின் தொன்மத்தினை அறியச் செய்தல் - இசை தொடர்பான அடிப்படைச் செய்திகளைக் கற்றுத்தருதல்.

பயன்

இசையில் ஆர்வத்தினை ஏற்படுத்துதல். இசை தொடர்பான செய்திகளைக் கற்பித்தல்.

அலகு- 1

இசையின் தோற்றம் - இசையின் சிறப்பு - இசைத்தமிழின் தொன்மை - அருங்கலைகளின் கருவூலம் - இசைவளர்த்த பாணர்.

அலகு- 2

இசை இலக்கணங்கள் - இசைத்தமிழ்க் களஞ்சியம் - இசைக் கலைஞர்களின் தகைமைகள் - இசையும் கூத்தும் - இசைப்பாடல்கள் இசைத்தமிழின் பொற்காலம்.

அலகு- 3

பண்கள் : - தாளக்கருவிகள் - தாளத்தின் வகைகள் - இசைத்தமிழின் நலிவும் எழுச்சியும்.

அலகு- 4

நீதி நூல்கள் தரும் இசைச் செய்திகள் (பக்.14 நீங்கலாக) - யாழ்நலம் கூறும் காப்பியம் (பக்.25-30 நீங்கலாக) - பண் சுமந்த பாடல்கள்ளூ தேவாரம் என்னும் பெயர் வழக்கு, தேவாரச் சுவடிகளைக் கண்டு எடுத்த சோழன், தேவாரப் பதிகங்களில் கூறப்படும் இசைக்கருவிகள், இருபத்து மூன்று பண்களும் அவைகளுக்கு இணையாகக் கருதப்படும் இராகங்களும்.

அலகு- 5

ஆழ்வார்களின் அருளிச் செயல்கள் ரூ உள்ளம் உருக்கும் இசைப் பாடல்கள் - சேக்கிழார் பெருமான் அளிக்கும் இசைச்செய்திகள் (பக்.210- - 224 நீங்கலாக) கலைச்சொற்கள்ளூ அரையர் சேவை, ஆம்பல், குழல், தண்ணும்மை,

பண்ணாங்கம், பிடாரர்கள், வங்கியம், வாரம் பாடுதல் - நாற்பெரும்   பண்கள் - நால்வகைப் பண்கள் - முல்லைக்குழல் - முல்லைத் தீம்பாணி.

பாடநூல்

1. து.ஆ.தனபாண்டியன் -   இசைத்தமிழ் வரலாறு,
                                    பகுதி மி பகுதி மிமி
                                    தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர்.

பார்வை நூல்கள்

1. முனைவர் சி.அங்கயற்கண்ணி   தமிழக இசையும் ஆய்வும்,
                                    கலையகம் வெளியீடு, தஞ்சாவூர்.

2. பி.டி.செல்லத்துரை -   தென்னக இசையியல்,
                                    வைகறைப் பதிப்பகம்,
                                    திண்டுக்கல்.

3. கே.சிவ.சுப்பிரமணியன்   தமிழ் இலக்கியங்களும்   தமிழிசையும்

4. மதுரை நமம்மது -   தமிழிசைப் பேரகராதி,
                                   தமிழிசைக் களஞ்சியம்.

5. மு.அருணாசலம் -   தமிழ் இசை இலக்கிய வரலாறு,
                                   கடவுப் பதிப்பகம், சென்னை.

6. மு.அருணாசலம்   தமிழ் இசை இலக்கண வரலாறு,
                                   கடவுப் பதிப்பகம், சென்னை.

7. டி.ஆர்.கண்ணப்பிரான் -   திரைஇசை,
                                   தமிழ் இசை கர்நாடக சங்கீதம்,
                                   பாபா பதிப்பகம், சென்னை.

இணையதள முகவரி

1. www.wikipedia.org
2. www.dinamani.com
3. www.onetamilnews.com
4. https://ta.quora.com
5. https://tamilandvedas.com

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L	T	P	O
3	2	0	4

ஐந்தாம் பருவம் - V Semester

முதன்மை விருப்பப் பாடம் &Major Elective - I (Optional)

தமிழர் கலைகள்

Course outcomes: At the end of the course, the Student will be able to

CO1: கட்டடக் கலை, ஓவியக் கலை, குறித்துக் கற்றுக் கொள்வர்.

CO2: சிற்பக்கலை வார்ப்புக் கலை பற்றி அறிந்து கொள்வர்.

CO3: இசைக்கலை, நடனக்கலை வகைகளை அறிவர்

CO4: நாடகக்கலை மருத்துவர்களை பற்றித் தெரிந்து கொள்வர்.

CO5:சமயக் கலை தத்துவக் கலை மற்றும் இலக்கியக் கலை பற்றிய

செய்திகளைக் கற்றுத் தேர்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	2	2	2	2	3	3	3	2	3
CO 2	3	2	3	3	2	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	2	3	2	2	3	3	2	3	2
CO 4	3	3	3	3	3	2	3	3	3	3	2	3	2

CO 5	2	2	3	3	2	3	2	3	3	3	3	3	3
CO 6	3	3	2	2	3	3	2	2	3	3	3	3	2

நோக்கம் :

தமிழர் வாழ்வின் அடையாளமான கவின் கலைகள் பற்றி அறியச் செய்தல்

பயன் :

தமிழகத்தில் புகழ்பெற்ற ஆயகலைகள் குறித்து மாணவர்களுக்கு அறிமுகப்படுத்துதல்

அலகு 1:   கலைகள் - கட்டடக்கலை- - ஓவியக்கலை
அலகு 2:   சிற்பக்கலை- - வார்ப்புக் கலை-
அலகு 3:   இசைக்கலை - நடனக்கலை
அலகு4:   நாடகக் கலை - -மருத்துவக்கலை
அலகு 5:   சமயக்கலை - -தத்துவக்கலை ரூ இலக்கியக் கலை

பாடநூல்:

டாக்டர் மா.இராசமாணிக்கனார்   "தமிழகக் கலைகள்"
அழகு பதிப்பகம்,

வில்லிவாக்கம்,

செ‌ன்னை 600 049
(முதல் பதிப்பு 2019)

பார்வை நூல்கள்

வெங்கட்ராமன் ஆர்   இந்தியக் கோயில் கட்டிடக்கலை
வரலாறு

என்.எஸ்.பப்ளிகே'ன்ஸ்
மதுரை 1985

இராசமாணிக்கனார்.மா   தமிழக குடைவரைக் கோயில்கள்
சைவ சித்தாந்த நூற்பதிப்புக் கழகம்
செ‌ன்னை 1984

Scheme of Syllabus

ஆறாம் பருவம் **(SIX SEMESTER)**
இளங்கலை - தமிழ் - பாடத்திட்டம்

MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI
UG - COURSES - AFFILIATED COLLEGES
B.A. - TAMIL
(Choice based credit system)
with effect from the academic Year - 2021 – 2022

Sem	Part I/II/III /IV/V	Sub No.	Sub Status	Sub Title	Contact Hrs/ Week	L Hrs/ Week	T Hrs/ Week	P Hrs/ Week	C Credits
		1	Core XIV	இலக்கணம் - புறப்பொருள்	5	5	0	0	4
		2	Core XV	காப்பிய இலக்கியம்	5	5	0	0	4
		3	Core XVI	பக்தி இலக்கியம்	5	4	1	0	4
		4	Core XVII	தமிழக வரலாறும் பண்பாடும் - II	6	5	1	0	4
VI	III	5	Core XVIII	இலக்கிய வரலாறு	5	5	0	0	4
		6	Major Elective - II	பயண இலக்கியம் / தன்வரலாற்றியல்	4	4	1	0	4

Sub - Total	30	24

ஆறாம் பருவம் - VI Semester

L	T	P	O
3	2	0	4

முதன்மைப் பாடம் - Core XIV

இலக்கணம் - புறப்பொருள்

Course outcomes : At the end of the course, the Student will be able to

CO1: வெட்சி,கரந்தைப் போர் முறைகளில் உள்ள பல துறைகளையும் எடுத்துக்காட்டுகளுடன் கற்றுக் கொள்வர்.

CO2: படைகளோடு போரிடுதல் வஞ்சி, காஞ்சி ஆகிய துறைகள் சார்ந்த துறைகளைக் குறித்து அறிந்து கொள்வர்

CO3: கோட்டையைக் கைப்பற்றும் தாக்குதல் தொடுத்தல் முறைகளை அறிந்து கொள்வர்.

CO4: வெற்றியைக் கொண்டாடும் தும்பை, வாகை ஆகியவைகளையும் துறைகளையும் வகை பிரித்து அறிந்து கொள்வர்

CO5:பாடப்படும் ஆண் மகனுடைய வீரம் ஈகைச் சிறப்புகளைப் பாடாண்திணை மற்றும் ஆற்றுப்படை நூல்களின் செய்திகளையும் மாணவர்கள் அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	3	2	2
CO 2	3	2	3	3	2	2	2	3	3	3	3	2	2
CO 3	3	3	3	3	3	2	2	2	3	3	2	2	3
CO 4	3	3	3	3	2	2	3	3	3	3	2	2	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம் :

பண்டைத் தமிழரின் போர் ஒழுகலாறுகளைப் புறப்பொருள் வெண்பாமாலை மூலம் அறிந்து கொள்ளல். புறச்செயல்களை நெறிப்படுத்தல்.

அலகு 1:

வெட்சித்திணை - துறைகள் : வெட்சி - வெட்சி அரவம் - விரிச்சி - வேய்ப்புறத்திறை - ஊர்கொலை - பாதீடு - உண்டாட்டு - புலனறி சிறப்பு - - பிள்ளை வழக்கு - கொற்றவை நிலை - வெறியாட்டு

கரந்தைத் திணை - துறைகள்: கரந்தை - புண்ணொடு வருதல், போர்க்களத்து ஒழிதல் - ஆளெறிபிள்ளை - பிள்ளைத் தெளிவு பிள்ளையாட்டு - கையறுநிலை - நெடுமொழி கூறல் - மிகுகுடிநிலை.

அலகு 2:

வஞ்சித் திணை ரு துறைகள்: வஞ்சி - மாராய வஞ்சி - மழபுலவஞ்சி - தழிஞ்சி - பெருஞ்சோற்றுநிலை - நல்லிசை வஞ்சி

காஞ்சித் திணை - துறைகள் : காஞ்சி - காஞ்சி எதிர்வு - வஞ்சினக் காஞ்சி - பூக்கோள் நிலை - பேய்க்காஞ்சி - மகட்பாற் காஞ்சி

அலகு 3 :

நொச்சித்திணை - துறைகள்: நொச்சி - மறனுடைப்பாசி - ஊர்ச்செரு - செருவிடை வீழ்தல் - குதிரைமறம் - எயிற்போர்: எயில்தனை அழித்தல்- - அழிபடை தாங்கல் - மகள் மறுத்து மொழிதல்.

உழிஞைத் திணை - துறைகள்: உழிஞை - கந்தழி - முற்றுழிஞை - காந்தள் - புறத்திறை - மண்ணுமங்கலம் - மகட்பால் இகல் - அடிப்பட இருக்கல் - தொகை நிலை

அலகு 4 :

தும்பைத்திணை - துறைகள்: தும்பை - இருவரும் தபுநிலை - நூழில் : நூழில் ஆட்டு - களிற்றுடனிலை - ஒள்வாள் அமலை

வாகைத் திணை - துறைகள்: வாகை - வாகை அரவம் ரூ மறக்களவழி -
- மூதின் முல்லை - ஏறாண்முல்லை - வல்லாண்முல்லை - பொருளொடுபுகல் -
அருளொடு நீங்கல்

அலகு 5:
பாடாண் திணை - துறைகள் : பாடாண்பாட்டு - பூவை நிலை - பரிசில்
துறை ரூ இயல்மொழி வாழ்த்து ரூ குடிமிகளைந்த புகழ்சாற்று நிலை - வாயுறை
வாழ்த்து - செவியறிவுறூஉவு - ஓம்படை - கொடிநிலை - கந்தழி - வள்ளி
கைக்கிளை - பெருந்திணை

பாணாற்றுப்படை - கூத்தராற்றுப்படை - பொருநர் ஆற்றுப்படை -
விறலியாற்றுப்படை - புலவராற்றுப்படை - குழவிக்கண் தோன்றிய காமப்பகுதி -
ஊரின் கண் தோன்றிய காமப்பகுதி.

பாடநூல்
     ஐயனாரிதனார்   புறப்பொருள் வெண்பாமாலை'
                                        (வெட்சி முதல் பாடாண் படலம் வரை)
                                        கழக வெளியீடு, சென்னை.

பார்வை நூல்
     ச. திருஞானசம்பந்தம்   புறப்பொருள் வெண்பாமாலை

ஆறாம் பருவம் &VI Semester

முதன்மைப் பாடம் &Core XV

L	T	P	O
4	0	0	4

காப்பிய இலக்கியம்

Course outcomes : At the end of the course, the Student will be able to

CO1: டசிலப்பதிகாரத்தில் வழக்குரைகாதை வாயிலாக மாணவர்கள் அறியலாகும் செய்திகள் அதிகம்.

CO2: மணிமேகலையில் மாதவி பிச்சையிட்ட காதைவழி மாணவர்கள் அறநெறிகளை அறிந்து கொள்வர்

CO3:நாமகள் இலம்பகம் பாடல்கள் மூலம் சீவகசிந்தாமணி காப்பியம் காட்டும் சமுதாயத்தை மாணவர்கள் அறிந்து கொள்வர்.

CO4: கம்பராமாயணம் கிட்கிந்தா காண்டம் அனுமன் படலப் பாடற் பொருள்களை உணர்ந்து கொள்வர்

CO5:சீறாப்புராணம், தேம்பாவணி வாயிலாக பாடப்பகுதியில் உள்ள பாடல்களின் பொருளை அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	2	2	2
CO 2	3	2	3	3	2	2	2	3	3	3	2	2	2
CO 3	3	3	3	3	2	3	2	2	3	3	2	2	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	2	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம்

தமிழ்க் காப்பியங்களின் பாடுபொருட்களை அறிந்து கொள்ளுதல். காப்பிய நயங்களை உணர்தல்.

அலகு-- 1

சிலப்பதிகாரம்- : மதுரைக் காண்டம்

வழக்குரை காதை -81 வரிகள்

வஞ்சின மாலை 57 வரிகள்

அலகு-- 2

மணிமேகலை :

ஆதிரை பிச்சையிட்ட காதை --1 ரூ 35 வரிகள்

வளையாபதி 11 ரூ 20 பாடல்கள்

குண்டலகேசி 11 ரூ 19 பாடல்கள்

அலகு-- 3

சீவகசிந்தாமணி : நாமகள் இலம்பகம்

பாடல் எண் 30 முதல் 110 வரை

அலகு-- 4

கம்பராமாயணம்: கிட்கிந்தா காண்டம்

அனுமன் படலம் முழுவதும்- (38 பாடல்கள்)

பெரியபுராணம் திரு நீலநக்கநாயனார் புராணம் முழுவதும்-

(38 பாடல்கள்)

அலகு- 5

சீறாப்புராணம்: ஹிஜிரத்துக் காண்டம்

விடமீட்ட படலம் (41 பாடல்கள்)

தேம்பாவணி இரண்டாம் காண்டம்

சேதையோன் வெற்றிப் படலம் (60 பாடல்கள்)

ஆறாம் பருவம் &VI Semester

L	T	P	O
3	2	0	4

முதன்மைப் பாடம் &Core XVI

பக்தி இலக்கியம்

Course outcomes : At the end of the course, the Student will be able to

CO1:திருமங்கையாழ்வாரின் பெரிய திருமொழி பாடல் கருத்துகளைப் பயின்று கொள்வர்.

CO2: திருஞானசம்பந்தரின் பாடல்கள் வழி வாழ்வியல் அறநெறிகளை உணர்ந்து கொள்வர்.

CO3:திருவாசகம், சிவபுராணம் ஆகிய பாடல்களின் வழி பக்தி மார்க்கத்தை உணர்வர்.

CO4:சீறாப்புராணத்தில் நதி கடந்த படலத்தின் மூலம் வாழ்வியல் உண்மைகளை உணர்வர்.

CO5:இரட்சணிய மனோகரம் பாடல்கள் வழி மன ஒருமைப்பாட்டை மாணவர்கள் கற்றுக் கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	2	2	2

CO 2	3	2	3	2	3	2	2	3	3	3	2	2	2
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	2
CO 4	3	3	3	2	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

அலகு 1   பெரிய திருமொழி
திருமங்கையாழ்வார் -ரு முதல் மூன்று பத்து.

அலகு 2

திருஞான சம்பந்தர்

1. திருவாவடுதுறைரு இடரினும் தளரினும்

2. திருவேணுபுரம் ரு வண்டார் குழலரிவையொடும்

3.திருநள்ளாறும் திருஆலவாயும் ரு பாடக மெல்லடிப்பாவையோடும்

அலகு 3

திருவாசகம்
சிவபுராணம் 95 வரிகள்
1.புணர்ச்சிப்பத்து
2.அருட்பத்து
3.கண்டபத்து

அலகுரு 4

சீறாப்புராணம்
நதிகடந்தபடலம்ரு31 பாடல்கள்

அலகுரு 5

இரட்சணிய மனோகரம்
1.மனஒருமைப்பாடு ரு 19 பாடல்கள்
2. நல்லமனசாட்சி ரு 14 பாடல்கள்

ஆறாம் பருவம் &VI Semester

L	T	P	O
4	0	0	4

முதன்மைப் பாடம் &Core XVII

தமிழக வரலாறும் பண்பாடும் - **II**

Course outcomes : At the end of the course, the Student will be able to

CO1: பிற்காலச் சோழர் காலத்தை மாணவர்கள் மனதில் பதிய வைப்பர்.

CO2: பிற்காலப் பாண்டியர் காலத்தை மாணவர்கள் மனதில் பதிய வைத்தல்.

CO3: நாயக்கர் காலச் சமூகம் சமயம் இலக்கிய வகைகள் குறித்து மாணவர்கள் அறிந்து கொள்வர்

CO4: தஞ்சை மராட்டியர் காலம் மற்றும் ஆங்கிலேயர், கட்டபொம்மன், மருது சகோதரர்கள் வேலூர் புரட்சி இன்னபிற வரலாற்று உண்மைகள் பற்றித்தெரிந்து கொள்வர்.

CO5: தமிழகத்தின் தேசிய இயக்கங்கள் தோற்றமும் வளர்ச்சியும் பற்றி அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	2	2	2
CO 2	3	2	3	3	3	2	2	3	3	3	2	2	2
CO 3	3	3	3	3	2	3	2	2	3	3	2	3	2
CO 4	3	3	3	3	2	2	2	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	3	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம்

தமிழக வரலாற்றையும் பண்பாட்டையும் அறியச் செய்தல்.

அலகு1:

பிற்காலச் சோழர் காலம் : 9 ரூ -13 ஆம் நூற்றாண்டு வரை. சைவத்தின் எழுச்சி - சோழர்களின் கோவில் பணிகள் - செப்புப் படிமங்கள் - -ஓவியக்கலை - சோழர்கால இலக்கியம்

அலகு 2:

பிற்காலப் பாண்டியர் காலம் : மாறவர்மன் சுந்தரபாண்டியன் - சடையவர்மன் சுந்தரபாண்டியன் - மாறவர்மன் குலசேகர பாண்டியன்

அலகு 3:

நாயக்கர் காலம்: விஜயநகரப் பேரரசு - -மதுரை நாயக்கர்கள் - திருமலை நாயக்கர் -சொக்கநாத நாயக்கர்- - விஜயநகர நாயக்கர் -காலம்- - பண்பாடு- சமூகம் - -சமயம் - இலக்கியம்

அலகு4:

தஞ்சை மராட்டியர்கள்: ஐரோப்பியர் காலம் - போர்ச்சுக்கீசியர்கள் - - டச்சுக்காரர் - பிரெஞ்சுக்காரர் - -ஆங்கிலேயர் - கட்டபொம்மன் - கான்சாகிப்- பெரிய மருது - சின்ன மருது - வேலூர் புரட்சி

அலகு 5:

தமிழகத்தின் தேசிய இயக்க வரலாறு: பிரெஞ்சுக் காலனி ரூ -கல்வி ரூ - ஆன்மீகம் - -சாதி - இந்தி எதிர்ப்பு - விடுதலைக்குப்பின் தமிழகம் - அரசியல்- - சினிமா

பாடல் நூல்
    அ.கா.பெருமாள்   தமிழக வரலாறும் பண்பாடும்
                                                                    நியூ செஞ்சுரி புக்ஹவுஸ்
                                                                    சென்னை.
குறிப்பு
        மாணவ மாணவியர்களை பாடத்திட்டம் தொடர்பான கல்விச் சுற்றுலா அழைத்துச் செல்லலாம்

ஆறாம் பருவம் &VI Semester

முதன்மைப் பாடம் &Core XVIII

L	T	P	O
3	2	0	4

இலக்கிய வரலாறு

Course outcomes : At the end of the course, the Student will be able to

CO1: சங்க காலப் புலவர்கள், சங்க இலக்கிய நூல்கள் இலக்கிய உத்திகள் ஆகியவை குறித்து அறிந்து கொள்வர்

CO2: சங்கம் மருவிய காலத்தில் எழுந்த இலக்கிய வகைகளை அறிந்திருப்பர்

CO3: பல்லவர் கால-- சோழர் கால இலக்கிய வளர்ச்சி குறித்து நுட்பமாக அறிந்து கொள்வர்

CO4: நாயக்கர் காலச் சிற்றிலக்கியங்கள் சமய இலக்கியங்களின் தோற்றமும் வளர்ச்சியும் இன்ன பிறவும் அறிந்து கொள்வர்

CO5: நவீன இலக்கியங்களான மரபுக்கவிதை, புதுக்கவிதை, சிறுகதை, புதினம், கட்டுரை, உரைநடை மற்றும் பிற துறைகள் குறித்த இலக்கிய மரபை அறிந்து கொள்வர்

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	2	2	3	3	3	2	2
CO 2	3	2	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	2
CO 4	3	3	3	3	2	2	3	3	3	3	2	3	2

CO 5	2	2	3	3	2	3	2	3	3	3	2	3	3
CO 6	3	3	2	2	2	3	3	2	3	3	3	3	2

நோக்கம்:

தமிழ் இலக்கியத்தின் தோற்றத்தையும் வளர்ச்சியையும் விளக்கிச் சொல்வது

பயன்:

தமிழ் இலக்கியம் பயிலும் மாணவர்கள் இலக்கியங்களின் வரலாற்றை அறிந்துகொள்வது. கால அடிப்படையில் தமிழ் இலக்கியங்கள் தோன்றி வளர்ந்த விதம் மாணவர்களுக்கு அறிமுகம் செய்தல்.

அலகு 1: சங்ககாலம்

அலகு 2: சங்கம் மருவிய காலம்

அலகு 3: பல்லவர் காலம் ரூ --சோழர் காலம்

அலகு 4: நாயக்கர் காலம் ரூ சமயம் வளர்த்த தமிழ்

அலகு 5: தற்காலம்

பாடநூல்:

முனைவர் ஜெ ஸ்ரீ சந்திரன்   இலக்கிய வரலாறு
                                  40 சரோஜினி தெரு,
                                  சென்னை

பார்வை நூல்கள்:

முனைவர் மு.வ.   தமிழ் இலக்கிய வரலாறு,
                                  சாகித்ய அகாதமி விருது
                                  வெளியீடு,
                                  நியூடெல்லி

முனைவர் சி பாலசுப்ரமணியம்,   தமிழ் இலக்கிய வரலாறு,
                                  பாவை பப்ளிகே'ன்ஸ்,
                                  சென்னை 14

முனைவர் திருமதி பாக்கியமேரி   வகைமை நோக்கில் தமிழ்
                                  இலக்கிய வரலாறு,

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MAJOR ELECTIVE - II (Optional)**

L	T	P	O
4	0	0	4

ஆறாம் பருவம் &VI Semester

முதன்மை விருப்பப் பாடம் &Major Elective - II (Optional)

பயண இலக்கியம்

Course outcomes: At the end of the course, the Student will be able to

CO1: பயண இலக்கியத்தின் தோற்றமும் வளர்ச்சி பற்றியும் உள் நாட்டுப் பயண இலக்கியங்கள் குறித்தும் மாணவர்கள் அறிந்து கொள்வர்

CO2: அமெரிக்காவிலுள்ள தங்க நுழைவாயில் புனைவுகளின் உலகம் காட்சிமனைகள் குறித்து அறிமுகம் ஆவர்.

CO3: மன்ஹாட்டன் சுதந்திர தேவி சிலை பெருநகர குழுமம் குறித்து நூலாசிரியரின் பயண அனுபவத்தை அறிந்து கொள்வர்

CO4: நீர் விளையாட்டு, தீபாவளி இரவு, ஆடல் பாடல்கள் குறித்து அமெரிக்க நகரங்களின் நிகழ்ச்சிப் பதிவுகளை அறிந்து கொள்வர்.

CO5: சூதாட்டமும் கேளிக்கையும் 76 அருவி மற்றும் தலைநகரம் குறித்து நூலாசிரியர் தந்துள்ள பயண அனுபவத்தைப் படித்து அறிந்து கொள்வர்.

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	2	3	2	3	2	3	3	2	2	2
CO 2	3	2	3	3	3	2	3	3	3	3	2	2	3
CO 3	3	3	3	3	3	3	2	2	3	3	2	3	3
CO 4	3	3	2	2	3	2	2	3	3	3	3	3	2

CO 5	2	2	2	3	2	3	2	3	3	3	2	3	3
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம் :

ஒரு குறிப்பிட்ட நாட்டில் வாழும் மக்களின் பண்பாடு, கலாச்சாரம், பழக்கவழக்கங்கள் குறித்து மாணவர்களுக்குக் கற்பித்தல்

பயன்:

பயணம் சென்றவரின் அனுபவத்தின் வாயிலாக அந்தந்த இடங்களின் சிறப்பம்சங்கள் நினைவுச் சின்னங்களின் வரலாறு போன்றவற்றை மாணவர்கள் அறிந்து கொள்ளுதல்

அலகு 1:

பயண இலக்கியம் -தோற்றம் வளர்ச்சி - நோக்கம் - -உள்நாட்டுப் பயண இலக்கியங்கள்

அழகு2 :

ஒரு நாடு - ஒரு பயணம் - தங்க நுழைவாயில் - -சில தேடல்கள் - புனைவுகளின் உலகம் - காட்சி மனைகளோடு

அலகு 3:

மன்ஹாட்டன்- - சுதந்திரதேவி சிலை - இளைப்பாறும் நிழல் - பெருநகரக் குழுமம்

அலகு 4:

நீர் விளையாட்டு - -ஓர் தீபாவளி இரவு - -ஆவிகளைக் கொண்டாடி - இணைச்சொல் - ஆடல்களுடன்

அலகு 5:

சூதாட்டமும் கேளிக்கையும் - -ஒரு மரகத நகரம் - -ஏரி, ஆறு, அருவி - ஒரு தலைநகரம்

பாடநூல்:

முனைவர் தி.சு.நடராஜன்   அமெரிக்காவுக்கு ஒரு பயணம்'
நியூசெஞ்சுரி புத்தக நிறுவனம்
சென்னை.

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L	T	P	O
3	2	0	4

ஆறாம் பருவம் &VI Semester

முதன்மை விருப்பப் பாடம் &Major Elective - II (Optional)

தன்வரலாற்றியல்

Course outcomes : At the end of the course, the Student will be able to

CO1: கவிஞர் கண்ணதாசன் எழுதிய "மனவாசம்" என்ற நூலின்கண் அவர் எழுதிய தன் வாழ்நாள் நிகழ்வுகள் முழுவதும் மாணவர்கள் அறிந்து கொள்வர்.வேதாளமும் முருங்கை மரமும், முள்ளின் மீது மோகன ராகம் ஆகிய கட்டுரைகளைக் கற்றுத் தெளிவர்

CO2:. ஓவியத்தில் சிலந்திக் கூடு விதியின் பிழை ஆகிய கட்டுரைகளை அறிந்து கொள்வர்

CO3:. கண்மணி தென்றல், நினைத்ததை முடிப்பேன், பின்னோக்கிய நினைவு ஆகிய கட்டுரைகள் மூலம் மலரும் நினைவுகள் கவிஞருக்கு ஏற்பட்டதை அறிந்து கொள்வர்.

CO4:.அவள் விடை பெற்றாள், தேசிய உள்ளம், பறந்து போனாளே ஆகிய அனுபவப் பனுவல்களைக் கவிஞர் கண்ணதாசன் எழுத்துகள் வழி அறிந்து கொள்வர்.

CO5:. ரோஜாவின் ராஜா, சங்கம் ,ஒன்றிய சிந்தை, வாதையுற்ற வடக்கு ஆகிய கட்டுரைகள் மூலமாக நூலாசிரியரின் அனுபவங்களை அறிந்து கொள்வர்,

Mapping of Course Outcomes to Program Outcomes

CO/ PO/ PSO	PO								PSO				
	1	2	3	4	5	6	7	8	1	2	3	4	5
CO 1	3	3	3	3	3	2	3	2	3	3	2	2	2
CO 2	3	2	3	3	3	2	3	3	3	3	3	2	3
CO 3	3	3	3	2	3	3	2	2	3	3	2	3	3
CO 4	3	3	3	3	3	2	3	3	3	3	3	3	2
CO 5	2	2	3	3	2	3	2	3	3	3	2	3	2
CO 6	3	3	2	2	3	3	3	2	3	3	3	3	2

நோக்கம்:

அனுபவம் வாய்ந்த ஒரு ஆளுமையின் தன்வரலாற்றை மாணவர் சமூகத்திற்கு எடுத்துச் சொல்லுதல்.

பயன்:

தனிநபர் ஆளுமையின் பயணத்தில் நடந்த அனுபவங்களை அறிந்து கொள்ளுதல். அதிலிருந்த நல்ல சாராம்சங்களை மாணவர் சமூகம் தம் வாழ்வுக்குப் படிப்பினையாக எடுத்துக் கொள்ளுதல்.

அலகு 1: வேதாளமும் முருங்கை மரமும் - -முள்ளின் மீதும் மோகன ராகம்.

அலகு 2: ஓவியத்தில் சிலந்திக்கூடு- - விதியின் பிழை

அலகு 3: கண்மணித் தென்றல் - நினைத்ததை முடிப்பேன் - -பின்னோக்கிய நினைவு

அலகு 4: அவள் விடை பெற்றாள்- - தேசிய வெள்ளம் - -பறந்து போனாளே- - தேசிய வெள்ளம்

அலகு 5: ரோஜாவின் ராஜா- - சங்கமம் - -ஒன்றே சிந்தை- - வாதையுற்ற வடக்கு-

பாடநூல்:

கவியரசர் கண்ணதாசன்   மனவாசம்

வானதி பதிப்பகம்

தி நகர் சென்னை 17

(அக்டோபர் 2006)

044.∴.24342810--, 24310769

Question Pattern

B.A Tamil major / Allied papers

For those who joined in 2021 -2022 onwards

Time: 3Hrs   **Max Marks :75**

Section-A

Answer All the Questions   **(10x1=10)**

(Two questions from each unit)

Pickout the correct one from the given answers

Section-B

Answer All the Questions   **(5x5=25)**

Either or Pattern

(Two Questions from each unit)

Section-C

Answer All the Questions   **(5x8=40)**

Either or Pattern

(Two Questions from each unit)

Code No :   Sub.Code:

B.A (CBCS)DEGREE EXAMINATION,

FIRST SEMESTER

Tamil –Allied

நாட்டுப்புறவியல் -I

(For those Who joined in July---- onwards)

Time : Three Hours   Maximum : 75 Marks

பகுதி-அ- (10x1=10மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் சரியான விடையைத் தேர்வு செய்க.

1.மனிதனைப்பற்றிய உருவத்தோற்ற பண்பாட்டு வளர்ச்சியை ஆராய்வது

    (அ) மானிடவியல்   (ஆ) சமூகவியல்

    (இ) தத்துவயியல்   (ஈ) மொழியியல்

2.மனித நடத்தை பற்றிய ஆய்வு

    (அ) வரலாற்றியல்   (ஆ) உளவியல்

    (இ) புவியியல்   (ஈ) நடத்தையியல்

3.`தாய்மை உலகிற்கு வழங்கிய முதல் இலக்கியப் பரிசுதான் தாலாட்டு

யார் கூற்று.

    (அ) சக்திவேல்   (ஆ) வானமாமலை

    (இ) தமிழண்ணல்   (ஈ) நடராசன்

4. இறந்தவர்களை நினைத்து அவர்கள் மீது பாடப்படும் பாடல்

    (அ) தாலாட்டு   (ஆ) குழந்தைப்பாடல்

    (இ) தெம்மாங்கு பாடல்   (ஈ) ஒப்பாரிப்பாடல்

5. திருநெல்வேலி மாவட்டத்தில் பாடப்படும் கதைப்பாடல்

    (அ) உடுக்கடிப்பாடல்   (ஆ) கும்மிப்பாடல்

    (இ) வில்லுப்பாட்டு   (ஈ) குரவைப்பாட்டு

6. கதைகள் குழந்தைகளுக்கு எதனைப் போதிக்கின்றன ?

    (அ) நீதிபோதனை   (ஆ) விளையாட்டு

    (இ) குறும்புத்தனம்   (ஈ) பிடிவாதம்

7.பழமொழி நானூறு என்ற நூலின் ஆசிரியர்

    (அ) பெர்சிவல்   (ஆ) ஜான்லாக்

    (இ) பௌரா   (ஈ) முன்றுறை அரையனார்

8. அழிப்பாங்கதை என வழங்கப்படுவது?

    (அ) பழமொழி   (ஆ) புராணம்

    (இ) விடுகதை   (ஈ) கதைப்பாடல்

9. புராணம் - என்பதன் பொருள்

    (அ) பழமை   (ஆ) புதுமை

    (இ) சிறுமை   (ஈ) பெருமை

10. "தொன்மங்கள் இலக்கியங்களின் ஆன்மா" –யார் கூற்று.

    (அ) மார்க்ஸ் முல்லர்   (ஆ) அரிஸ்டாட்டில்

    (இ) விளாடிமிர்   (ஈ) வில்லியம்

பகுதி ஆ- (5x5=25மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் 250 சொற்களில் விடை தருக.

வினா (அ) அல்லது (ஆ) தோந்தெடு.

11. (அ) நாட்டுப்புறவியல் விளக்கம் தருக.

(அல்லது)

(ஆ) அமைப்பியல் கோட்பாடு குறித்து எழுதுக.

12. (அ) கொண்டாட்டப் பாடல்கள் குறித்து எழுதுக.

(அல்லது)

(ஆ) ஒப்பாரிப் பாடல்களின் கருத்துகளை எழுதுக.

13. (அ) நாட்டுப்புறக் கதைப்பாடல்கள் உணர்த்தும் சமூகக்
    கருத்துகளைத் தருக.

                    (அல்லது)

   (ஆ) நாட்டுப்புறக் கதைகள் பற்றி எழுதுக.

14. (அ) பழமொழியின் சிறப்புகளை எழுதுக.

                    (அல்லது)

   (ஆ)பழமொழிக்கும் விடுகதைக்கும் இடையேயுள்ள வேறுபாடுகளைத்

       தருக.

15. (அ) ஊர்ச் சிறப்பை எடுத்துரைக்கும் புராணக்கதை ஒன்றை எழுதுக.

                    (அல்லது)

   (ஆ)புராணம் என்றால் என்ன ? விளக்குக.

            பகுதி இ - (5x8=40மதிப்பெண்கள்)

        அனைத்து வினாக்களுக்கும் 600 சொற்களில் விடை   தருக.

            வினா (அ) அல்லது (ஆ) தோந்தெடு.

   16.(அ) நாட்டுப்புறவியல் குறித்து அறிஞர்களின் கருத்துகளை எழுதுக.

                    (அல்லது)

   (ஆ) நாட்டுப்புறவியலுக்கும் பிறவியலுக்கும் இடையேயானதொடர்பினை

       விவரி.

17. (அ) நாட்டுப்புறப் பாடல்களின் தன்மை வகைப்பாடு – குறித்து

       எழுதுக.

                    (அல்லது)

   (ஆ) தாலாட்டுப் பாடல்கள் குறித்து கட்டுரை வரைக.

18. (அ) கதைப்பாடல்கள் காட்டும் நம்பிக்கைகளும், பழக்கவழக்கங்களும்

       குறித்து   கட்டுரை வரைக.

                    (அல்லது)

   (ஆ) நாட்டுப்புறக் கதைகளின் வகைப்பாட்டினை விவரி.

19.(அ) தழிழ் இலக்கியங்களில் காணப்படும் பழமொழி குறித்து விவரி.

                    (அல்லது)

   (ஆ) விடுகதையின் தோற்றம் வளர்ச்சி குறித்து எழுதுக.

20.(அ) தலபுராணங்களின் தோற்றம் , தற்கால வளர்ச்சி வரை விளக்குக.

(அல்லது)

(ஆ) புராணக்கதைகளின் தோற்றம் வளர்ச்சி குறித்து எழுதுக.

Don Bosco College of Arts and Science, Keela Eral

VISION AND MISSION

Vision:

Don Bosco College of Arts and Science, inspired by divine and human values, envisages enlightenment and empowerment of the youth towards personal and social transformation.

Mission:

1. To make higher education qualitative, inclusive, cost effective and accessible to the rural masses.
2. To exercise a preferential option in favor of the rural youth especially the First Generation Learners and socially and economically weaker sections of the society.
3. To facilitate the actualization of individual potential, integrating knowledge, skills, values and behaviour and prepare the students to face the global opportunities and challenges of a meaningful life and career.
4. To constantly pursue higher standards of excellence, integrity and credibility in all endeavors and transform the students, in collaboration with all the stakeholders of higher education, to be agents of social transformation.

DEPARTMENT OF COMPUTER APPLICATIONS

VISION AND MISSION

Vission of the Department : We envision proficient students of technology who embody character and service.

Mission of the Department : To inculcate values and self-discipline in the students. To impart knowledge of the new trends in technology. To make the students proficient in the academic subjects. To instill employability skills and life coping skills. To inspire confidence and service mindedness

REAMBLE

Bachelor of Computer Applications (BCA) is a 3 – Year Under Graduate Programme Spread over Six semesters. This Programme is designed to bridge the gap between IT industries and Academic institutes by incorporating the latest development, into the Curriculum and to give students a complete understanding within a structured framework. This Programme helps the students to build-up a successful Career in Computer Science and for pursuing Higher Studies in Computer Science

4. PROGRAMME STRUCTURE

BCA
(ChoiceBased Credit System)

Sem. (1)	Pt .I/II/ III/ IV/V (2)	Sub No. (3)	Course Status(4)	Course Title(5)	Con-tact Hrs/ Week (6)	L Hrs./ Week (7)	T Hrs./ Week (8)	P Hrs./ Week (9)	C Credits (10)
I	I	1	Language	Tamil / Other Language	6	6	0	0	4
	II	2	Language	Communicative English-I	6	6	0	0	4
	III	3	Core-I	Programming in C	4	4	0	0	4
	III	4	Major Practical - I	C Programming Lab	4	0	0	4	2
	III	5	Add on Major (Mandatory)	Professional English for PhysicalSciences - I	4				4
	III	6	Allied - I	Digital Design	4	4	0	0	3
	IV	7	Common	Environmental Studies	2	2	0	0	2
		Subtotal			**30**				**23**
II	I	8	Language	Tamil/Other Language	6	6	0	0	4
	II	9	Language	Communicative English-II	6	6	0	0	4
	III	10	Core-II	Object Oriented Programmingwith C++	4	5	0	0	4
	III	11	Major Practical - II	Object Oriented Programmingwith C++ Lab	4	0	0	4	2
	III	12	Add on Major (Mandatory)	Professional English for PhysicalSciences - II	4				4
	III	13	Allied - II	Mathematical Foundation forComputer Science	4	3	0	0	3
	IV	14	Common	Value Based Education / r%fxOf;fq;fSk gz;ghL;L tp0kpaq;fSk / Social Harmony	2	2	0	0	2
		Subtotal			**30**				**23**

Sem	PartI /II/II I/IV/ v/vI	Sub. No.	Subject Status	Subject Title	Contact Hrs/ week	L Hrs/ Week	T Hrs/ Week	P Hrs/ Week	Credits
III	III	15	Core	Java Programming	5	5	0	0	4
	III	16	Core	Financial Accounting	4	4	0	0	4
		17	Core	Introduction to Operating Systems	4	4	0	0	4
	III	18	Major Practical III	Java Programming Lab	4	00	0	4	2
	III	19	Allied - III	Data Structures	3	3	0	0	3
	III	20	Allied Practical III	Data Structures LAB	4	0	0	4	2

Sem	Part	No	Category	Title					
	III	21	Skill based Core Theory I	Programming with PHP and MySQL	4	4	0	0	4
	IV	22	Non major elective	Introduction to IT/Introduction to Computers	2	2	0	0	2
	IV	23	Common	Yoga(Excluding Contact Hours & Credit)	2	2	0	0	2
				Sub Total	**30**				**25**
IV	III	24	Core	Python Programming	5	5	0	0	4
	III	25	Core	Software Engineering	4	4	0	0	4
		26	Core	Resource Management Techniques	4	4	0	0	4
	III	27	Major Practical IV	Python Programming Lab	4	0	0	4	2
		28	Allied - IV	Accounting Software- Tally	3	3	0	0	3
	III	29	Allied Practical IV	Tally Lab	4	0	0	4	2
	III	30	Skill Based core Theory II	Micro Processor	4	4	0	0	4
	IV	31	Non major elective	Introduction to Internet with HTML/ Office Automation	2	2	0	0	2
	IV	32	Common	Computer for digital era(Excluding Contact Hours & Credit)	2	2	0	0	2
	V	33	Extension activity	NCC,NSS,YRC,YWF	-	0	0	-	1
				Sub Total	**30**				**26**
V	III	34	Core	Machine Learning Using Python	4	4	0	0	4
	III	35	Core	Web Technology	5	5	0	0	4
	III	36	Core	Relational Database Management Systems	6	6	0	0	4
	III	37	Major Practical V	RDBMS Lab	4	0	0	4	2
	III	38	Major Elective I	E-Commerce/Design and Analysis of Algorithms/Cyber Security/Multimedia	4	4	0	0	4
	III	37	Project	Mini Project	5	0	0	5	4
	IV	38	Common	Personality Development	2	2	0	0	2
				Sub Total	**30**			**24**	
	III	39	Core	Cloud Computing	4	4	0	0	4

VI	III	40	Core	Data Communications and Networking	5	5	0	0	4
	III	41	Core	VB.Net	6	6	0	0	4
	III	43	Major Practical VI	VB.Net Lab	4	0	0	4	2
	III	44	Major elective II	Computer Graphics/Web Services/Software Project Management/ Artificial Intelligence	4	4	0	0	4
	III	45	Project	Major Project -(group)	7	0	0	0	7
			Sub Total		**30**				**25**

5. EVALUATION SCHEME (INTERNAL,EXTERNAL,PASSING MINIMUM)

Evaluation Scheme

Internal Marks	25 Marks
External Marks	75 Marks
Maximum Marks	100 Marks
Passing Minimum	40 Marks

6. MODEL QUESTION PAPER

MODEL QUESTION PAPER- CBCS-PATTERN (UG COMPUTER APPLICATIONS)

MAXIMUM MARKS: 75   TIME: 3 HOURS

Part –A (10×1 = 10 Marks)

Answer all the questions, Choose the correct answer

Question No. 1,2	Unit –I	Question No. 7,8	Unit –IV
Question No. 3,4	Unit -II	Question No. 9,10	Unit –V
Question No. 5,6	Unit –III		

Part –B(5×5 = 25 Marks)

Answer all the questions, Choosing either (a) or (b).

Question No. 11(a) or11 (b)	Unit –I	Question No. 14(a) or14 (b)	Unit –IV
Question No. 12(a) or12 (b)	Unit -II	Question No. 15(a) or15 (b)	Unit –V
Question No. 13(a) or13 (b)	Unit –III		

Part –A (8×5 = 40 Marks)

Answer all the questions, Choosing either (a) or (b).

Question No. 16(a) or16 (b)	Unit –I	Question No. 19(a) or19 (b)	Unit –IV
Question No. 17(a) or17 (b)	Unit –II	Question No. 20(a) or20 (b)	Unit –V
Question No. 18(a) or18 (b)	Unit –III		

7. PROGRAMME OUTCOMES FOR BCA

PROGRAMME OUTCOMES

PO1: Computational information: Appreciate and apply mathematical organization, computing and domaininformation for the conceptualization of computing models from clear harms.

PO2: Difficulty Analysis: Talent to classify, significantly evaluate and prepare complex computingproblems using fundamentals of computer knowledge and request domains.

PO3: Accomplish Investigations of Compound Computing Troubles: Ability to invent and waysexperiments interpret data and present well up to date conclusions.

PO4: Current Implement Procedure: Skill to select recent computing tools, skills and techniquescompulsory for original software solutions

PO5: Proficient Principles: Facility to apply and give expert principles and cyber systems in a universalmonetary situation.

PO6: Modernization and Private Enterprise: Classify opportunities, private enterprise dream and use oforiginal thoughts to build worth and means for the betterment of the human being and the world.

8. PROGRAMSPECIFIC OUTCOMES

PSO1: An ability to enhance the application of knowledge of theory subjects in diverse fields.

PSO2: Develop language proficiency to handle corporate communication demands.

PSO3: In order to enhance programming skills of the young IT professionals, the concept of projectdevelopment in using the technologies learnt during the semester has been introduced.

PSO4: To enhance knowledge in robotics, provide experimental hardware equipment for teaching the basicsof robotics, robot dynamics and control, and robot system design and application.

PSO5: To enhance logical ability and programming concepts by implementing programming lab.

PSO6: Ability to understand the changes or future trends in the field of computer application.

PSO7: Ability to identify, formulate, analyze and solve problems of programming using differentlanguages.

COURSE OUTCOMES

Semester-I

Core-I

Programming in C

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core-I		Program ming in C	60	----	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
I	I	25	75	100

Objective: Aims to provide exposure to basic concepts of C programming. It familiarizes basic syntax, compilation and execution of C programming. It explores Arrays, Functions, structures and file concepts. It also provides design, code test and debug in C programming.

Course Outcomes: On successful completion of the course ,the students should be able to

CO No.	Course Outcome	Course Attainment
CO1	To understand basic understanding of computers and programming syntax.	K1
CO2	To explore basic understanding of computers and programming syntax.	K2
CO3	To implement standard libraries, operators, functions and arrays	K3
CO4	To create C programming with features like pointers and structures.	K4

CO5	To implement various file handling techniques.	K5

K1 – Understand, K2 – Apply, K3 – Analyze, K4 – Evaluate, K5 Create

Course Content

Unit I   (12 Hours)

Overview of C:

Introduction- Importance of C - Sample C Programs - Basic structure of C - Executing C program

Constant, variables and data types:

Introduction- Character set - tokens – keywords and identifiers – constants – variables- data types – declaration of variables – assigning values of variables.

Operators and expressions:

Introduction – arithmetic of operations- relational operator – assignment operator – increment and decrement operator – conditional operator – bitwise operator – special operator – evaluation of expressions – precedence of arithmetic operators – type conversion in expression- operator precedence and associatively- mathematical functions

Unit II   (12 Hours)

Managing input and output operators:

Introduction: Reading a character- writing a character – formatted input – formatted output

Decision making and branching:

Introduction – decision making with IF statement- simple IF statement – The IF ELSE statement- nesting of IF – ELSE statement –ELSE IF ladders- The switch statement – The ?: operators – The GOTO statement

Decision making and looping:

The **while** statement – The **do** statement – The **for** statement- Jump in loops

Unit III   (12 Hours)

Arrays:

One dimensional arrays –Two dimensional arrays -Initializing two dimensional arrays – multi dimensional arrays

Handling of character strings:

Introduction: declaring and Initializing string variables- Reading string from terminal- writing string to screen – arithmetic operation on characters – putting strings together – comparison of two strings together – string handling functions

Unit IV   (12 Hours)

User defined functions:

Introduction – need for user- define functions- A multi- function program – The form of C functions-return values and their types – calling a function- category of function – no argument and no return values – argument with no return values -argument with return values – handling of non integer functions – nesting of functions – recursion – function with arrays – the scope and life time of variables in functions.

Unit V Pointers   (12 Hours)

Introduction: understanding pointers – accessing the address of variables – declaring and initializing pointers – accessing a variable through its pointer – pointer expressions – pointer increments and scale factor – pointers and character strings – pointers and functions – points on pointer.

Text Book:

Programming in ANSI C – E.Balagurusamy, Tata McGraw-Hill Publishing Company, 2008.

Reference Book:

Programming with ANSI and Turbo C – Ashok N. Kamthane, Pearson Education, 2008.

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO5	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO4	H	K4
CO5	PO3, PO4	H/M	PSO4, PSO5	H/M	K5

Semester-I

Allied Paper-I

DIGITAL DESIGN

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Allied		Digital Design	45	-	-	3

Contact hours per semester:45
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
I	I	25	75	100

Objective: To familiarize the student with basic principles and fundamentals in digital logics and design. To develop basic skills using tools and theory used in design process. To understand the creative process, develop techniques and methods of creative problem solving.

Course Outcomes: On successful completion of the course ,the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO 1	Definition of digital logics and Circuits	K1
CO 2	Understand about the digital devices	K2
CO 3	Understand about digital arithmetic circuits	K2
CO 4	Acquire Knowledge on basics of Gates and its Applications.	K4
CO 5	Have the necessary understanding on Registers for Counting Applications	K4

K1 – Understand, K2 – Apply, K3 – Analyze, K4 – Evaluate, K5 Create

Course Content

Unit I : (15 Hours)

Digital System and binary numbers:

Digital systems – binary numbers – number base conversion – Octal and hexa decimal numbers – complements – signed binary numbers – binary codes – binary storage and registers – binary logic.

Boolean algebra:
Introduction – basic definition – axiomatic definition of Boolean algebra – basic theorem and properties and ofBoolean algebra – Boolean functions.

Unit II : (15 Hours)

Logic gates:
Canonical and standard forms – other logic operations – digital logic gates and integrated circuits.

Gate-Level minimization:
Introduction : The Map method – Four- variable Maps –Five-variable Map – Product –of-sums simplifications-Don't conditions.

Unit III : (15 Hours)

NAND and NOR implementation- other two level implementations – Exclusive OR Functions.

Combinational Logic: Introduction – Combinational circuits – Analysis Procedure - Design Procedure

– Binary Adder – Subtractor – Decimal Adder - Binary Multiplier - Magnitude Comparator.

Unit IV :   (15 Hours)

Combinational Logic: Decoders - Encoders – Multiplexers.

Synchronous Sequential Logic:

Introduction –Sequential Circuits – Storage Element Latches - Storage Element Flip- Flops - Analysis ofClocked Sequential Circuits.

Unit V :   (15 Hours)

Registers and Counters: Registers – Shift Registers – Ripple Counters – Synchronous Counters – OtherCounters.

Memory : Introduction – Random access memory – Memory Decoding – Error Detection and Correction – Read Only Memory.

Text Book:

Digital Design - Fourth Edition – M.Morris Mano, Michael D Ciletti,- Prentice Hall of India Pvt Ltd., 2007.

Reference Books:

1.Digital Principles and Applications – Albert Paul Malvino, Donald P Leach, Tata McGraw-Hill PublishingCompany Ltd.

2.Digital Principles and Design – Donald D.Givone, Tata McGraw-Hill Publishing Company Limited

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO5	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO4,PSO5	H/M	K4
CO5	PO3, PO4	H/M	PSO4	H	K5

Semester -II
Core II
OBJECT ORIENTED PROGRAMMING WITH C++

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial(T)	Practical	Credit(C)

Part-IV	Core-II		OBJECT ORIENTED PROGRAM MING WITH C++	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
I	II	25	75	100

Objective: Impart knowledge of object oriented programming concepts and implement them in C++. Enable to differentiate procedure oriented and object-oriented concepts. Equip with the knowledge of concept of Inheritance so that learner understands the need of inheritance. Explain the importance of data hiding in object oriented programming

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO1	Define complete overview of Data types, functions, control statements and pointers.	K1
CO2	Apply Object Oriented Programming Concepts.	K2
CO3	Demonstrate the use of virtual functions to implement polymorphism.	K5
CO4	Demonstrate Function Overloading and Operator Overloading concepts	K6
CO5	Illustrate Templates, Files and Exception Handling.	K4

K1 – Remember, K2 – Understand, K3 – Apply, K4 – Analyze, K5–Evaluate,K6 – Create

Course Content

UNIT I (12 Hours)

Principles of Object-oriented Programming: Software Evolution – A look at Procedure-Oriented Programming – Object-Oriented Programming Paradigm – Basic concepts of object-Oriented Programming – Benefits of OOP – Object-Oriented Languages- Applications of OOP

Beginning with C++ : What is C++? – Applications of C++ - A simple C++ Program – More C++ Statements – An example with Class- Structure of C++ Program – Reference Variables – Operators in C++ - Scope Resolution Operator – Member De referencing Operators – Memory Management Operators – Manipulators – Type Cast Operators

UNIT II (12 Hours)
Functions in C++: Introduction – The Main Function – Function prototyping – Call by Reference – Return by reference – Inline Functions - Default Arguments – const Arguments – Function Overloading – Math Library Functions
Classes and Objects: Introduction - C Structure Revisited – Specifying a Class – Defining Member Function- A C++ Program with Class -Making an outside Function Inline –Nesting of Member

Function – Private member functions- Arrays with in a class – Memory allocation for objects – Static Data Members – Static Member Functions, Arrays of objects – Objects as Function arguments – Friendly Functions – Returning Objects - Pointers to Members – Local Classes

UNIT III   (12 Hours)

Constructors and Destructors : Introduction – Constructors – Parameterized constructors – multiple constructors in a class – Constructors with Default arguments – Dynamic Initialization of Objects- Copy Constructors – Dynamic Constructors – Constructing two dimensional Arrays –Destructors **Operator Overloading and Type Conversion:**

Introduction – Defining Operator Overloading – Overloading unary operators – Overloading Binary Operators– Overloading binary operators using Friends – Manipulation of strings using operators – Rules for overloading operators – Type conversions

UNIT IV   (12 Hours)

Inheritance : Extending Classes : Introduction – Defining Derived Classes – Single inheritance – Making a Private Member Inheritable – Multilevel Inheritance – Multiple Inheritance – Hierarchical Inheritance – Hybrid Inheritance – Virtual Base Classes -Abstract Classes – Constructors in Derived Classes – Member Classes –Nesting of Classes

Unit V   (12 Hours)

Managing Console I/O Operations: Introduction - C++ Streams – C++ Stream Classes – Unformatted I/O Operations – Formatted Console I/O Operation – Managing output with Manipulators.

Working with Files: Introduction – Classes for File Stream Operators – Opening and closing a File – Detecting end-of-file _ File Pointers and their Manipulators – Sequential Input and Output Operations – Error Handling during File Operations – Command –Line Arguments.

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	M	PS01, PSO5	M/M	K1
CO2	PO2, PO4	H/M	PS02, PSO3	H/M	K2
CO3	PO3	H	PSO4,PS06	H/M	K5
CO4	PO5,PO6	M/H	PSO5	M	K6
CO5	PO7	H	PSO4,PSO7	H/H	K4

Text Book:

Object Oriented Programming C++ -Third Edition – E Balagurusamy, Tata McGraw-Hill Publishing CompanyLimited, 2008.

Reference Book:

1. Complete Reference C++ - Herbert Schildt, Fourth Edition, Tata McGraw-Hill PublishingCompany Limited, 2003.
2. Object Oriented Programming with ANSI and Turbo C++ - Ashok N. Kamthane, PearsonEducation, 2003.
3. C++ How to Program – Deitel, Fifth Edition Prentice Hall of India, 2004.
4. Programming with C++ - D.Ravichandran, Second Edition , Tata McGraw-Hill PublishingCompany Limited,2003.

Mathematical Foundation for Computer Science

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-IV	Allied		Mathematical Foundation for Computer Science	3	-	-	3

Contact hours per semester:45
Contact hours per week:3

Year	Semester	Internal Marks	External Marks	Total marks
I	II	25	75	100

Objective: To introduce the concepts of mathematical logic. To introduce the concepts of sets, relations, and functions. To perform the operations associated with sets, functions, and relations. To relate practical examples to the appropriate set, function, or relation model, and interpret the associatedoperations and terminology in context. To introduce generating functions and recurrence relations. To use Graph Theory for solving problems.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcomes	Knowledge Level
CO 1	Ability to apply mathematical logic to solve problems.	K1
CO2	Understand sets, relations, functions, and discrete structures.	K3
CO3	Able to use logical notation to define and reason about fundamental mathematical concepts such as sets,relations, and functions.	K6
CO4	Able to model and solve real-world problems using graphs and trees.	K4

K1 – Remember, K2 – Understand, K3 – Apply, K4 – Analyze, K5–Evaluate,K6 – Create

Course Content

UNIT I   (15 Hours)

Set Theory : Basic Concepts of Set Theory - Inclusion and Equality of Sets – Power Set – Operations on Sets –Cartesian Products – Relations – Equivalence Relations

UNIT II   (15 Hours)
Functions: Definition – Examples – One and Onto Functions – Bijective Functions – Identify Functions - Composition of Functions – Inverse Functions

Unit III   (15 Hours)
Mathematical Logic : Statements and Notation – Connectives – Negation, Conjunction, Disjunction – Statement Formulas and Truth Tables – Conditional and Bi conditional – well formed Formulas – Tautology – Equivalence of Formulas – Duality Law – Principle Disjunctive Normal

Forms – Principal conjunctive NormalForms

Unit IV (15 Hours)

Graph: Definition – Examples – Sub graphs – Finite and Infinite Graph – Degree of a Vertex –
Isolated and Pendent Vertices – Types of Graphs –Examples

Unit V (15 Hours)

Paths and Circuits: Walk, Path and Circuits – Connected and Disconnected Graphs – Euler
Graphs – Operations on Graphs – Trees – Properties of Trees – Rooted and Binary Trees.

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	M	PS01, PSO3	M/H	K1
CO2	PO3	H/M	PS02, PSO5	H/H	K3
CO3	PO2,PO4	M/H	PSO5,PS06	H/M	K6
CO4	PO5	H	PSO4	M	K4

Text Book:

Mathematical Foundations for Computer Science – Part I - D Glory Ratna Mary, Y.S.Irine
Viola, VedaPublications

Reference Books:

1. Modern Algebra – Arumugam and Isaac, SciTech Publications.
2. Graph Theory - Arumugam and Isaac, SciTech Publications.
3. Discrete Mathematics for Computer Science – Hary Haggard, John Schlipf and
SueWhitesides,Thomson Publications.

Semester-III
Core-III
JAVA PROGRAMMING

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core-III		Java Programming	5	-	-	4

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
II	III	25	75	100

Objective: To learn Object Oriented Programming language. To learn about Networking and event handling concepts. To handle abnormal termination of a program using exception handling. To design user Interface using AWT.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To get knowledge of the structure and model of the Java programming language.	K1
CO2	To understand how to design applications with threads in Java.	K2
CO3	To get Knowledge for developing software in the Java programming language.	K3
CO4	To learn how to use exception handling in Java applications.	K4
CO5	To use the Java programming language for various programming technologies.	K5

K1 – Understand, K2 – Apply, K3 – Analyze, K4 – Evaluate, K5 Create
Course Content

UNIT – 1 HISTORY, DATA TYPES AND OPERATORS   **(12 Hours)**

History & Evolution of Java: Creation of Java – The java Buzz words – An overview of Java Object Oriented Programming. **Data types**: A closer Look at Literals – Variables – Type conversion and casting – Automatic type promotion in Expressions. **Arrays:** One Dimensional Array – Multi Dimensional Arrays. **Operators**: Arithmetic Operators – Bitwise operators – Relational operators – Boolean Logical operators – Assignment operators –Conditional operators–Operator Precedence—Control statements.

UNIT - 2 CLASSES, METHODS AND INHERITANCE AND ABSTRACT CLASS   (12 Hours)

Class Fundamentals – Declaring objects – Assigning object Reference variables – Introducing Methods – Constructors – This Keyword - Garbage collection. **A Closer Look at Methods and Classes**: Overloading Methods
– Overloading Constructors –Using object as parameters – Returning objects – Recursion – Introducing Access control – understanding static – Introducing final – Nested and Inner classes – String class – String Buffer Class – Using command line arguments. **Inheritance**: Basics – Using super – creating Multilevel Hierarchy – Method overriding – Dynamic Method Dispatch – Using Abstract class – Using final with inheritance.

UNIT-3 PACKAGES, INTERFACES, EXCEPTION HANDLING AND MULTITHREADING (12 Hours)

Packages –Access Protection -Importing packages – Interfaces. **Exception Handling**: Fundamentals – Exception Types – Uncaught Exceptions – Using try and catch – Multiple catch clauses – Nested try statements – throw- throws- finally – Java's Built – in Exception – creating your own Exception subclasses. **Multithreaded Programming**: Java Thread Model – Main Thread – Creating a Thread - Creating Multiple Threads–Using is Alive () and join () – Thread priorities – Synchronization – Interthread Communication – Suspending Resuming: and stopping Threads.

UNIT – 4 NETWORKING, APPLETS AND EVENT HANDLING   **(12 Hours)**

Networking Basics – Networking Classes and Interfaces – Inet Address – Inet4 Address and Inet6 Address – TCP/IP client Sockets – URL – URL Connection – HTTP URL Connection – Cookies. **The Applet Class**: An Applet skeleton – Simple Applet Display Methods – Example programs. **Event Handling**: Two Event handling Mechanisms – Delegation Event Model – Event classes – Sources of Events – Event Listener Interfaces Handling Mouse events – Handling Keyboard events.

UNIT - 5 AWT AND AWT CONTROLS   (12 Hours)

AWT Classes – Window fundamentals – working with Frame Windows - working with Graphic and color.

Using AWT controls: Controls fundamentals – Labels – using Buttons – Applying check Boxes – Check Box group
– Choice controls – Using a Text field – Using a Text Area – Understanding Layout Managers (Flow Layout only) –Menu Bars and Menus.

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO5	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO4	H	K4
CO5	PO3, PO4	H/M	PSO4, PSO5	H/M	K5

TEXT BOOK:

JAVA - The Complete Reference -Herbert Schildt, Eleventh Edition, Oracle Press, 2019.

REFERENCE BOOKS:

1. Core and Advanced Java Programming – Black Book, Dreamtech Press, 2018

2. Programming with Java - A Primer, E. Balaguruswamy, Sixth Edition, 2016.

Semester -III
Core
FINANCIAL ACCOUNTING

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	**Core**		**Financial Accounting**	**4**	**-**	**-**	**4**

Contact hours per semester:60Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks

II	III	25	75	100

Objective: To impart basic accounting knowledge. To provide knowledge on the fundamental of financial accounting. To expose the student to various financial transaction and its current applications.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To acquire knowledge about general aspects of business operations.	
CO2	To explain the concepts and procedures of financial reporting, including income andexpenditure statement, balance sheet etc.	
CO3	To locate and analyze financial data from annual reports of corporations.	

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT -1 BASIC CONCEPTS OFACCOUNTING

Introduction to Accounting : Need for Accounting –Accounting as the language of business – Attributes and steps of Accounting –Book keeping Vs Accounting – Branches of Accounting – Methods of Accounting – Types of Accounting – Accounting Rules - Bases of Accounting – Accounting terminology. Basic Accounting Concepts: Meaning and classification of Accounting- Accounting Concepts – Accounting Conversion – Accounting equations.

(10 L)

UNIT – 2 JOURNAL AND LEDGER

Recording a Financial Data: Memorandum Book, business transaction, Journal, Rules for Debit and Credit, Compound Journal entry, Advantages of Journal, Ledger, Ledger Account, Ledger Posting, Process of Posting, Balancing of An Account, Significance of Balances, Relation between Journal and Ledger-Subsidiary Books.   **(15 L)**

UNIT – 3 PREPARING TRIAL BALANCE

Trial Balance: Objects, Methods of Preparing Trial balance, how to locate errors, hints for the preparation of trial balance & problems.   **(11 L)**

UNIT -4 FINAL ACCOUNTS

Trading account – individual items posted to the debit of trading account – individual items credited to trading account – advantages of trading account – profit & loss account - advantages of profit & loss account- manufacturing account- balance sheet- classification of assets & liabilities.   **(12L)**

UNIT – 5 ACCOUNTS FOR NON PROFIT ORGANISATION

Introduction – Final accounts of no trading concern- receipts and payments account – features- income & expenditure account – feature- distinction between the two – treatment of special

items – some important adjustments – types of problems – Distinction between income and expenditure account and profit and loss account – accounts of professional men. **(12 L)**

TEXT BOOKS:

1. Financial Accounting - T.S.Reddy, A.Murthy – Margham Publications, 2012.

2. Fundamentals of Advanced Accounting - R.S.N.Pillai, Bagavathi, S.Uma, 5th

   Edition,S.Chand Publication, 2012.

REFERENCE BOOKS:

1. Essentials of Financial Accounting – Asish K.Bhattacharayya, PHI, 2020.

2. Advanced Accountancy - S.P.Jain and Narang – Kalyani Publications, 2017.

SEMESTER-III
CORE
Introduction to Internet with HTML

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	**Core**		**Introduction to Internet with HTML**	**4**	**-**	**-**	**4**

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	**III**	**25**	**75**	**100**

Objective: To learn the principle of Web page design. ⬜ To visualize the basic concept of HTML. To recognize the elements of HTML.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To create a web page.	K6
CO2	To validate a web page.	K5
CO3	To publish a web page	K3

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I INTRODUCTION TO INTERNET
Computer in business-networking-internet- e-mail-gopher-world wide web, Internet Technologies – Internet Browsers.
(12L)

UNIT II INTRODUCTION TO HTML
History of HTML - HTML generation and Documents – Tags and Links – Head and Body Section.
(12 L)

UNIT III DESIGNING TABLES
Designing Body Section – Ordered and Unordered List – Table Handling. **(12 L)**

UNIT IV INTRODUCTION TO DHTML

Features of DHTML – Defining styles – Working with Colors – Text and Fonts with Style. **(12 L)**

UNIT V FRAMES

Frame set Definition – Nested frames – A web design project – forms. **(12L)**

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1,PO2	H/H	PS01	H	K1
CO2	PO5	H	PS02, PSO5	H/M	K2
CO3	PO3,PO6	H/H	PS04	H	K3

TEXT BOOK:
1. World Wide Design with HTML by C.XAVIER – TMH Publications.
REFERENCE BOOK:
1. Fundamental of the internet and the World Wide Web by Greenlaw and Hepp. TMH Publications.

Semester –III

ALLIED -III
DATA STRUCTURE

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	**Allied**		**Data structure**	**3**	**-**	**-**	**3**

Contact hours per semester:45
Contact hours per week:3

Year	Semester	Internal Marks	External Marks	Total marks
II	**III**	**25**	**75**	**100**

Objective: To understand different methods of organizing large amounts of data. To efficiently implement different data structure. To efficiently implement solution for different problems.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	An understanding of the basic data structures. .	K2
CO2	An understanding of the basic search and sort algorithms.	K2
CO3	The appropriate use of a particular data structure and algorithm to solve a problem.	K3,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create
Course Content

UNIT I DATATYPES INTRODUCTION

Introduction: Pseudo code – The Abstract Data Type – A Model for an Abstract Data Type – Algorithms Efficiency. Searching: List Searches – Hashed List Searches – Collision Resolution. **(10 L)**

UNIT II LINKED LISTS

Linear List Concepts – Linked List Concepts – linked List Algorithms – Processing a Linked List – Complex Linked List Structures. **(10 L)**

UNIT III STACKS AND QUEUES

Basic Stacks Operations – Stack Linked List Implementation – Stack Applications – Queue operations – Queue Linked List Design.

(10L)

UNIT IV TREES

Basic Tree Concepts – Binary Tree - Binary Tree Traversals – Expression Trees- General Trees – Binary Search Trees – Heap definition – Heap Structure – Basic Heap Algorithm.

(8L)

UNIT V INTRODUCTION TO GRAPHS

Sorting And Graphs: General Sort Concepts – Quick sort – External sorts. Graphs: Terminology – Operations – Graph storage Structure – Networks. (7L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO4	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO4, PSO5	H/M	K5

TextBook:

1.Data Structures a Pseudo code Approach with C++, Richard F. Gilberg& Behrouz A forouzan, ThomsanBrooks / Cple.

REFERENCE BOOKS:

1.Fundamentals of Data Structures Eilis Horowitz & Sartaj Gal Gotia Publications. 2.Data Structures & Algorithm in Java third edition – Adam Drozdek.

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SEMESTER -III
Skill Based Core-Paper- I
Programming with PHP and My SQL

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Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Skill Based Core		Programming with PHP and My SQL	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	III	25	75	100

Objective:

To understand the concepts of open sources. To learn and use open source database management system MySQL.
To create dynamic web pages and websites. To connect webpages with database.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To understand the concepts of open sources.	K2,K3
CO2	To create dynamic web pages and websites.	K6
CO3	To connect webpages with database.	K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content:

UNIT-I

Introduction: Introduction- Open source PHP – PHP history- features-variables- statements operatorsconditional statements-if-switch-nesting conditions-merging forms with conditional statements-loops-while-do-for – loop iteration with break and continue. **(12L)**

UNIT – II

Arrays and Functions: Arrays: Creating an array- modifying array-processing array-grouping form with arrays- using array functions- creating user defined functions- using files- sessionscookies- executing external programs- Creating sample applications using PHP. **(12L)**

UNIT –III

File Handling Opening files using fopen - looping over a files content with feof- reading text from a file using fgets - closing a file- reading character with fgetc- reading whole file with file_get_contentsreading a fle into into an array with file-checking if a file exists- fscanfparse_ini_file- Getting file information with stat-fseek- copying files with copy- deleting fileswriting to a file-reading and writing binary files –locking files**. (12L)**

UNIT-IV MySQL:

Effectiveness of MySQL -MySQL Tools-Prerequisites for MySQL connectionDatabases and tables- MySQL data types-Creating and manipulating tables-Insertion-updation and deletion of rows in tables -Retrieving data- Sorting and filtering retrieved data -Advanced data filteringData manipulation functions-Aggregate functions -Grouping data- Sub queriesJoining Tables- Set operators-Full text searching. **(12L)**

UNIT-V PHP with MySQL:

Working MySQL with PHP-database connectivity- usage of MYSQLcommands in PHPprocessing result sets of queries- handling errors-debugging and diagnostic functionsvalidating user input through Database layer and Application layerformatting query output with Character- Numeric- Date and time –sample database applications. **(12L)**

Mapping of COs to POs and PSOs : Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO5	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO4	H	K4
CO5	PO3, PO4	H/M	PSO4, PSO5	H/M	K5

TEXT BOOKS:

1. VIKRAM VASWANI- "PHP and MySQL"- Tata McGraw-Hill- 2005

2. BEN FORTA - "MySQL Crash course " SAMS- 2006.

3 . Steven Holzner , The Complete reference PHP, Tata McGraw Hill,2008

REFERENCE BOOKS:

• Tim Converse- Joyce Park and Clark Morgan- "PHP 5 and MySQL" -Wiley India reprint - 2008.

• Robert Sheldon- Geoff Moes- "Beginning MySQL"-Wrox- 2005

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SEMESTER -IV
CORE
VISUAL BASIC

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Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credit (C)
Part-III	Core		Visual Basic	5	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To study properties and events, methods of controls and how to handle events of different controls. To understand the use of active controls and how to design VB application. To study connectivity between VB and databases.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Demonstrate knowledge of programming terminology and how applied using Visual Basic	K4,K6
CO2	Develop a Graphical User Interface (GUI) based on problem description.	K4,K5
CO3	Develop an Event Planning Chart based on problem description so as to define the processing that is to occur based on specific events.	K3,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

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Course Content:

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UNIT I GETTING STARTED WITH VISUAL BASIC 6.0

Introduction to Visual Basic, Visual Basic 6.0 Programming Environment, Working with Forms, Developing an Application, Variables, Data types and Modules, Procedure and Control Structures, Array in Visual Basic, Additional examples. Working with Controls: Introduction, Creating and Using Controls, Working with Control Arrays, Additional examples.
(12 L)
UNIT II MENUS & GRAPHICS

Menus, Mouse Events and Dialog Boxes: Introduction, Mouse Events, Dialog Boxes, Additional examples. Graphics, MDI and Flex Grid: Introduction, Graphics for Applications, Multiple Document Interface (MDI), Using the flex Grid Control, Additional examples.
(12 L)

UNIT III OPEN DATABASE CONNECTIVITY

ODBC and Data Access Objects: Evolution of Computer Architecture, Data Options, Additional examples. ODBC Using Data Access Objects and Remote Data objects: Open Database Connectivity (ODBC), Remote Data objects, Additional examples.
(12 L)

UNIT IV REPORT CREATION

Data Environment and Data Report: Introduction, Data Environment Designer, Data Report, Additional examples. Object Linking and Embedding: Introduction, OLE Fundamentals, Using OLE Container Controls, Using OLE Automation Objects, OLE Drag and Drop, Additional examples. **(12 L)**

UNIT V ACTIVE X CONTROLS

Built – in Active X Controls: Working with Built – In Active X Controls, Additional examples. Working with Active X Data objects; An Overview of ADO and OLE DB, ADO Object Model, Additional examples. Files, and File System Controls: Introduction, File System Controls, Accessing Files, Interface with Windows, Additional examples. (12 L)TEXT BOOK:

1. Visual Basic 6.0 Programming – Content Development Group – Tata McGraw hill Publishing Company Limited, New Delhi. (Chapters 1,2,3,4,5,6,7,8,9,13,16,17)

REFERENCE BOOKS:

1. Microsoft Visual Basic 6.0 Professionals, Michael Halvorson – PHI.
2. Visual Basic 6 in Record Time by Steve Brown, BPB Publications.
3. Visual Basic 6 from the Ground UP – Gary Cornell - Tata McGraw hill.

Semester-IV
Core-V
E COMMERCE

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core		E Commerce	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To provide adequate basic understanding about Management Education among the students. To prepare students to exploit opportunities being newly created in the Management Profession. To train the students in communication skills effectively.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Design and implement an e-commerce application with a shopping cart.	K3, K6

CO2	Integrate the waterfall model in the development of e-commerce applications.	K5
CO3	Integrate user-centered design guidelines in developing user-friendly websites.	K5,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT 1 E - COMMERCE INTRODUCTION

What is Electronic Commerce? – Types of Electronic Commerce Technology. **(12 L) UNIT II E - COMMERCE MODELS AND TYPES**

Types of E-Business Models and Markets - Types of E-Commerce Providers and Vendors - E-Commerce website Creation. **(12 L)**

UNIT III E - COM WEB DEVELOPMENT

Managing E-Commerce website Development – Building Shopping Cart Applications – Mobile Electronic Commerce. **(12 L)**

UNIT IV E - COM DATABASES

Enhancing a web server with E-Commerce Application Development – Strategies, Techniques and tools – Implementing Merchandising Strategies – Implementing E-Commerce Databases. **(12 L)**

UNIT V E - COMMERCE APPLICATIONS

Applying and Managing E-Business Intelligence Tools for Application Development – Types of Security Technologies – protocols for the Public Transport of Private Information. **(12 L)**

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO2	M	PS01,PS03	M	K2
CO2	PO1, PO4	M/M	PS05	M/H	K3
CO3	PO6	H	PS04	H	K5

TextBook:

1. Electronic Commerce, by Pete Loshin and John Vacca, Fourth edition, Firewall Media, New Delhi.

2. E-Business Parag Kulkarni, SunitaJahirabadkar, and Pradip Chande.Oxford University Press.

REFERENCE BOOKS:

1. Electronic Commerce, by Gary O.Schnelder James T.Perry, First edition 2000, Thomson Learning.

2. Electronic Commerce, by Elias M.Awad, Prentice Hall of India 2002

Semester-IV
Core
RESOURCE MANAGEMENT TECHNIQUES

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	**Core**		**Resourt Techniquesce Managemen**	**4**	**-**	**-**	**4**

Contact hours per semester:60

Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective: To solve optimization problems using simplex method. To learn to solve problems in linear programming and Integer programming. To use PERT and CPM for problems in project management.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Make use of simplex method to solve optimization problems.	K4
CO2	To find solution for various shortest route problems.	K5
CO3	Utilize PERT and CPM in project management.	K3,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I LINEAR PROGRAMMING I

Introduction – Advantages and disadvantages of LP – Basic characteristics of LP – General linear Programming problem – Algebraic solution of a LP (Simplex Method).
(10 L)

UNIT II ASSIGNMENT PROBLEM

Introduction – Definition and Mathematical formulation – Methods of solutions – Application area of AP – Comparison between AP and TP – Basic theorems – Hungarian method – Exceptional cases of AP – AP with restrictions – Multiple optimal solution of an AP.
(12 L)

UNIT III JOB SEQUENCING & NETWORK MODEL PROBLEMS

Introduction, Basic terms and Notations used in Sequencing – Priority sequencing rules – Gantt Chart – Types of Job sequencing problems. Network models: Introduction – Basic features of Network models – Main advantages of Network models – Network models – Minimum spanning tree algorithm – Shortest route problem – Maximum flow and minimum cost flow problems – Travelling salesman problem as a network model – Unifying model: Minimum cost flow network – Linear programming approach to a network model.
(14 L)

UNIT IV PROJECT MANAGEMENT

Introduction – Basic concepts – Project planning techniques – CPM & PERT techniques – Critical path method –The PERT approach – Expected length of a project - Probability of project completion by due date – cost consideration in project scheduling – similarities and differences in CPM & PERT. **(12 L)**

UNIT V GAME THEORY

Introduction – Definitions and Terminology – Basic game theory models – Fundamental Principles of game theory – Assumptions underlying game theory – Pure strategies: Games with saddle point – The rules of Dominance – mixed strategies: Games without saddle point – Solution of 2xn and mx2 Games(graphical approach) – Linear programming solutions of Games. Inventory control: Fundamentals of Inventory theory – Basic terminology – Advantages &disadvantages of Inventory – formula for the quantity to order and lead time – EOQ with price-breaks. **(12 L)**

TEXT BOOK:

1. Operations Research Models & Methods – Chandrasekhar Salimath, Bhupenderparashar – Universities press 2014.

REFERENCE BOOKS:

1. Operations Research – Nita H.Shah , Ravi M. Gor, HardikSoni – PHI Learning Private Limited, New Delhi, 2009.
2. Operations Research – P.K.Gupta.

3. Operations Research – Taha.

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	**Allied**		**Accounti ng Software Tally**	**3**	**-**	**-**	**3**

Contact hours per semester:45
Contact hours per week:3

Year	Semester	Internal Marks	External Marks	Total marks
II	**IV**	**25**	**75**	**100**

Objective: This course is designed to impart knowledge regarding concepts of Financial Accounting Tally is an accounting package which is used for learning to maintain accounts. As this course is useful for Commerce and computer students to get placements in different offices as well as companies in Accounts departments.

Course Outcomes: On successful completion of the course, the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Company Setup & Configurations.	K4,K6
CO2	Charts of Accounts Setup.	K6
CO3	Recording Financial Transactions.	K3,K5
CO4	Financial Reports Analysis.	K4

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I CREATING COMPANY IN TALLY
Creating Accounting and Inventory Ledger - creating stock item group, category, pos – Trial balance - Final accounts with adjustments.
(10L)

UNIT II VALUES DDED TAX
Values added Tax – VAT Rate – VAT classification – VAT composition Report – VAT composite returns – Voucher entry. **(10 L)**

UNIT III TDS, TCS, ST
Features of TDS – TDS Deduction for advance payment & Balance payment – TDS computation report – TCS report Service Tax Reports. **(10 L)**

UNIT IV EXISE DEALER
Dealer Excise report – Excise stock register – Bank Reconciliation statement – Ledger creation and effective Date for Reconciliation. **(8 L)**

UNIT V PAYROLL
Payroll info- pay heads –employee groups – salary- unit of a attendance – pay sheet report – pay slip pay roll statement – payroll with PF and ESI. **(7 L)**

TEXT BOOK :
1. Accounting Package Tally 9.0. by Ms,A.KNanthini Himalaya publications.

REFERENCE BOOK:
1. Tally 9.0 by Dr. Namrata Agrawal, Professor, NIFS.

Semester-IV
Skill Based Core
MICROPROCESSOR

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Skill Based Core		Microprocessor	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
II	IV	25	75	100

Objective:
To study about microprocessor Architecture. To learn about basic 8085 microprocessor and its operations and applications. To do arithmetic manipulations using 8085 processor.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To write programs to run on 8086 microprocessor based systems.	K2,K4
CO2	Design system using memory chips and peripheral chips for 16 bit 8086 microprocessor.	K3,K6
CO3	Understand and devise techniques for faster execution of instructions, improve speed of operations and enhance performance of microprocessors.	K2,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I MICROPROCESSORS, MICROCOMPUTER AND ASSEMBLY LANGUAGE
Microprocessors – Microprocessors Instruction set and Computer Languages – Computers to single chip microcontrollers. Mention to 8085 assembly language Programming – The 8085 Programming model action Classification – Instruction, data format and storage – How to write, store and execute simple program, Overview of 8085 instruction set.
(12 L)

UNIT II MICROPROCESSOR ARCHITECTURE AND MICRO COMPUTER SYSTEMS
Microprocessor Architecture and its operations – Memory – Input and Output (I/O) – Example of a Micro Computer System. Microprocessor Architecture and Memory interfacing: The 8085 MPU – Example 8085 based microcomputer - Memory interfacing - Interfacing the 8155 memory. **(12 L)**

UNIT III DATA TRANSFER OPERATION
Arithmetic operations – Logic operations – Branch operations - Writing assembling Language programs – Debugging a program. Programming techniques with additional Instruction: Programming techniques – Counting and Indexing – Additional data transfer and 16 bit arithmetic operations – Arithmetic operations related to memory - Logic operations related to memory - Logic operations – Rotate – Dynamic debugging.
(12 L)

UNIT IV COUNTERS AND TIME DELAYS

Counters Time Delays – Hexa decimal counter. Modulo ten counter – Pulse Wave forms – Debugging counter and time Delay programs. Subroutine: Stack – Subroutine – Restart – Conditional call and Return subroutine concepts. **(12 L)**

UNIT V CONVERSIONS

BCD to Binary conversion – Binary to BCD conversion - BCD to seven segment. LED code conversion – BCD addition – BCD Subtraction – Multiplication- Subtraction with carry. **(12 L)**

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	M	PS01,PS03	M	K2
CO2	PO1, PO4	M/M	PS05	M/H	K3
CO3	PO5	H	PS06	H	K5

TEXT BOOKS:

1. Ramesh S. Goanker - Microprocessor Architecture Programming and Applications with the 8085 – 5th Edition, Penram International Publiser.

2.Microprocessor and Microcontrollers N.Senthil Kumar, M.Saravanan, S.Jeevananthan. OxfordUniversity Press.

REFERENCE BOOK:

1.8085 Microprocessor Programming and Interfacing N.K.Srinath, PHI Publication.   Semester-V

CORE
SOFTWARE ENGINEERING

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core		Software Engineering	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To understand the nature of software & software engineering. To introduce principles of software development
 To learn about planning, developing, designing testing and validating a project.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	An ability to apply knowledge of mathematics, science, and engineering.	K2,K3
CO2	An ability to design and conduct experiments, as well as to analyze and interpret data.	K2,K6
CO3	An ability to design a system, component, or process to meet desired needs within realistic constraints such as	K6

		economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.	
CO4	An ability to identify, formulates, and solves engineering problems.		K4

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I SOFTWARE AND SOFTWARE ENGINEERING

The Nature of Software – What is Software Engineering? - Software engineering as a branch of the engineering profession – Stack holders in Software engineering - Software quality - Software engineering projects – Activities common to Software projects – Difficult and risk in software engineering as a whole. Review of Object Orientation: What is object orientation/ - Classes and objects – Instance variables – Methods, Operations and Polymorphism – Concepts best define object orientation – Difficulties and risks in programming language choice and object – oriented programming. **(12 L)**

UNIT II DEVELOPING REQUIREMENTS

Domain analysis – The starting point for software projects – Defining the problem and the scope – What is a requirement? – Types of requirements – Some techniques for gathering and analyzing requirements – Managing changing requirements – Difficulties and risks in domain and requirements analysis. **(12 L)**

UNIT III MODELING WITH CLASSES

What is UML? – Essentials of UML class diagrams – Associations and Multiplicity – Generalization – Instance diagrams – More advanced features of class diagrams. Modeling Interactions and Behavior: Interaction diagram – State diagrams – Activity diagrams.
(12 L)

UNIT IV ARCHITECTING AND DESIGNING SOFTWARE

The process of design – Principles leading to good design – Techniques for making good design decisions – Software architecture – Architectural patterns – Writing a good designing document. **(12 L)**

UNIT V TESTING AND INSPECTING TO ENSURE HIGH QUALITY

Basic definitions – Effective and efficient testing – Defects in ordinary Algorithms – Defects in numerical algorithms – Defects in timing and co-ordination. Managing the Software Process: What is project management? – Software process models – Cost estimation – building software engineering teams – Project scheduling and tracking.
(12 L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	M	PS04	M	K2
CO2	PO2, PO4	M/H	PS01,PS05	M/H	K4
CO3	PO3,PO5	H/H	PS02	M	K3
CO4	PO6	H	PS03, PS06	H/M	K5

TEXT BOOK:

1. Object Oriented Software Engineering, Timothy C.Lethbridge and Robert Laganiere, TMH 2004.

REFERENCE BOOKS:

1. Object Oriented and classical Software Engineering, Fifth Edition, Stephen, R. Schach, TMH.

2. Fundamentals of Software Engineering, Second Edition, CarioGhezzi, MedhiJazayeri, Dino Mandrioli, PHI.

Semester-V

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CORE
WEB TECHNOLOGY

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Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core		Web Technology	5	-	-	4

Contact hours per semester:5
Contact hours per week:75

Year	Semester	Internal Marks	External Marks	Total marks
III	V	25	75	100

Objective: To provide the conceptual and technological developments in the field of Internet and web designing with the emphasis on comprehensive knowledge of Internet, Describe the basic concepts for network implementation. To learn the basic working scheme of the Internet and World Wide Web. Understand fundamental tools and technologies for web design.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Employ fundamental computer theory to basic programming techniques.	K2
CO2	Use fundamental skills to maintain web server services required to host a website.	K3
CO3	Select and apply markup languages for processing, identifying, and presenting of information in web pages.	K3,K4
CO4	Use scripting languages and web services to transfer data and add interactive components to web pages.	K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I INTRODUCTION TO THE WEB
Understanding the Internet and World Wide Web – History of the Web – Protocols Governing the Web – Creating Websites for Individuals and the Corporate World – Web Applications – Writing Web projects – Identification of Objects – Target Users – Web Team – Planning and Process Development – Web Architecture –Internet Standards – TCP/IP Protocol Suite – IP Address – MIME – Cyber Laws.
Hyper Text Transfer Protocol (HTTP): Introduction – Web servers and clients – Resources – URL and its Anatomy – Message Format.
(14 L)
UNIT II HYPER TEXT MARKUP LANGUAGE (HTML)
History of HTML and W3C – HTML and its Flavors – HTML Basics – Elements, Attributes, and Tags – Basic Tags – Advanced Tags – Frames.
(12 L)
UNIT III JAVA SCRIPT
Introduction – Variables – Literals – Operators – Control Structure – Conditional statements – Arrays – Functions – Objects.
(10 L)
UNIT IV EXTENSIBLE MARKUP LANGUAGE (XML)

Common Usage – Role of XML – Prolog – Body – Elements – Attributes – Validation – Displaying XML – Namespace.XML DTD: XML Schema Languages– Validation – Introduction to DTD– Purpose of DTD – Using a DTD in an XML Document.
(12 L)

UNIT V COMMON GATEWAY INTERFACE (CGI)
Internet Programming Paradigm – Server – side Programming – Languages for CGI – Applications – Server Environment – Environment Variables – CGI Building Blocks – CGI Scripting Using C, Shell Script – Writing CGI programs – CGI Security – Alternatives and Enhancements to CGI. Servlet: Server – Side Java – Advantages Over Applets - Servlet Alternatives – Servlet Strength – Servlet Architecture – Servlet Life Cycle.
(12 L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K2
CO3	PO1, PO2, PO5	H/M/M	PSO4	M	K3
CO4	PO1, PO5	H/M	PSO5	H	K5

TEXT BOOK:
1. Web Technologies – UttamK.Roy – OxfordUniversity Press 2010.
REFERENCE BOOKS:
1. Web Technology and Design, C. Xavier, New Age International Publishers.

2.Web Technologies TCp/IP Architecture and Java Programming Second Edition, Achyut S. Godbole&AtulKahate, Tata McGraw Hill.

3. Web Technology A Developer's Perspective, N.P.Gopalan, J.Akilandeswari, PHI.

Semester-V
Core
RDBMS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	**Core**		**RDBMS**	**6**	**-**	**-**	**4**

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
III	**V**	**25**	**75**	**100**

Objective: To understand relational database concepts and transaction management concepts in database system. To write PL/SQL programs that use: procedure, function, package, cursor and Exceptions. To Use current techniques and tools necessary for complex computing practices.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Master the basic concepts and appreciate the applications of database systems.	K1, K3
CO2	Master the basics of SQL and construct queries using SQL.	K1,K3

CO3	Be familiar with a commercial relational database system (Oracle) by writing SQL using the system.	K5,K6

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I AN OVERVIEW: PERSONAL DATABASES

Client server databases – Oracle 9i An introduction – The SQL*Plus Environment – SQL – SQL*PLUS commands – Sample Databases. Oracle Tables; Naming rules and conventions – Data types – Constraints – Creating an Oracle table – Displaying table information's – Altering and exiting table – Dropping a table – Renaming a table – Truncating a table.
(12 L)

UNIT II WORKING WITH TABLES

DML statements – Arithmetic operations – Where clause – sorting – Define command – Built in functions – Grouping data. **(10 L)**

UNIT III MULTIPLE TABLES

Joints – Set operators – Subquery – Top – N Analysis .Advanced features: Views – Subsequences
– Synonyms – Index. **(12 L)**

UNIT IV PL/SQL: FUNDAMENTALS

PL/SQL: FUNDAMENTALS – Block structure – Comments – Data types –Variable declaration – Anchored declaration – Assignment operation – Bind variables – Substitution Variables – Arithmetic operators. Structures in PL/SQL: Control structures – Nested blocks – SQL in PL/SQL DML in PL/SQL – Transaction Control Statements.
(14 L)

UNIT V PL/SQL CURSORS & EXCEPTIONS

PL/SQL Cursors & Exceptions - PL/SQL Composite data types: Records, Tables and VARRAYS.
(12L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO3	H	PSO1	H	K1
CO2	PO3, PO6	H/M	PSO2, PSO6	H/M	K3
CO3	PO1, PO2, PO5	H/M/M	PSO4, PSO5	H	K5

TEXT BOOK:

1. Database System Using Oracle – Second edition – Nilesh Shan – PHI 2007.

REFERENCE BOOK:

Oracle 9i Complete reference – Loney Koch - Tata McGraw Hill 2005.

Semester-V
ELECTIVE
MULTIMEDIA

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	**Elective**		**Multime dia**	**4**	**0**	**-**	**4**

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks

III	V	25	75	100

Objective: To define the principles, characteristics and forms of Visual Design in Multimedia Development. To define the role of Visual Reading Elements. To learn how to use multimedia software.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Describe different realizations of multimedia tools and the way in which they are used.	K2,K3
CO2	Analyse the structure of the tools in the light of low-level constraints imposed by the adoption of various QoS schemes (ie bottom up approach).	K3,K5
CO3	Plan experiments to test user perception of multimedia tools.	K3,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I MULTIMEDIA FUNDAMENTALS

Basic concepts - Multimedia applications Design consideration – Multimedia Application Goals & Objectives – Opportunities in multimedia production: Important in Multimedia development
– Application Design and production. **(12 L)**

UNIT II MULTIMEDIA APPLICATION

Structure and organization: Considering Interface design – Planning the production of your Application – Creating multimedia building blocks. **(12 L)**

UNIT III MULTIMEDIA PRESENTATION

Building blocks: Text - Graphics. **(10 L)**

UNIT IV OTHER MULTIMEDIA TOOLS

Multimedia presentation building blocks: video capturing, Sound Capturing and Editing.
(14 L)

UNIT V STRUCTURE AND FUNCTION OF AUTHORING SOFTWARE

Authoring software, selection of authoring program - Fundamentals of Macromedia Director
(12L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	M	PS01,PS03	M	K2
CO2	PO2, PO4	M/M	PS04	M/H	K3
CO3	PO5	H	PS02	H	K5

TEXT BOOK:

1. Multimedia An Introduction- John Villain – Casanova- Louis Molina Prentice –Hall/Macmillan Computer Publishing, Reprint.

REFERENCE BOOK:

Multimedia: Making it works, 6th edition, TayVaughan;TMH, 6th Edition.

Semester-VI

Core
OPERATING SYSTEM

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core		Operating System	4	-	-	4

Contact hours per semester:60
Contact hours per week:4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To understand design issues related to process management and various related algorithms. To understand design issues related to memory management and various related algorithms. To understand design issues related to File management and various related algorithms.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Master functions, structures and history of operating systems.	K1,K2
CO2	Master various process management concepts including scheduling, synchronization, and deadlocks.	K1,K2
CO3	Be familiar with multithreading.	K2
CO4	Master concepts of memory management including virtual memory.	K2

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I INTRODUCTION

What is an Operating System: Mainframe Systems – Desktop Systems –Multiprocessor Systems
- Distributed Systems – Clustered Systems – Real – time Systems– Handheld Systems.
(10 L)

UNIT II PROCESS CONCEPT

Process Concept – Process Scheduling – Operations on Process – Co-operating processes – Inter Processes - Inter Process communication. CPU Scheduling: Basic Concepts –Scheduling Criteria - Scheduling algorithms – Multi processor Scheduling - Real time Scheduling – Algorithms evaluation.
(12 L)

UNIT III PROCESS SYNCHRONIZATION & DEADLOCKS

Process Synchronization: Background – the critical section problem – Synchronization hardware
– Semaphores – Classical problems of Synchronization – critical regions – Monitors – Atomic transaction. Deadlocks: System model – Deadlock Characterization – methods for handling Deadlocks – Deadlock prevention – Deadlock Avoidance – Deadlock detection – recovery from Deadlock. **(14 L)**

UNIT IV MEMORY MANAGEMENT

Memory management: Background – Swapping – Contiguous memory allocation – paging – segmentation – segmentation with paging. Virtual Memory: Background – Demand paging – Page replacement – Allocation of frames.
(12 L)

UNIT V FILE MANAGEMENT

File System Interface: File concept – Access methods – File system structure – File system implementation – Directories structure - Directory implementation – Allocation methods – Free space management – Efficiency and performance – Recovery. Mass Storage Structure: Disk Structure – Disk Scheduling – Disk management – Swap space management – RAID structure – Disk attachment – Stable Storage. **(12 L)**

TEXT BOOK:

1. Operating System Concepts – Abraham Silverschatz and Peter Baer Galvin Addition Wesley publishing company – Sixth Edition.

REFERENCE BOOK:

1. Operating System: Intel and Design Principles – Fifth Edition, William Stallings, PHI.

2. Understanding Operating System, Ida M.Flynn, Ann MclverMchoes.

3. Operating Systems – Second Edition, Achyuts.Godbole, TMH.

Semester-VI
Core
Computer Network

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	Core-XII		Computer Network	5	-	-	4

Contact hours per semester:75
Contact hours per week:5

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To understand the basic networking concepts, types of addresses, data communication, protocols etc. To understand wired and wireless networks, its types, functionality of each layer. To understand importance of network security and cryptography.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	To master the concepts of protocols, network interfaces, and design/performance issues in local area networks and wide area networks.	K2,K4
CO2	To be familiar with wireless networking concepts.	K2
CO3	To be familiar with network tools and network programming.	K2

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create

Course Content

UNIT I NETWORK HARDWARE& SOFTWARE

LAN-WAN-MAN – Wireless – Home Networks. Network Software: Protocol Hierarchies – Design issues for the layers – connection oriented and connection less services – Service primitives – The relationship of services to protocols. Reference Models: OSI Reference Model - TCP/IP reference Model Comparison of OSI and TCP/IP Critique of OSI and protocols – Critique of TCP/IP reference Model
(12 L)

UNIT II PHYSICAL LAYER

Guided Transmission Media: Magnetic Media: Twisted-Pair Cable, Coaxial Cable, Fiber-Optic Cable, Wireless Transmission: Electro Magnetic Spectrum - Radio Transmission - Microwave Transmission – Infrared and Millimeter Waves – Light waves – Communication satellites: Geostationary, Medium- Earth orbit, Low earth Orbit Satellites – Satellites versus fiber.
(12 L)

UNIT III DATA LINK LAYER

Error Detection and corrections – Elementary Data – Link protocols - Sliding window protocols, Medium –access control – Sub Layer: Multiple Access Protocols – Ethernet –Wireless LANs – Broad band wireless – Bluetooth. **(12 L)**

UNIT IV NETWORK & TRANSPORT LAYER

Network layers: Routing algorithms – congestion control algorithms. Transport layer: Elements of transport protocols – Internet Transfer protocols: TCP. **(12 L)**

UNIT V APPLICATIONLAYER

Application Layer: DNS – Email, network security: cryptography – symmetric key algorithms – public key algorithms - digital signatures.
(12 L)

TEXT BOOK:

Computer Networks – Andrew S Tenenbaum, 4th Edition PHI (Unit I – 1.2 – 1.4, Unit II -2.2-2.4, Unit III 4.2-4.6, Unit-IV – 5.2,5.3,6.2,6.5, Unit-V – 7.1,7.2,8.1-8.4).

REFERENCE BOOKS:

1. Computer Networks – Bhushan Trivedi, Oxford University Press.

2. Data communication and Networks – Achut Godbole, 2007 PHI.

3. Computer Networks Protocol, Standards and Interfaces – Uyless Black, 2nd Edition PHI.

Semester-VI

Core

COMPUTER GRAPHICS

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)
Part-III	**Core**		**Computer Graphics**	**6**	**-**	**-**	**4**

Contact hours per semester:90
Contact hours per week:6

Year	Semester	Internal Marks	External Marks	Total marks
III	**VI**	**25**	**75**	**100**

Objective: To study various graphical Input and Output devices. To study how to manipulate graphics object by applying different transformations. To study different algorithms for drawing lines, ellipse, circle parabola etc.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Understand the structure of modern computer graphics systems.	K2,K3
CO2	Understand the basic principles of implementing computer graphics primitives.	K2,K6

| CO3 | Develop design and problem solving skills with application to computer graphics. | K5,K6 |

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create**Course Content**

UNIT I INPUT AND OUTPUT DEVICES

Introduction: Application and Operations of Computer Graphics - Graphics Packages – Requirements of a Graphical System – GUI. Common Input Devices – Graphical output Devices
– Raster Scan Video Principle - Raster Scan CRT Monitors – Color Raster Scan System – Plasma Display – LCD – Hard copy Raster Devices - Raster Scan System – Memory Tube Displays – Plotters – Graphics Accelerators – Coprocessors.

(12 L)

UNIT II ALGORITHMS

Scan Conversion – Methods – Polynomial Method – DDA algorithms for line drawing Algorithm, Circle, Ellipse, Parabola – Bresenham's Line Drawing Algorithm - Bresenham's Circle Drawing Algorithm – Problem of Scan Conversion – Solid Areas – Odd Even Methods – Winding Number Method - Solid Area Filling – Algorithms – Boundary, Flood Fill Algorithm.

(12 L)

UNIT III TRANSFORMATION

Two Dimension Transformations – Translation – Scaling – Rotation – Transformations of Points and Objects – Homogenous Coordinate System and Transformations – Reflection – Shearing – Three Dimension Transformations - Translation – Scaling – Rotation – Reflection – Shearing.

(12 L)

UNIT IV CLIPPING ALGORITHMS

2D Viewing and Clipping – Windows and View Ports – Viewing Transformations – Clipping of lines in 2D – Cohen Sutherland Clipping Algorithms – Visibility – Midpoint subdivision method – parametric Clipping – Polygon Clipping – Sutherland Hodgeman Algorithm – Clipping against Concave windows.

(14 L)

UNIT V HIDDEN SURFACE ALGORITHMS

Hidden Surface Elimination – Black Face Removable Algorithm Z buffer Algorithm.

(10 L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	H	PS01, PS05	H/H	K1
CO2	PO5	M	PS02, PS03	M/H	K6
CO3	PO4,PO3	H/H	PS07	H	K4

TEXT BOOK:

1. Computer Graphics Multimedia and Animation – Malay K.Pakira – PHI Learning 2008.

REFERENCE BOOK:

1. Computer Graphics – Apurva Desai – PHI – 2008.

2. PrabhatAndleigh, Kiran Thakrar – Multimedia system and Design – Prentice Hall 2000.

Semester-VI
Major Elective
SOFTWARE PROJECT MANAGEMENT

Category	Course Type	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical	Credits (C)

Part-III	Major Elective -III		Software Project Management	4	-	-	4

Contact hours per semester:60
Contact hours per week :4

Year	Semester	Internal Marks	External Marks	Total marks
III	VI	25	75	100

Objective: To outline the need for software project Management. To highlight different technique for software cost estimation and activity planning. To know about what is Software Project Management.

Course Outcomes: On successful completion of the course,the students should be able to

CO No.	Course Outcome	Knowledge Level
CO1	Employ Analytical and Modern project development methodology for the process of project management in delivering successful Real time IT projects.	K4,K5
CO2	Evaluate a project to develop the scope of work, provide accurate cost estimates, software development size, effort, and schedule and network diagram for new program proposals or enhancements to existing Software.	K5,K6
CO3	Understanding and using the risk management analysis techniques that identify the factors that put a project at risk and to quantify the likely effect of risk on project timescales.	K2,K3
CO4	Identifying the resources required for a project and to produce a work plan and resource Schedule.	K2,K3,K5

K1-Remember, K2-Understand, K3-Apply, K4-Analyze, K5-Evaluate, K6-Create
Course Content

UNIT I CONVENTIONAL SOFTWARE MANAGEMENT
Waterfall Model - Conventional Software Management Performance – Evolution of Software economics - Software economics – Pragmatic software cost estimation – Improving software economics – Reducing software product size – Improving software process – Team effectiveness – Automation through software environments.
(12 L)

UNIT II VARIOUS STAGES
Lift cycle phases – Engineering and Production stages – Inception, Elaboration, Construction and Transition Phases – Artifacts of the process – The artifact sets – Management, Engineering and Pragmatic artifacts – Model based software Architectures.
(12 L)

UNIT III WORKFLOWS OF THE PROCESS
Workflows of the process – Software process Workflows – Iteration Workflows - – Iterative process planning – work breakdown structures – Planning guidelines – cost & schedule estimation process – iteration planning process – pragmatic planning – Project Organizations & responsibilities. **(12 L)**

UNIT IV VARIOUS PROCESS

Process automation – Tools – The project environment – Project control and Process Instrumentation – The seven core metrics – Management indicators – Quality indicators – Life cycle expectations – Pragmatic software metrics – Metrics automation –Tailoring the Process – Process discriminates.**(12 L)**

UNIT V MODERN PROJECT PROFILE

Continuous Integration – Early risk resolution – Evolutionary requirements – software management Principles Next generation software economics – Modern Process transitions.

(12 L)

Mapping of COs to POs and PSOs Course Outcome	PO Addressed PO1 to PO7	Correlation Level L/M/H	PSO Addressed PSO1 to PSO7	Correlation Level L/ M/ H	Cognitive Level K1 to K6
CO1	PO1	H	PS06	M	K1
CO2	PO2, PO3	M/M	PS01,PS05	M/H	K5
CO3	PO4,PO5	H/M	PS02, PS07	H/M	K2
CO4	PO6	M	PS03	H	K6

TEXT BOOKS:

1. Software Project Management – Walker Royce – Pearson Education 2012.

2. Software Project Management, Bob Hughes and Mike Cotterell- Tata McGraw Hill,2011.

3. Software Project Management in practice, Pankaj Jalote, Pearson Education 2012.

MANONMANIAM SUNDARANAR UNIVERSITY
ABISHEKAPATTI, TIRUNELVELI - 627 102, TAMIL NADU, INDIA
UG COURSES – AFFILIATED COLLEGES
SYLLABUS FOR B.A. ENGLISH
(CHOICE BASED CREDIT SYSTEM)
(For those who joined the course from the academic year 2021 onwards)

Vision of MS University:

❖ To provide quality education to reach the un-reached.

Mission of MS University:

❖ To conduct research, teaching and outreach programmes to improve conditions of human living.

❖ To create an academic environment that honours women and men of all races, caste, creed, cultures and an atmosphere that values intellectual curiosity, pursuit of knowledge, academic freedom and integrity.

❖ To offer a wide variety of off-campus educational and training programs, including the use of information technology, to individuals and groups.

❖ To develop partnership with industries and government so as to improve the quality of the workplace and to serve as catalyst for economic and cultural development.

❖ To provide quality / inclusive education, especially for the rural and un-reached segments of economically downtrodden students including women, socially oppressed and differently abled.

Vision of the Department:

❖ To facilitate the learners to expand their academic search in the field of language and literature,

❖ To apply their academic and critical analysis to the prescribed and non-prescribed relevant texts and create their self-style literature and language that would inspire the posterity.

Mission of the Department:

❖ To extend an academic assistance to the learners to identify, understand and analyse the various tenets of literature.

❖ To make them imbibe social, cultural and moral values that would equip them with both subjective and objective knowledge essential for the understanding of various literatures.

1

❖ To teach and impart them with the required language tools, structure and patterns that would suit the current era.

Preamble:

B.A. English Degree Course introduces various literary avenues to the learners, familiarises them with the emerging literary works and theories that would enhance their academic expertise, to remember and understand the various factors that contribute for evaluation and analysis of the prescribed texts that in turn would open up new areas of literature and language for further study.

Duration	**:** Three Academic Years (Six Semesters)
Eligibility	**:** 12th Standard Pass
Credits	**:** 143 Credits
Scheme of Examinations	**:** 1) Three Continuous Internal Assessment

                                     Internal   -   25 Marks

                                2) External   -   75 Marks

                                    Total   -   100 Marks

Internal Assessment:

Methods	Marks
Three continuous Internal Assessment. The average of the best two to be considered	20
Assignment	05
Total	**25**

Semester Examination:

Question Pattern		
Section	**Marks**	**Remarks**
A	10 x 1 = 10	Multiple Choice Questions. 'None' cannot be a choice among the four given choices
B	5 x 5 = 25	Alternate Choice Questions
C	5 x 8 = 40	Alternate Choice Questions
Total	**75**	

Reg. No.: …………………….

Sub. Code: CAEN11

B.A. (CBCS) DEGREE EXAMINATION, NOVEMBER 2022

First Semester

English — Allied

LITERARY FORMS

(For those who joined in July 2021 onwards)

Time: Three hours　　　　　　　　　　　　　**Maximum:** 75 marks

PART A - (10 x 1 = 10 marks)
Answer ALL questions.

Choose the correct answer:

1. What is a poem that depicts an idealized rural life and life of shepherds called?　**K1**

   (a) Ballad　　　　　(b) Idyll

   (c) Dirge　　　　　(d) Canzon

2. A fourteen lined poem in iambic pentameter that follows a strict rhyme scheme and specific structure is called _____.　**K1**

   (a) Blank verse　　　(b) Couplet

   (c) Sonnet　　　　　(d) Elegy

3. Identify the story-poem told in a song _____.　**K1**

   (a) Ode　　　　　　(b) Haiku

   (c) Ballad　　　　　(d) Lyric

4. "The Rape of the Lock" is an example of _____ genre.　**K1**

   (a) Sonnet　　　　　(b) Ballad

   (c) Satire　　　　　(d) Cinquain

5. Which of these is NOT a NECESSARY feature of tragedy?　**K1**

   (a) The hero　　　　(b) Hubris

   (c) Pathos　　　　　(d) A sad ending

6. What is Dramatic Monologue?　**K1**

   (a) Dramatic monologue means self- conversation, speech or talks which includes interlocutor presented dramatically.

   (b) Dramatic monologue means self-conversation.

   (c) Dramatic monologue means speech or talks which includes interlocutor presented dramatically.

   (d) Act of speaking one's thoughts aloud.

7. A _____ is a speech that a character speaks to himself.　**K1**

    (a)   Dialogue   (b) Soliloquy

    (c)   Aside   (d) Quote

8. Dramatic irony can be based on either _____ information or _____ information.

    (a)   Inside . . . Outside   (b) Accurate . . . Inaccurate   **K1**

    (c)   Audience . . . Character   (d) Logical . . . Emotional

9. A fictional narrative written in prose, which is shorter than a novel is called _____.

    (a)   Short story.   (b) Poem   **K1**

    (c)   Play   (d) Novel

10. Boswell is a famous _____.   **K1**

    (a)   Novelist   (b) Biographer

    (c)   Prose writer   (d) Short story writer

PART B — (5 x 5 = 25 marks)
Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Elaborate on the two major sonnet forms.   **K2**

        Or

   (b) What are the three types of odes? Describe.   **K2**

12. (a) Explain the form of a ballad.   **K3**

        Or

   (b) Write a brief outline of Satire.   **K3**

13. (a) Illustrate tragedy in drama with examples.   **K4**

        Or

   (b) Distinguish the two main elements of farce.   **K4**

14. (a) Define dramatic irony.   **K5**

        Or

   (b) Sum up the function of aside with examples.   **K5**

15. (a) Write a short note on essay and its purpose.   **K6**

        Or

   (b) How is the structure of the short story constructed?   **K6**

PART C — (5 x 8 = 40 marks)
Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 600 words.

16. (a) Describe the features of Elegy.   **K2**

        Or

(b) What are the features of the Idyll?   **K2**

17. (a) What is rhyme royal in literature? Explain.   **K3**

Or

(b) Illustrate the effect of Ottava Rima.   **K3**

18. (a) Explain the characteristics of a tragic comedy.   **K4**

Or

(b) Analyze the purpose of melodrama.   **K4**

19. (a) Assess the purpose of soliloquy in drama.   **K5**

Or

(b) Summarize the origin and development of English Drama.   **K5**

20. (a) Explain the ideas you have derived on analysing the history of novel.   **K6**

Or

(b) Write an elaborate essay on literary criticism and its importance.   **K6**

Scheme of Examinations & Valuation:

SEMESTER I									
Part I / II/III/IV	**Sub. No.**	**Core / Optional**	**Title of the Papers**	**Hours**	**Credits**	**Internal**	**External**	**Total**	**Duration in hours**
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – I	6	4	25	75	100	3
III	3	Core – 1	Professional English for Arts and Social Sciences – I	4	4	25	75	100	3
III	4	Core – 2	British Poetry	4	4	25	75	100	3
III	5	Core – 3	Social History of England	5	4	25	75	100	3
III	6	Allied – 1	Literary Forms	3	3	25	75	100	3
IV	7	Common	Environmental Studies	2	2	25	75	100	3
Sub. Total				**30**	**25**				
SEMESTER II									
Part I / II/III/IV	**Sub. No.**	**Subject Status**	**Subject Title**	**Hours**	**Credits**	**Internal**	**External**	**Total**	**Duration in hours**
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – II	6	4	25	75	100	3
III	3	Core – 4	Professional English for Arts and Social Sciences – II	4	4	25	75	100	3
III	4	Core – 5	British Drama	4	4	25	75	100	3
III	5	Core – 6	History of English Literature	5	4	25	75	100	3
III	6	Allied – 2	Modern English Grammar and Usage	3	3	25	75	100	3
IV	7	Common	Value Based Education	2	2	25	75	100	3
Sub. Total				**30**	**25**				

			SEMESTER III						
Part I / II/III/IV	**Sub. No.**	**Subject Status**	**Subject Title**	**Hours**	**Credits**	**Internal**	**External**	**Total**	**Duration in hours**
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – III	6	4	25	75	100	3
III	3	Core – 7	British Prose	4	4	25	75	100	3
III	4	Core – 8	Indian English Literature - I	4	4	25	75	100	3
III	5	Core - 9	American Literature – I	5	4	25	75	100	3
III	6	Allied – 3	African Literature	3	3	25	75	100	3
IV	7	Non-Major Elective – 1	English for Competitive Examinations	2	2	25	75	100	3
IV	8	Common	Yoga	2	2	-	-	-	-
Sub. Total				**30***	**27**				

*Excluding Yoga

			SEMESTER IV						
Part I / II/III/IV	**Sub. No.**	**Subject Status**	**Subject Title**	**Hours**	**Credits**	**Internal**	**External**	**Total**	**Duration in hours**
I	1	Language	Tamil / Other Language	6	4	25	75	100	3
II	2	Language	English – IV	6	4	25	75	100	3
III	3	Core – 10	British Fiction	4	4	25	75	100	3
III	4	Core – 11	Indian English Literature - II	4	4	25	75	100	3
III	5	Core - 12	American Literature - II	5	4	25	75	100	3
III	6	Allied – 4	Language and Linguistics	3	3	25	75	100	3
IV	7	Non-Major Elective – 2	Content Writing	2	2	25	75	100	3
IV	8	Common	Computer for Digital Era	2	2	-	-	-	-
V	9	Extension Activity	NCC, NSS, YRC, YWF	-	1	-	-	-	-
Sub. Total				**30***	**28**				

*Computer for Digital Era

**SEMESTER V**											

Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
III	1	Core – 13	Genre Studies	4	4	25	75	100	3
III	2	Core - 14	Shakespeare	6	4	25	75	100	3
III	3	Core - 15	Research Methodology	4	4	25	75	100	3
III	4	Core – 16 (SBE)	Translation Theory and Practice	6	4	25	75	100	3
III	5	Core – 17 (Optional)	Environment and Literature / Marginal Literature	4	4	25	75	100	3
III	6	Core - 18	Indian Literature in Translation	4	4	25	75	100	3
IV	7	Skill Based Subject (Common)	Personality Development	2	2	25	75	100	3
Sub. Total				**30**	**26**				

**SEMESTER VI**									

Part I / II/III/IV	Sub. No.	Subject Status	Subject Title	Hours	Credits	Internal	External	Total	Duration in hours
III	1	Core – 19	Literary Criticism	6	4	25	75	100	3
III	2	Core – 20	Canadian Literature	4	4	25	75	100	3
III	3	Core - 21	Australian Literature	4	4	25	75	100	3
III	4	Core – 22	Fantasy Literature	5	4	25	75	100	3
III	5	Core – 23 (Optional)	Global Literature	4	4	25	75	100	3
	6		Literature and Psychology						
III	7	Core - 24	Project (Individual)	7	7	25	75	100	-
Sub. Total				**30**	**27**				

*143 credits (excluding Part IV and Part V)

Programme Outcomes:

PSO. No.	At the end of the programme, the students will be able to:
PO – 1	acquire knowledge of various literary works and students of thought
PO – 2	explore the avenues of world literatures
PO – 3	utilize the skills acquired through the programme
PO – 4	think critically and apply theoretical approaches to literary texts
PO – 5	view and enjoy literary works through nuanced perspectives
PO – 6	equip themselves to undertake research projects
PO – 7	appreciate the unique merits of different literary genres
PO – 8	acquaint themselves with the key concepts of language and linguistics

Individual Course Specific Outcomes:

PSO. No.	Upon completion of the B.A. English Literature Programme, students will be able to
PSO – A	acquire knowledge of the important historical and political milestones of England, from the early times to the present
PSO – B	develop an aptitude for critical analysis of literary works
PSO – C	find scope of employability in fields of teaching, content writing, translating, communication and media
PSO – D	appreciate and develop the human values espoused in literary works
PSO – E	enhance their job potential by acquiring linguistic competence and effective communication skills
PSO – F	identify the correlation between literature and psychology
PSO – G	apply learned skills in experimenting, researching and critically analyzing relevant topics of their choice
PSO – H	obtain professional skills in translation

SEMESTER I

Core – II
BRITISH POETRY

Objectives:

1. To enable the students to understand the poems of 17th, 19th and 20th centuries along with the historical background.
2. To understand the aesthetic sense of the English poets.
3. To appreciate the lively poetic language of English poems.
4. To know the literary sensibility of poets belonging to different ages.
5. To expose the varied levels of thinking and emotions.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO – 1	define the various forms, types and schools of poetry	A	K1
CO – 2	describe the development of various literary movements and their mission	B	K2
CO – 3	apply the traits of the movement to the poems of the period	C	K3
CO – 4	classify British poetry as reflection of the period and identify the socio-cultural factors	D, A	K4
CO – 5	review the literary style of British poetry and explore the diverse themes of the poems	E, D	K5

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	L	S	M	S	M	S
CO 2	S	M	M	M	S	M	S	S
CO 3	S	M	S	S	M	S	S	S
CO 4	S	M	M	S	S	M	M	L
CO 5	S	M	S	S	S	S	M	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

    Edmund Spenser   : Prothalamion

    John Milton   : On His Blindness

    Robert Herrick   : To the Virgins, to Make Much of Time

Unit II:

    John Donne   : The Ecstasy

    Andrew Marvell   : To His Coy Mistress

    William Blake   : The Lamb

Unit III:

    Oliver Goldsmith   : The Deserted Village

    Percy Bysshe Shelley   : Ode to the West Wind

    John Keats   : La Belle Dame Sans Merci

Unit IV:

    Robert Browning   : Fra Lippo Lippi

    Alfred Lord Tennyson   : The Lotos-Eaters

    Matthew Arnold   : The Forsaken Merman

Unit V:

    Gerard Manley Hopkins   : The Windhover: To Christ Our Lord

    Francis Thompson   : The Hound of Heaven

    Philip Larkin   : Next, Please

Prescribed Texts:

Edmund Spenser. *Epithalamion and Prothalamion*. Rama Brothers, 2007.

https://www.poetryfoundation.org/poems/45217/prothalamion-56d224a0e2feb

John Milton. *The Complete Poems*. Penguin Classics, 1998.

https://www.poemhunter.com/poem/on-his-blindness/

https://www.poetryfoundation.org/poems/46546/to-the-virgins-to-make-much-of-time

John Donne. *The Complete Poetry and Selected Prose of John Donne*. Modern Library, 2001.

https://www.poetryfoundation.org/poems/44099/the-ecstasy

Andrew Marvell. *To His Coy Mistress and Other Poems*. Dover Publications Inc., 2016.

https://www.poetryfoundation.org/poems/44688/to-his-coy-mistress

William Blake. *The Complete Poetry and Prose of William Blake*. Anchor, 1997.

https://www.poetryfoundation.org/poems/43670/the-lamb-56d222765a3e1

Oliver Goldsmith. *The Deserted Village*. Leopold Classic Library, 2015.

https://www.poetryfoundation.org/poems/44292/the-deserted-village

Percy Bysshe Shelley. *The Complete Poems of Percy Bysshe Shelley*. Modern Library, 1994.

https://www.poetryfoundation.org/poems/45134/ode-to-the-west-wind

John Keats. *The Complete Poems of John Keats*. Modern Library, 1994.

https://poets.org/poem/la-belle-dame-sans-merci

Robert Browning. *Complete Works of Robert Browning*. Delphi Classics, 2012.

https://www.poetryfoundation.org/poems/43755/fra-lippo-lippi

https://poets.org/poem/lotos-eaters

Matthew Arnold. *Matthew Arnold: The Complete Poems.* Lexicos Publishing, 2012.

https://www.poetryfoundation.org/poems/43589/the-forsaken-merman

Gerard Manley Hopkins. *Gerard Manley Hopkins: The Complete Poems.* Lexicos Publishing, 2012.

https://hopkinspoetry.com/poem/the-windhover/

Francis Thompson. *The Hound of Heaven*. Morehouse Publishing, 1988.

https://www.bartleby.com/236/239.html

Philip Larkin. *The Complete Poems*. Farrar, Straus and Giroux, 2013.

http://famouspoetsandpoems.com/poets/philip_larkin/poems/14537

Core - III
SOCIAL HISTORY OF ENGLAND

Objectives:

1. To introduce students to the history of Britain, from its birth.

2. To explore the evolution of British society in relation to societal perceptions and cultural viewpoints.

3. To familiarize students with the demographic history, history of the working class, history of women, families, education, the English agricultural revolution and industrialization.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the political, religious, economic and intellectual histories of various periods	A	K2
CO – 2	explore English life and society over six centuries	A, B, D	K3, K5
CO – 3	examine the etiquette, morality and customs of English society	D, F	K2, K3
CO – 4	contextualize the varying experiences of English society in relation to societal changes and evolution	A, D, F	K2, K3, K5
CO – 5	coexist in a culturally diverse interdependent world	D	K2, K3

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Introduction

Chapter I : Chaucer's England – Field, Village and Manor-house

Prescribed Text:

G M Trevelyan. *English Social History*. Penguin UK, 1987.

http://dspace.unive.it/bitstream/handle/10579/2930/814079112321.pdf?sequence=2

Allied - I

LITERARY FORMS

Objectives:

1. To introduce the various literary genres, movements and forms of literature.
2. To familiarize the students with the vibrant currents of thought that have enriched literature through various forms.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the significance of literary forms	B	K1, K2, K4
CO – 2	analyze a variety of texts	B, G	K4
CO – 3	appreciate literary forms and structure in shaping the meaning of a text	B	K2, K4, K5
CO – 4	enhance intellectual inquiry and creative expression	B, C, H	K5, K6
CO – 5	obtain coherent and systematic knowledge of various literary forms	E, G, H	K1, K2

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Section I – Poetry – Chapter II – Poetical Types

The Lyric

The Ode

The Sonnet

The Elegy

The Idyll

The Epic

Unit II:

Section I – Poetry – Chapter II – Poetical Types

The Ballad

The Satire

Section I – Poetry – Chapter III – Stanza Forms

The Heroic Couplet

The Chaucerian Stanza or Rhyme Royal

The Ottava Rima

The Spenserian Stanza

Unit III:

Section II – Drama – Chapter II – Dramatic Types

Tragedy and Comedy

Tragi-Comedy

Farce and Melodrama

The Masque

The One-Act Play

The Dramatic Monologue

Unit IV:

Section II – Drama – Chapter III – Dramatic Devices

Dramatic Irony

Soliloquy and Aside

Expectation and Surprise

Section II – Drama – Chapter IV – Origin of the English Drama

Section II – Drama – Chapter V – Origin of the English Theatre

Section II – Drama – Chapter VII – Dramatic Modernism

Unit V:

Section III - Prose

Chapter I	: The Essay
Chapter II	: The Novel
Chapter III	: The Short Story
Chapter IV	: Biography

                                        : Autobiography

Chapter V   : Criticism

Prescribed Text:

B. Prasad. *A Background to the Study of English Literature*. Macmillan, 2008.

SEMESTER II

Core - V
BRITISH DRAMA

Objectives:

1. To make the students develop their communicative skills.

2. To expose them to new avenues of thoughts.

3. To learn diverse cultures and values of each age.

4. To analyse and critically appreciate the dramatic techniques of the dramatists.

5. To expose them to various schools of thoughts.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	name the various types and sub-genres of drama	A	K1
CO – 2	explain different dramatic forms and the techniques adopted by each writer of each age	B	K2
CO – 3	trace out the evolution of British Drama and its impact on audience	C	K4
CO – 4	learn to comment critically upon the characters and their representative nature	D, C	K3
CO – 5	assess the literary style and find out the uniqueness of British Drama	E, C	K5

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	L	S	S	S	M	M
CO 2	M	S	M	M	S	M	S	S
CO 3	S	M	M	S	S	M	S	M
CO 4	M	S	S	S	S	M	M	S
CO 5	S	L	S	M	M	S	M	L

S – Strong, **M** – Medium, **L** - Low

Unit I:

Christopher Marlowe : Edward II

Ben Jonson : The Alchemist

Unit II:

Oliver Goldsmith : The Good-Natured Man

Unit III:

John Dryden : All for Love

Unit IV:

T.S. Eliot : Murder in the Cathedral

J.M. Barrie : The Admirable Crichton

Unit V:

George Bernard Shaw : Saint Joan

John Osborne : Look Back in Anger

Prescribed Texts:

Christopher Marlowe. *Edward the Second*. Lector House LLP, 2019.

Ben Johnson. *The Alchemist*. Methuen Drama, 2016.

Oliver Goldsmith. *The Good-Natured Man*. United States of America: CreateSpace Independent Publishing Platform, 2016.

John Dryden. *All for Love*. Bloomsbury Publishing India Private Limited, 2014.

T.S. Eliot. *Murder in the Cathedral*. Books Way, 2016.

James Matthew Barrie. *The Admirable Crichton*. Digireads.com, 2010.

George Bernard Shaw. *Saint Joan*. Maple Press, 2013.

John Osborne. *Look Back in Anger*. Pearson Education, 2011.

Core - VI
HISTORY OF ENGLISH LITERATURE
Objectives:

1. To make the students familiar with the evolution and progress of the English Language and Literature throughout different periods.

2. To familiarize the students with authors across centuries, their different genres, literary forms and their unique writing styles.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	comprehend the growth and development of English literature and language	A, D, F	K2
CO – 2	develop an extensive insight into the various literary movements and also the prominent writers and their works	A, D, F, G	K5, K6
CO – 3	understand and evaluate the social, cultural and historical influence on the literary works of different periods	A, B, D, G	K2, K3, K5
CO – 4	explore the evolution of various literary genres	B	K1, K2, K5
CO – 5	read through and interpret key texts	B, G, H	K1, K2, K4, K5

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyse, K5 – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Chapter I   : Introduction – The Meaning of Literature

Chapter II   : The Anglo-Saxon or Old-English Period

Unit II:

       Chapter III   : The Anglo-Norman Period

       Chapter IV   : The Age of Chaucer

Unit III:

       Chapter V   : The Revival of Learning

       Chapter VI   : The Age of Elizabeth

Unit IV:

       Chapter VII   : The Puritan Age

       Chapter VIII   : Period of the Restoration

       Chapter IX   : Eighteenth-Century Literature

Unit V:

       Chapter X   : The Age of Romanticism

       Chapter XI   : The Victorian Age

       Chapter XII   : An Essay on Recent Literature

Prescribed Text:

William J Long, *English Literature: Its History and Its Significance for the Life of the English Speaking World*, Rupa Publications India, 2015.

Allied - II

MODERN ENGLISH GRAMMAR AND USAGE

Objectives:

1. To teach the main elements of Grammar.

2. To enhance competence in the English language.

3. To create academic / non-academic reports, write ups etc.

4. To acquire the necessary linguistic skills to use the language effectively in conversation and writing.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	recall the fundamentals of English Grammar	C	K1, K2
CO – 2	understand the formal and informal usages to obtain proficiency	E	K3
CO – 3	apply the patterns learnt by students	F	K3
CO – 4	analyze sentence structures, synthesis and usages	G	K4
CO – 5	evaluate the patterns of expressions, basic structures, sentence patterns, etc.	G	K5
CO – 6	create good academic / non-academic write ups, reports, etc.	G	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	L	L
CO 2	M	S	S	S	S	S	L	L
CO 3	S	S	S	S	S	M	M	S
CO 4	M	L	M	M	M	M	M	M
CO 5	M	M	S	M	M	M	M	M
CO 6	M	M	M	M	M	M	M	M

S – Strong, **M** – Medium, **L** - Low

Unit I:

    The Sentence

    Parts of Speech

    Nouns I and II

    Articles

Unit II:

    Pronouns

    Verbs, Mood and Tense

    Concord or Agreement of the Verb with the Subject

    The Auxiliaries

Unit III:

    Adverbs

    Prepositions

    Conjunctions

    Simple, Compound, Complex and Compound-Complex Sentences

Unit IV:

    Synthesis of Sentences

    Clauses

    Transformation of Sentences I

    Transformation of Sentences II

Unit V:

    Letter Writing

    Precis Writing

    Essay Writing

    Writing Stories from Outlines

Prescribed Text:

David Green. *Contemporary English Grammar Structures and Composition*. New Delhi: Trinity Press, 2016.

Reference Books:

N. Krishnaswamy. *Modern English Grammar*. Chennai: Macmillan Publishers India Limited, 2010.

K.V. Joseph. *A Textbook of English Grammar and Usage*. Chennai: Vijay Nicole Imprints Private Limited, 2006.

SEMESTER III

MSU/2021-2022/UG-College/Part-III (B.A. English)/Semester-III/Core VII
Core - VII
BRITISH PROSE

Objectives:

1. To introduce the students to various thoughts and philosophies of each age.

2. To make them appreciate the prose style of various works.

3. To make the students understand the lateral thinking of the English writers.

4. To train the students to think independently and express themselves in a unique manner.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the various kinds of thoughts and ideologies of each period and each written	A	K2
CO – 2	analyze the writing style and the vocabulary used by the writers	B	K4
CO – 3	develop skills to critically appreciate the writings	B	K2
CO – 4	make them analyze the socio-cultural background of each writer	C	K3
CO – 5	enhance their power of comprehension and literary competence	D	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	L	M	S	S	M	S
CO 2	M	S	S	S	S	M	S	M
CO 3	S	S	M	S	S	S	M	S
CO 4	M	S	M	M	M	S	M	L
CO 5	S	M	M	M	M	S	M	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Francis Bacon	: "Of Ceremonies and Respects" from *The Essays*
Matthew Arnold	: The Study of Poetry
Oliver Goldsmith	: "Beau Tibbs, His Character and Family" from *Citizen of the World* (Letter 54)

Unit II:

Jonathan Swift	: The Battle of the Books
Charles Lamb	: A Dissertation Upon Roast Pig
John Ruskin	: "Of Queens' Gardens" from *Sesame and Lilies* (Lecture II – Lilies)

Unit III:

Joseph Addison	: "Sir Roger De Coverley's Sunday" from *The Spectator*
William Hazlitt	: "The Indian Jugglers" from *Table Talk*
Alfred George Gardiner	: "On Being Tidy" from *Windfalls*

Unit IV:

E.M. Forster	: "What I Believe" from *Two Cheers for Democracy*
Virginia Woolf	: The Duchess of Newcastle
George Orwell	: Bookshop Memories

Unit V:

Viscount Grey	: The Pleasure of Reading
Gerald Durrell	: Vanishing Animals

Prescribed Texts:

http://www.authorama.com/essays-of-francis-bacon-52.html

http://www.authorama.com/essays-of-francis-bacon-14.html

https://www.sas.upenn.edu/~cavitch/pdf-library/Arnold_Study.pdf

https://www.gutenberg.org/files/623/623-h/623-h.htm

R.W. Jepson. *Essays by Modern Writers*. Longmans, Green and Co., 1963.

https://www.gutenberg.org/files/16126/16126-h/16126-h.htm#page156

http://essays.quotidiana.org/lamb/dissertation_upon_roast_pig/

https://www.gutenberg.org/files/1293/1293-h/1293-h.htm

https://www.gutenberg.org/files/16126/16126-h/16126-h.htm#page097

https://www.gutenberg.org/files/16126/16126-h/16126-h.htm#page101

http://www.juggling.org/papers/hazlitt/

https://www.gutenberg.org/files/47429/47429-h/47429-h.htm#link2H_4_0008

https://www.gutenberg.org/files/37858/37858-h/37858-h.htm#chap14

http://spichtinger.net/otexts/believe.html

Core - VIII
INDIAN ENGLISH LITERATURE - I
Objectives:

1. To acquaint with the rich literary custom in Indian English Literature.
2. To apprise the various genres in Indian English Literature.
3. To present a general perception of Indian English Literature.
4. To impart the socio-political, historical and cultural context of works written.
5. To identify the Indian dialect and sensibility that stirs it.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the major movements and authors in Indian Writing in English through the study of selected literary texts	B	K1, K2
CO – 2	analyze the artistic and rhetorical devices used by the writers	B	K4, K5
CO – 3	cultivate a literary sensibility for a proper critical appreciation of literature	D, F	K1, K2
CO – 4	make them reflect critically on the human and social concerns and values embedded in the texts	D, G	K3
CO – 5	enhance the overall literary and linguistic competence of students	C, E	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	M	S	S	S	S	L
CO 2	M	M	S	S	S	S	M	S
CO 3	S	M	S	S	S	S	S	M
CO 4	S	S	S	S	M	S	S	M
CO 5	M	L	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

      K.R. Srinivasa Iyengar   : Indian Writing in English - Introduction

      Jawaharlal Nehru   : The Indian Philosophical Approach

      C.V. Raman   : Books that have Influenced Me

      V.S. Srinivasa Sastri   : What I Cherish Most

Unit II: Poetry

      Toru Dutt   : The Young Captive

      Sarojini Naidu   : Summer Woods

      Nissim Ezekiel   : A Morning Walk

      Kamala Das   : Smoke in Colombo

Unit III: Short Story

      Raja Rao   : India – A Fable

      Mulk Raj Anand   : Liar

      Bhabhendra Nath Saikia   : Rats

Unit IV: Drama

      Rabindranath Tagore   : Mukta Dara

Unit V: Fiction

      Bhabani Bhattacharya   : So Many Hungers!

      Aravind Adiga   : White Tiger

Prescribed Texts:

K.R. Srinivasa Iyengar. *Indian Writing in English*. Asia Publishing House, Bombay.

Jawaharlal Nehru. "Chapter Five: Through The Ages, The Indian Philosophical Approach". *The Discovery of India*. Oxford University Press Oxford New York.

C.V. Raman. *Books That Have Influenced Me.* Raman Research Institute, G. A. Natesan & Co., Publishers, Madras. http://hdl.handle.net/2289/5698

R.K. Prabhu, Bharatiya Vidya Bhavan, Chaupatty. *An Anthology of Modern Indian Eloquence*. Bombay, 1960.

Raja Rao. *The Meaning of India*. Penguin Books India Private Limited, 2020.

https://www.poemhunter.com/poem/the-young-captive/

https://www.englitmail.com/2020/02/summer-woods-by-sarojini-naidu.html

https://mkborthakur.blogspot.com/2020/05/the-rat-original-assamese-short-story.html

Bhabani Bhattacharya. *So Many Hungers!*. Hassell Street Press, 2021.

https://ia801602.us.archive.org/24/items/in.ernet.dli.2015.216311/2015.216311.So-Many.pdf

Aravind Adiga. *The White Tiger*. Atlantic Books, 2012.
https://ia804502.us.archive.org/29/items/the-white-tiger-by-aravind-adiga_202105/The%20
White% 20Tiger%20by%20Arvind%20Adiga.pdf

Core- IX
AMERICAN LITERATURE - I

Objectives:

1. To introduce students to different genres of American Literature.

2. To familiarize students with prominent American writers of prose, poetry, fiction, drama and short stories.

3. To be able to contextualize literary works according to their contemporary, social and cultural influences in American society.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	identify the key ideas, events and characteristics of different periods and regions	A, D, F	K4
CO – 2	understand values and themes that impact culture and society	D	K2
CO – 3	analyze and juxtapose the unique literary styles and structures of American authors	B, G	K3, K4, K5
CO – 4	improve reading skills leading to literary analyses	B, G	K2, K4, K5
CO – 5	write poems and short stories and also enact scenes from the plays prescribed	C, H	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	M	S	S	S
CO 2	S	S	S	S	S	M	S	S
CO 3	S	S	S	S	M	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	L	S	S	S	L	M	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

      Benjamin Franklin   : The Way to Wealth

      Henry David Thoreau   : "Where I Lived, and What I Lived For" from *Walden;*
Or, Life in the Woods

Unit II: Poetry

      Emily Dickinson   : I Measure Every Grief I Meet

      Robert Frost   : Christmas Trees

      Robert Lowell   : Home After Three Months Away

Unit III: Short Story

      Washington Irving   : Rip Van Winkle

      Edgar Allan Poe   : The Spectacles

      H.P. Lovecraft   : Dagon

      Isaac Asimov   : The Fun They Had

Unit IV: Drama

      David Mamet   : Oleanna

      Bruce Norris   : Clybourne Park

Unit V:

      F. Scott Fitzgerald   : The Great Gatsby

      Alex Haley   : Roots: The Saga of an American Family

Prescribed Texts:

Benjamin Franklin, *The Way to Wealth*, BN Publishing, 2007.

https://tendimag.files.wordpress.com/2014/02/the-way-to-wealth-by-benjamin-franklin-1757-smse-2010.pdf

Henry David Thoreau, *Walden; Or, Life in the Woods*, Martino Fine Books, 2009.

https://www.gutenberg.org/files/205/205-h/205-h.htm#chap03

https://poets.org/poem/i-measure-every-grief-i-meet-561

https://www.poetryfoundation.org/poems/57834/christmas-trees-56d23bb00debf

https://poets.org/poem/home-after-three-months-away

Washington Irving, *Rip Van Winkle*, Createspace Independent Pub, 2013.

https://www.gutenberg.org/files/19721/19721-h/19721-h.htm#RIP_VAN_WINKLE

Edgar Allan Poe, *The Spectacles*, CreateSpace Independent Publishing Platform, 2017.

https://etc.usf.edu/lit2go/147/the-works-of-edgar-allan-poe/5325/the-spectacles/

H.P. Lovecraft, *Dagon*, Fantasy and Horror Classics, 2020.

https://www.hplovecraft.com/writings/texts/fiction/d.aspx

Isaac Asimov, *15 Short Stories*, Createspace Independent Pub, 2017.

http://web1.nbed.nb.ca/sites/ASD-S/1820/J%20Johnston/Isaac%20Asimov%20-%20The%20
fun%20they%20had.pdf

David Mamet, *Oleanna*, Vintage Books, 1993.

Bruce Norris, *Clybourne Park*, Nick Hern Books, 2015.

http://www.bctheatre.com/Plays/Clybourne-Park.pdf

F. Scott Fitzgerald, *The Great Gatsby*, Fingerprint! Publishing, 2014.

Alex Haley, *Roots*, RHUK, 1994.

Allied - III
AFRICAN LITERATURE

Objectives:

1. To exhibit the literatures of the African land.
2. To illuminate the features and governance of African Literature.
3. To develop a comparative perspective study.
4. To present the literary form created by African authors.
5. To present different hereditary settings of African continent.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the uniqueness of African Literature in terms of form and content	B	K1, K2
CO – 2	analyze the genre and its contemporary form in African Literature while reflecting on sub - genres and narrative modes	B, F	K4
CO – 3	understand how African theatre evolved during post-colonial period	F	K2
CO – 4	evaluate the cultural, thematic and aesthetic representations in African literature	G, D	K3, K5
CO – 5	assess and compare the genres of Non-fiction, fiction, drama and poetry of African literature	G, C	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	M	M	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	M	S	S	M	M
CO 4	S	S	S	S	S	S	M	L
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

       Chinua Achebe   : The Novelist as Teacher

       Chimamanda Adichie   : The Danger of a Single Story

Unit II: Poetry

       Christopher Okigbo   : Heaven's Gate

       Gabriel Okara   : Where I to Choose

       John Pepper Clark   : The Casualities

       David Diop   : Africa

Unit III: Short Story

       Chinua Achebe   : The Madman

       Gloria Kembabazi Muhatane   : The Gem and Your Dreams

Unit IV: Drama

       Wole Soyinka   : A Dance of the Forests

Unit V:

       Nadine Gordimer   : A Guest of Honour

       Maaza Mengiste   : The Shadow King

Prescribed Texts:

Chinua Achebe. *Girls at War and Other Stories*. The Madman Anchor Books. New York.

https://poemotopia.com/david-diop/africa/

http://dodiyameghana.blogspot.com/2017/03/poem-were-i-to-choose-by-gabriel-okara.html?m=1

https://folukeafrica.com/the-casualties-by-john-pepper-clark/

https://www.oloyede.com.ng/2015/09/christopher-okigbo-heaven-gate.html

https://www.academia.edu/24342779/Suubi

Wole Soyinka. *A Dance in the Forests*. Surjeet Publications. 2018.

Nadine Gordimer. *A Guest of Honour*. Bloomsbury Publishing India Private Limited, 2002.

Maaza Mengiste. *The Shadow King*. Canongate Books, 2020.

Non-Major Elective - I
ENGLISH FOR COMPETITIVE EXAMINATIONS

Objectives:

1. To enrich word power for framing flawless sentences.

2. To produce passages without any errors.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	to understand the importance of grammar and its usage in our daily life.	C	K1, K2
CO – 2	learn the basic grammar rules to prepare for Competitive Examinations	E	K3
CO – 3	apply the knowledge of grammar to identify errors and reproduce correct patterns of expressions	F	K3
CO – 4	analyze the varied form of expressions, basics structures, verbal patterns and sentence patterns for the effective use of the English language	A	K4, K5
CO – 5	evaluate the structures and patterns learned and to know their distinctive usages	A	K4, K5
CO – 6	create situation-based and context-based expressions and sentences to clear Competitive Examinations	H	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	M	L	S	L	M	M	M	S
CO 2	M	L	S	L	M	M	M	S
CO 3	M	L	S	L	M	M	M	S
CO 4	L	L	L	L	L	L	L	L
CO 5	M	M	M	M	M	M	M	M
CO 6	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Word Substitution (Pg: 151 – 163)

Idioms and Phrases (Pg: 180 – 193)

Unit II:

Synonyms (Pg: 233 - 250)

Antonyms (Pg: 251 – 263)

Unit III:

Proficiency Tests   : Synonyms (Pg: 289 - 305)

Proficiency Tests   : Antonyms (Pg: 306 – 340)

Unit IV:

Sentence Completion (Pg: 443 – 476)

Common Errors (Pg: 479 – 504)

Unit V:

Comprehension   : Prose (Pg: 509 – 514)

Comprehension   : Poetry (Pg: 515 – 522)

Prescribed Texts:

A.P. Bhardwaj. *General English for Competitive Examinations* (Banking, Insurance, SSC Examinations, Railway, Defence and MBA Entrance Examinations). Delhi: Pearson, 2013.

Reference Books:

Essential English for Competitive Examinations – 2nd Edition. Disha Publications, 2019.

General English for Competitive Exams – SSC / Banking / Defence / Insurance – 2nd Edition. Disha Publications, 2019.

SEMESTER IV

MSU/2021-2022/UG-College/Part-III (B.A. English)/Semester-IV/Core X
Core - X
BRITISH FICTION

Objectives:

1. To understand the eco socio-cultural context of the age that contributed to the making of the literature.
2. To sensitise the evolution of literature, themes and style.
3. To comprehend the various characters and their psyche.
4. To expose them to the narrative techniques, plot constructions and stylistic aspects.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	comprehend the ethical values of the society	A	K1
CO – 2	compare and contrast the characters of the novels	B	K3
CO – 3	analyze the plot construction and techniques employed in the novels	C	K4
CO – 4	interpret the different meanings and messages in the novels	C	K4
CO – 5	assess the literary value of each novel	D	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	L	S	S	S	M	M
CO 2	M	S	M	S	S	M	S	S
CO 3	S	M	M	S	S	S	S	M
CO 4	M	S	M	S	M	M	M	S
CO 5	S	M	S	M	M	S	M	L

S – Strong, **M** – Medium, **L** - Low

Unit I:

Jane Austen   : Pride and Prejudice

George Eliot   : The Mill on the Floss

Unit II:

        Charles Dickens   : Great Expectations

        Joseph Conrad   : Heart of Darkness

Unit III:

        Agatha Christie   : The Murder of Roger Ackroyd

        George Orwell   : Animal Farm

Unit IV:

        Ian McEwan   : Atonement

        Sarah Waters   : The Little Stranger

Unit V:

        Julian Barnes   : The Sense of an Ending

        Signe Pike   : The Lost Queen

Prescribed Texts:

Jane Austen. *Pride and Prejudice*. Fingerprint Publishing, 2013.

George Eliot. *The Mill on the Floss*. Fingerprint Publishing, 2016.

Charles Dickens. *Great Expectation*. Fingerprint Publishing, 2016.

Joseph Conrad. *Heart of Darkness*. Fingerprint Publishing, 2018.

Agatha Conrad. *The Murder of Roger Ackroyd*. Harper Collins, 2017.

George Orwell. *Animal Farm*. Rupa, 2010.

Ian McEwan. *Atonement*. RHUK, 2007.

Sarah Waters. *The Little Stranger*. Virago, 2010

Julian Barnes. *The Sense of an Ending*. RHUK, 2012.

Signe Pike. *The Lost Queen*. Atria Books, 2019.

Core - XI
INDIAN ENGLISH LITERATURE - II

Objectives:

1. To carry forward the listed objectives of the prior Paper.

2. To be aware of the cultural distinctions represented in Indian Literature.

3. To present the literary aspects of the local writers in English, a foreign language.

4. To present significant Indian writers in English tradition.

5. To present the works of contemporary writers in Indian English Literature.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	remember the origin and History of the Indian Writing in English and appreciate the literary devices used in the texts	B	K1, K2
CO – 2	examine a broad cross section of regions and cultures in India	B, F	K4
CO – 3	understand the broad view of culture as seen from outside the culture	D, E	K1, K2
CO – 4	make familiar with the contributions made by modern Indian writers writing in English	D, G	K3
CO – 5	critically engage with Indian literary texts written in English in terms of colonialism, post colonialism, regionalism and nationalism	C, G	K5, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	M	S	S	S
CO 2	S	M	S	L	S	S	S	S
CO 3	S	S	S	M	S	S	S	S
CO 4	S	M	S	S	S	S	M	S
CO 5	S	M	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

      Swami Vivekananda   : Chicago Address – I

      Dr. Radhakrishnan   : The Emerging World Society

      A.P.J. Abdul Kalam   : "15. Emancipators" from *Wings of Fire: An Autobiography*

      Amartya Sen   : Inequality, Instability and Voice

Unit II: Poetry

      A K Ramanujan   : Small Scale Reflections on a Great House

      Eunice de Souza   : Catholic Mother

      Keki N. Daruwalla   : Death of a Bird

      Agha Shahid Ali   : Postcard from Kashmir

Unit III: Short Story

      Manjula Padmanabhan   : Unfaithful Servants

      Gita Hariharan   : Remains of the Feast

      Khushwant Singh   : The Portrait of a Lady

Unit IV: Drama

      Girish Karnad   : Hayavadana

Unit V:

      Rohinton Mistry   : Such a Long Journey

      Sunjeev Sahota   : The Year of the Runaways

Prescribed Texts:

https://arunshanbhag.files.wordpress.com/2009/07/vivekananda_chicagospeech.pdf

Dr. S. Radhakrishnan. *The Emerging World Society*. Sahyadri Books & Bloom Books, Trivandrum, 2012.

A P J Abdul Kalam. *Wings of Fire-An Autobiography.* Universities Press (India) Private Limited, 1999.

file:///C:/Users/HP/Downloads/instapdf.in-wings-of-fire-362.pdf

The Argumentative Indian, Writings on Indian History, Culture and Identity, Amartya Sen, Part One, Voice and Heterodoxy, 2. 2. Inequality, Instability and Voice, Farrar, Straus and Giroux, New York.

https://www.poemhunter.com/poem/small-scale-reflections-on-a-great-house/

https://www.poetryinternational.com/en/poets-poems/poems/poem/103-16099_CATHOLIC-MOTHER

https://www.poemhunter.com/poem/daruwalla-s-death-of-a-bird/

https://www.poetrynook.com/poem/postcard-kashmir

https://www.alephbookcompany.com/the-portrait-of-a-lady-by-khushwant-singh/

https://newint.org/features/1995/02/05/feast

Girish Karnad. *Hayavadana*. Oxford, 1997.

Rohinton Mistry. *Such a Long Journey*. Enopf. 1991.

Sunjeev Sahota. *The Year of the Runaways*. Picador, 2016.

Core - XII
AMERICAN LITERATURE - II

Objectives:

1. To introduce students to diverse range of poems, plays, short stories, fiction and prose in American literature.

2. To familiarize students with various and diverse cultures within the United States of America.

3. To highlight the experiences of people from varying ethnicities and cultures and their diaspora within America.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	become acquainted with the historical and literary elements in American literature	D, F	K1, K2
CO – 2	read and retain themes and ideas in the literary texts	G	K1
CO – 3	attain knowledge of various literary styles in relation to their cultural context and literary forms	B, F	K2, K4, K5
CO – 4	view literary works in the context of the tremendous social and political changes throughout American history	D, F	K2, K5
CO – 5	participate in creative activities related to the literary works	E, F	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	L	S	S	L	S	S
CO 2	S	S	M	S	S	M	M	S
CO 3	S	S	L	S	S	L	S	S
CO 4	S	S	M	S	S	M	S	S
CO 5	L	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

    Frederick Douglass   : "Chapter VI & VII" from *Narrative of the Life of Frederick Douglass, an American Slave*

    Ayn Rand   : "Doesn't Life Require Compromise?" from *The Virtue of Selfishness: A New Concept of Egoism*

Unit II: Poetry

    Maya Angelou   : Woman Work

    Pablo Neruda   : If You Forget Me

    Garrett Kaoru Hongo   : Yellow Light

Unit III: Short-stories

    Gabriel Garcia Marquez : One of These Days

    Leslie Marmon Silko   : Lullaby

    Viet Thanh Nguyen   : "Black-Eyed Women" from *The Refugees*

Unit IV: Drama

    Lin-Manuel Miranda   : Hamilton: An American Musical

    William Wells Brown   : The Escape; or, A Leap for Freedom

Unit V: Fiction

    Chang-Rae Lee   : Native Speaker

    Philip Roth   : Nemesis

Prescribed Texts:

Frederick Douglass, *Narrative of the Life of Frederick Douglass*, *an American Slave*, Lector House LLP, 2019.

https://www.gutenberg.org/files/23/23-h/23-h.htm

Ayn Rand, *The Virtue of Selfishness: A New Concept of Egoism*, Penguin USA, 1964.

https://ia802903.us.archive.org/1/items/AynRandTheVirtueOfSelfishness/Ayn_Rand-The_Virtue_of_Selfishness.pdf

https://www.poemhunter.com/poem/woman-work/

https://allpoetry.com/If-You-Forget-Me

Garrett Kaoru Hongo, *Yellow Light*, Wesleyan University Press, 1982.

http://workingclasspoems.blogspot.com/2009/03/yellow-light.html

http://www.classicshorts.com/stories/ootdays.html

https://www.webpages.uidaho.edu/engl484jj/SilkoLullaby001.pdf

Viet Thanh Nguyen, *The Refugees*, Corsair, 2018.

https://electricliterature.com/black-eyed-women-by-viet-thanh-nguyen/

Lin-Manuel Miranda, *Hamilton: An American Musical*, Hal Leonard Corp, 2020.

https://www.allmusicals.com/h/hamilton.htm

William Wells Brown, *The Escape; or, A Leap for Freedom*, Cosimo Classics, 2007.

Chang-Rae Lee, *Native Speaker*, Penguin, 2013.

Philip Roth, *Nemesis*, Vintage, 2011.

Allied - IV
LANGUAGE AND LINGUISTICS

Objectives:

1. To develop and apply the understanding of the concepts and methods appropriate for the analysis and study of the English language.

2. To establish a firm foundation in environmental writing and eco-criticism, thus bridging gaps between creative and scientific writing, through essays, poems, fiction and non-fiction.

3. To identify strategies used by poets and fiction and nonfiction writers and to address environmental questions through both the form and content of their works.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand a wide array of linguistic diversity, systematic patterns and cross linguistic universals that constrain this diversity	B, C, E	K2
CO – 2	demonstrate understanding of linguistic concepts, methods and approaches and apply this understanding to the construction and analysis of meanings in different modes of communication (spoken, written and multimodal)	E, G	K3, K4
CO – 3	assess the efficiency of the tools and knowledge that give a new perspective on language and linguistic	E, H	K4, K5
CO – 4	analyze and evaluate the influence of contextual and cultural factors in the production and reception of the English language, taking into account the relevant drivers of language change	D, E, F	K4, K5
CO – 5	examine their attitude towards language and the way it is used in society and culture	E, F	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	M	M	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: The Origin and Development of Language

The Origins of Language

Animals and Human Language

Written Language

Unit II: English Phonetics I

How the Speech Organs Work in English

The Consonants of English

Consonant Sequences

The Vowels of English

Unit III:

Words in Company

Intonation

Unit IV: English Phonetics II

The Patterns of Language – Morpheme; Word

Form and Meaning

Group – Nominal, Verbal, Adverbial

Clauses and Sentences – IC Analysis

Sentences – Major and Minor Sentence Classification

Word Meaning - Association, Connotation, Collocation, Semantic Field

Unit V: Regional and Social Variations of Language

Language History and Change

Regional Variation in Language

Social Variation in Language

Prescribed Texts:

Yule, George. *The Study of Language*. Seventh Edition. New Delhi: CUP, 2006. (Unit I and Unit V)

O'Connor, J.D., *Better English Pronunciation*. New Delhi: CUP, 2008. (Unit II and III)

Wallwork, J.F. *Language and Linguistics: An Introduction to the Study of Language*. London: Heineman, 1981. (Unit IV)

Reference Books:

Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*. Macmillan, 2012.

Iyadurai, P. *Phonetics for Beginners.*

Wood, F.T. *An Outline History of the English Language.*

Baugh, A. C. *A History of the English Language.*

Non-Major Elective - II
Content Writing

Objectives:

1. To create unique useful and compelling content on a topic.

2. To inform the students to develop content as per the business concept.

3. To encourage and guide students to write keywords that allows the site visitors to get the information quickly and efficiently

4. To equip students to write quality content and run their own blogs or sites.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	improve the ability to read the literary texts critically and to analyse them	A, E	K1, K3
CO – 2	gain an understanding about various modes and methods of literary interpretation	B	K4, K5
CO – 3	understanding the development of new forms of writing and literary interpretation	C	K2, K6
CO – 4	comprehend the qualities of literary texts	E, G	K3, K6
CO – 5	trace the inter disciplinary nature of literary texts in the 20th century	D, G	K2, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I:

Meaning, definition and scope of Content Writing

Types of Content Writing

Content Writing Topics

Problems faced in Content Writing

Unit II:

Different content writing formats

Major skills for writing quality content

Strategies in producing high quality content

Different stages of writing a good content

Unit III:

Blogging and Types

Blogging and Advertising

E-book and its different formats

Plagiarism Detection

Unit IV:

Introduction to SEO

Types and elements of SEO

SEO Developing strategies

Steps to SEO the web content

Unit V:

Content Writing for e-commerce sites

Steps involved in writing e-commerce product description

Types of content marketing for e-commerce

Effective ways to share content in social media

Employment opportunities

Prescribed Texts:

Content Writing for the Web - Kristine Halverson

The Content Strategy Toolkit - Kristine Halverson, Melissa Rach, Megan Casey

SEMESTER V

Core - XIII
GENRE STUDIES

Objectives:

1. To introduce students to various genres of literature.

2. To help students to understand the features and characteristics of different genres.

3. To sensitize students on the socio linguistic codes and conventions of different genres.

4. To orient students about the patterns of narration.

5. To provide insights about generic variations.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the importance of context in the creation of a text	A	K1
CO – 2	understand the socio-cultural boundaries of the literary texts	A, B, D	K2
CO – 3	identify and apply the stereotypic patterns of different literary genres	E, F	K3
CO – 4	analyse generic rules and conventions and their relationship with social contexts	D, G	K4
CO – 5	understand the significance of genre in the communicative function of a literary text	F, G	K5, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	M	M	M	M	M	M
CO 2	S	M	M	S	S	L	M	L
CO 3	M	S	S	M	M	M	M	L
CO 4	M	M	M	S	S	M	L	M
CO 5	M	M	S	S	M	L	M	L

S – Strong, **M** – Medium, **L** - Low

Unit I: Figures of Speech

Alliteration, Anaphora, Antithesis, Assonance, Conceit, Hyperbole, Irony, Metonymy, Metaphor, Onomatopoeia, Paradox, Personification, Pun, Simile, Synecdoche.

Unit II: Schools and Movements

Age of Johnson, Augustan Age, Cavalier Poets, Classicism, Early Tudor, Elizabethan Age, The Enlightenment, Graveyard School, Metaphysical Poetry, Neoclassicism, Pre-Raphaelites, Restoration, Romanticism, University Wits, Imagism.

Unit III: Themes and Characters

Alienation, Antagonist, Byronic Hero, Epiphany, Hamartia, Allegory, Allusion, Ambiguity, Blank Verse, Free Verse, Catastrophe, Catharsis, Confessional Poetry, Cyberpunk, Denouement.

Unit IV: Poetry and Drama

Heroic Couplet, Meter, Ballad, Burlesque, Chronicle Play, Closet Drama, Comedy, Detective Story, Domestic Tragedy, Dramatic Monologue, Elegy, Epic, Mock Epic, Mock Heroic, Epistle, Lyric, Masque, Melodrama, Farce, Foot, Problem Play, Satire, Soliloquy, Sonnet, Stanza, Tragedy, Tragicomedy, Haiku, Heroic Drama, Idyll, Interlude.

Unit V: Prose, Short story and Novel

Essay, Biography, Autobiography, Bildungsroman, Gothic Novel, Epistolary Novel, Campus Novel, Graphic Novel, The Grotesque, Historical Novel, Memoir, Picaresque Novel, Point of View, Science Fiction, Sentimental Novel, Short Story.

Prescribed Texts:

Chris Baldrick. *The Concise Oxford Dictionary of Literary Terms*. 2nd Ed, Oxford University Press, 2004.

Edward G Quinn. *A Dictionary of Literary and Thematic Terms*. Checkmark Books, 2000.

Ian Buchanan. *A Dictionary of Critical Theory*. First Edition, OUP Oxford, 2010.

John A. Cuddon and Claire E. Preston. *The Penguin Dictionary of Literary Terms and Literary Theory*. 4th Ed, Penguin Books, 1999.

M.H. Abrams and Geoffrey Galt Harpham. *A Glossary of Literary Terms*. Eleventh Edition, Cengage Learning, 2015.

Core - XIV
SHAKESPEARE

Objectives:

1. To study Shakespeare based on a reading of the representative plays and selected sonnets.
2. To study the principal plays of Shakespeare in the light of the dramatic and literary background of his time.
3. To develop critical skills to approach Shakespeare on page and stage
4. To make judgments about the meaning of the plays based on the contemporary scenario.
5. To recognize and deploy different critical methodologies and understand the range of Shakespeare studies.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the plays studied in different critical contexts, including historical, theoretical, and theatrical	A, B, F	K1, K2
CO – 2	apply various emerging literary theories to the study of Shakespeare	B, G	K3
CO – 3	appraise the universal values embedded in the plays of Shakespeare	D	K5
CO – 4	recall the nuclei of each play and analyze them with the historical, philosophical and literary factors	A, B, D, F	K4, K5
CO – 5	challenge the existing ideas with the realms of the contemporary literary scenario	B, G	K5, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	M	S	S	S	S	S	S
CO 2	S	M	S	S	S	S	S	S
CO 3	S	M	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: General Shakespeare and Popular Shakespearean Critics

Importance of Opening Scenes, Supernatural Elements and Fools and Clowns.

A.C. Bradley : "The Substance of Shakespearean Tragedy" from *Shakespearean Tragedy*

Tiffany Stern : "The Theatre of Shakespeare's London"

Unit II: Sonnets

Sonnets : 18, 65, 116 & 121

Unit III: Comedy or Dark Comedy

A Midsummer Night's Dream

Much Ado About Nothing

Unit IV: Tragedy

King Lear

Unit V: Historical

Antony and Cleopatra

Prescribed Texts:

A.C. Bradley. "The Substance of Shakespearean Tragedy". *Shakespearean Tragedy*. London: Penguin, 1991.

Tiffany Stern. "The Theatre of Shakespeare's London." *The New Cambridge Companion to Shakespeare*. Ed. Margreta de Grazia. Cambridge: Cambridge UP, 2010.

William Shakespeare. *A Midsummer Night's Dream*. Fingerprint Publishing, 2019.

William Shakespeare. *Much Ado About Nothing*. New York: Penguin Books, 2017.

William Shakespeare. *King Lear*. London: Bloomsbury Publishing, 2018.

William Shakespeare. *Antony and Cleopatra*. London: Bloomsbury Publishing, 2018.

Core - XV

RESEARCH METHODOLOGY

Objectives:

1. To prepare students to undertake research.

2. To introduce the basic concepts of research.

3. To train the students on the procedures and techniques.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	make a systematic and theoretical approach during the process of research	B, G	K2, K3, K4
CO – 2	collect and analyze data through surveys, interviews and observation	G	K3, K4
CO – 3	enhance critical thinking	B, F	K1, K2
CO – 4	perform literature reviews	G	K3, K4, K5
CO – 5	write research article	C, E, G	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, L - Low

Unit I:

Why Document Sources

Plagiarism and Academic Dishonesty

Think: Evaluating your sources

Unit II:

Select: Gathering Information about your sources

Organize: Creating your Documentation

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Unit III:

The Mechanics of Scholarly Prose

Unit IV:

Works Cited

Unit V:

In-Text Citations (Pg: 116)

Prescribed Text:

MLA Eighth Edition. The Modern Language Association of America. New York. 2016.

Core - XVI

TRANSLATION THEORY AND PRACTICE

Objectives:

1. To comprehend any Source language text and acquire the necessary skills to translate it into the Target language using adequate procedures and techniques.
2. To become a skilled translator.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the fields of translation principles, methods, procedures and techniques of translating.	B	K2
CO – 2	identify the nuances of the SL texts and enrich the adequate skills to address the issues of transition encountered by translators worldwide.	B	K2, K3
CO – 3	apply the acquired skills to translate specific structures and formulate suitable procedures for translation.	G, H	K3
CO – 4	analyse the grammatical classes, syntactic and semantic structures of the language concerned and re-text and re-render the Source language text.	D	K4
CO – 5	evaluate any translated text in the light of the principles, methods, techniques and procedures learnt.	G, H	K5
CO 6	produce translated texts to promote cultural exchange and connectedness.	G, H	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	M	M
CO 2	S	S	S	S	S	S	M	M
CO 3	S	S	S	S	S	S	M	M
CO 4	S	S	S	S	S	S	M	M
CO 5	S	S	S	S	S	S	M	M
CO 6	S	S	S	S	S	S	M	M

S – Strong, **M** – Medium, **L** - Low

Unit I:

1.1.   Defining Translation

1.2.   Art or Science or Craft?

1.3.   The Nature of Translation

1.4.   Fields of Translation

    1.4.1.   Literary Translation

    1.4.2.   Scripture Translation

    1.4.3.   Scientific and Technical Translation

    1.4.4.   Interpretation

        1.4.4.1. Alternative Interpretation

        1.4.4.2. Consecutive Interpretation

        1.4.4.3. Simultaneous Interpretation

        1.4.4.4. Liaison Interpreting

1.5.   Translating for the Media

    1.5.1.   Subtitling

    1.5.2.   Dubbing

1.6.   Machine Translation

Unit II:

1.7.   Problems, Principles, Methods and Procedures of Translation

    1.7.1.   Problems of Translation

        1.7.1.1.   Lexis

        1.7.1.2.   Syntax

    1.7.2.   The Role of the Translator

    1.7.3.   Principles of Translator

        1.7.3.1.   Principle of Fidelity

        1.7.3.2.   Principle of Intelligibility

        1.7.3.3.   Principle of Communication Load

        1.7.3.4.   Principle of Contextual Consistency

1.9.   Grammatical Classes and Universal Semantic Categories

    1.9.1.   Lexical Ambiguity due to Semantic Categories

2.4.7. Must

2.4.8. Would

2.4.9. Should

2.4.10. Could

2.4.11. Might

2.4.12. Ought

2.4.13. Dare

2.4.14. Need

2.4.15. Used to

Prescribed Texts:

Nihamathullah A. *Procedures of Translating*. Tirunelveli: Shameem Publication, 2009.

Nihamathullah A. *Techniques of Translation*. Tirunelveli: Shameem Publication, 2009.

Core - XVII
ENVIRONMENT AND LITERATURE
Objectives:

1. To introduce the nature and ecological aspects of literature and the critical practice of reading literature.

2. To establish a firm foundation in environmental writing and eco-criticism, thus bridging gaps between creative and scientific writing, through essays, poems, fiction and non-fiction.

3. To identify strategies used by poets, and fiction and nonfiction writers to address environmental questions through both the form and content of their works.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the significance and implications of environmental writing with varied perspectives of both literary and scientific criticism	B, G	K2
CO – 2	interpret and relate literary texts by using essential terms from Environment studies	B, C, G	K3, K4
CO – 3	value the significance of the latest schools of criticism through the new approach used practically	B, G	K4, K5
CO – 4	make close reading, critical thinking and analytical writing through which the students will be able to investigate the literary and cultural forms that shape the observation of the readers and the way in which they relate themselves with nature and environment	G, C, G	K2, K4, K5
CO – 5	develop awareness of how literature can articulate humanity's relationship with the environment	D, E	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Essays on Environment

Rachel Louise Carson	: And No Birds Sing
Aldo Leopold	: Land Ethics
Henry David Thoreau	: Pond

Unit II: Introduction to Ecocriticism

Cheryll Glotfelty	: Literary Study in an Age of Environmental Crisis
Peter Barry	: "Ecocriticism" from *Beginning Theory*

Unit III: Ecocritical Studies

Nirmal Selvamony	: tiNaipoetics
Gretchen T. Legler	: Ecofeminist Literary Criticism

Unit IV: Poetry

D.H. Lawrence	: Snake
G.M. Hopkins	: Spring
F.G. Scott	: The Unnamed Lake
Douglas A. Stewart	: The Silkworm
W.W.E. Ross	: The Snake Trying

Unit V: Fiction

John Steinbeck	: The Grapes of Wrath
Charlotte McConaghy	: Migrations

Prescribed Texts:

Rachel Louise Carson. *Silent Spring*. Crest Book.

Leopold, Aldo, Charles Walsh Schwartz, Barbara Kingsolver. *A Sand County Almanac: And Sketches Here and There*. New York: Oxford University Press, 2020.

Thoreau, Henry David. "Pond", *Walden*. Boston: Ticknor and Fields, 1854.

Glotfelty, Cheryll and Harold Fromm (Ed.) *The Eco-criticism Reader: Landmarks in Literary Ecology*. London: University of Georgia Press

Barry, Peter. *Beginning Theory: An Introduction to Literary and Critical Studies*. 3rd revised edition, 2009 Manchester University Press, 2009.

Selvamony, Nirmal. "tiNai Poetics and Tamil Poetry". *Horizons*, ed. Suresh Frederick, Thanjavur: Amithamani, 2011.

Warren, Karen J. Ed. Ecofeminism: Women, Culture, Nature. Bloomington: Indiana University Press, 1997.

https://www.poetryfoundation.org/poems/148471/snake-5bec57d7bfa17

https://www.poetryfoundation.org/poems/51002/spring-56d22e75d65bd

https://allpoetry.com/The-Unnamed-Lake

https://allpoetry.com/poem/8530083-The-Silkworms-by-Douglas-Alexander-Stewart

http://www.english-for-students.com/the-snake-trying.html

Steinbeck, John. *The Grapes of Wrath*. United States: The Viking Press, 1939.

Charlotte McConaghy. *Migrations*. Flatiron Books, 2021.

Core - XVII
MARGINAL LITERATURE

Objectives:

1. To introduce the literature that represent the marginalised.
2. To enable the students understand and identify the factors responsible for the different types of marginalisation.
3. To probe deep into the issues that bring in the paradigm shift.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the prescribed text and theories in the light of racial, cultural and social discriminations	B, D, F	K1, K2
CO – 2	apply the concept of diaspora in the global culture	D, G	K3, K4
CO – 3	assess values in line with the cultural hierarchy	D, G	K5
CO – 4	explore and examine the literary avenues that contribute to the growth of Marginal Literature	E, F	K4
CO – 5	investigate and offer panacea to the nemesis undergone by the marginalised	D	K4, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Theory

National Research Council : Theories of Discrimination

Terry Goldie : The Representation of the Indigene

Unit II: Racial Discrimination

      Suzan-Lori Parks   : Venus

Unit III: Cultural Discrimination

      Chinua Achebe   : Arrow of God

      Ta-Nehisi Coates   : Between the World and Me

Unit IV: Social Discrimination

      Alice Walker   : The Color Purple

      Azeem Ibrahim   : The Rohingyas: Inside Myanmar's Hidden Genocide

Unit V: Diaspora

      Uma Parameswaran   : Mangoes on the Maple Tree

      Zadie Smith   : White Teeth

Prescribed Texts:

National Research Council. "Theories of Discrimination," *Measuring Racial Discrimination*. Washington, DC: The National Academies Press, 2004.

Goldie, Terry. "The Representation of the Indigene", *Engaging with Literature of Commitment*. Volume 2, New York: Rodopi, 2012.

Parks, Suzan-Lori. *Venus*. New York: Theatre Communications Group, 2015.

Achebe, Chinua. *Arrow of God*. New York: Anchor Books, 1969.

Ta-Nehisi Coates. *Between the World and Me*. One World. 2015.

Walker, Alice. *The Color Purple*. New York: Penguin Books, 2019.

Azeem Ibrahim. *The Rohingyas: Inside Myanmar's Hidden Genocide*. Speaking Tiger Publishing Private Limited, 2017.

Parameswaran, Uma. *Mangoes on the Maple Tree*. New York: iUniverse, 2006.

Zadie Smith. *White Teeth*. Penguin UK, 2001.

Core - XVIII
INDIAN LITERATURE IN TRANSLATION
Objectives:

1. To impart the uniqueness and supremacy of landscape in Indian Literature.

2. To afford a comprehensive outline of different literatures in India.

3. To present multilingual translated works of Indian Literature.

4. To depict Indian convention through the innovative voices of various vernaculars.

5. To create an awareness of ethnic distinctions in translated works.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand how English gets Indianised in translation.	B	K1, K2
CO – 2	analyse with the major ancient medieval and modern literary movements in India and their influence on literature.	B	K1, K4
CO – 3	understand different literary techniques employed by various Indian regional language writers.	C, E	K1, K2
CO – 4	compare the features and peculiarities of Indian societies, culture and language.	C, D	K3, K5
CO – 5	engage in the vast possibilities of translating literary texts from their own languages into English.	G, H	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	M	M	S	M	S
CO 2	S	M	S	S	L	S	S	S
CO 3	S	S	S	M	S	S	S	S
CO 4	S	M	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	M	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Prose

    Murkoth Kumaran   : The Great Search (The Biography of Sree Narayana Guru)

    Kumud Pawde   : The Story of My "Sanskrit" (Autobiography)

    Suresh Joshi   : On Interpretation (Chintamayi Manasa)

    Sisir Kumar Das   : The Mad Lover

Unit II: Poetry

    S. Joseph   : My Sister's Bible

    N. Pichamurti   : National Bird

    Lankesh   : Mother

    Avtar Paash   : Lines to our own Insecurity

Unit III: Short Story

    Ashok Mitran   : Still Bleeding from the Wound

    V.M. Bashir   : Fool's Paradise

    Satyajit Ray   : The Indigo Terror

Unit IV: Drama

    Komal Swaminathan   : Thanneer Thanneer

Unit V: Fiction

    Kalki   : Ponniyin Selvan: New Floods – Volume I

    U.R. Ananthamurthy   : Bharathipura

Prescribed Texts:

Murkoth Kumaran, "The Great Search." *The Biography of Sree Narayana Guru*. 1st Ed. SNDS Trust, 1998.

https://www.arvindguptatoys.com/arvindgupta/well-english.pdf

Suresh Joshi. *On Interpretation*, Chintamayi Manasa, Joshi, Suresh, Suresh Joshinu. Sahitya Vishwa: Criticism, Vol 1 & 2, Gujarat Sahitya Academi, Gandhinagar, 2005.

http://egyankosh.ac.in/bitstream/123456789/54064/1/B-1U-2.pdf

https://www.poetryinternational.org/pi/poem/17776/auto/0/0/S-Joseph/My-Sisters-Bible/en/tile

http://cuckooscall.blogspot.com/2006/07/national-bird.html

http://komalesha.blogspot.com/2014/09/mother-english-translation-of-avva-by-p.html

https://parchanve.wordpress.com/category/authors/paash/

Ashok Mitran. *Still Bleeding from the Wound*. India Penguin, 2016.

V.M. Bashir. *Fool's Paradise*. Viddikalude Swargam, 1948.

https://www.parabaas.com/translation/database/translations/stories/satyajit_indigo.html.

Ananthamurthy U R. *Bharathipura*. New Delhi: Oxford University Press, 2012.

Kalki. *New Floods: Ponniyin Selvan*. Zero Degree Publishing, 2019.

SEMESTER VI

Core - XIX
LITERARY CRITICISM

Objectives:

1. To help the students to understand the principles of literary criticism.

2. To develop perspectives about the multidisciplinary nature of literary interpretation.

3. To help the students to understand the social, political and economical contexts of a literary text.

4. To sensitize students to aesthetic, moralistic and humanistic aspects of literary theory.

5. To help the students to understand the influence of psychology, linguistics and political philosophy in Literary Criticism.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the origin and development of the art of literary interpretation	A, B	K1, K2
CO – 2	comprehend the qualities of canonical literary texts	B	K2
CO – 3	gain an understanding about various modes and methods of literary interpretation	D, G	K3
CO – 4	trace the interdisciplinary nature of literary criticism evolved in the twentieth century	B, F	K4
CO – 5	improve their ability to read the literary texts critically and analyze them and write well-structured analysis of literary texts	D, E	K5, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	M	M	M	M	M	M
CO 2	S	L	M	S	S	L	M	L
CO 3	M	S	S	M	M	M	M	M
CO 4	M	S	M	S	S	M	L	M
CO 5	S	M	M	S	M	L	M	L

S – Strong, **M** – Medium, **L** - Low

Unit I: Classical Criticism

   Aristotle   : Poetics – Chapters 13,14,15

   Longinus   : On Sublimity- Some marks of true sublimity, Five sources of

                Sublimity

Unit II: 16th to 18th century

   Sir Philip Sydney : An Apology For Poetry

   Samuel Johnson   : Preface to Shakespeare

Unit III: Romanticism

   Wordsworth   : Preface to Lyrical Ballads

   S.T. Coleridge   : Biographia Literaria - Part II – Chapter 14

Unit IV: Victorian Period

   Matthew Arnold   : Culture and Anarchy - Sweetness and Light

   Walter Pater   : Preface - Studies in the History of Renaissance

Unit V: 20th Century

   T.S. Eliot   : Tradition and Individual Talent

   C.G. Jung   : On the Relation of Analytical Psychology to Poetry

Prescribed Texts:

Vincent B Leitch. *The Norton Anthology of Theory & Criticism*.

V.S. Seturaman & S. Ramasamy. *The English Critical Tradition Vol. 1 and 2*.

Ernst De Chickera D J Enright. *English Critical Texts*, OUP.

M.A.R. Habib, *Literary Criticism from Plato to the Present: An Introduction*. Wiley Blackwell, 2011.

David Lodge and Nigel Wood. *Modern Criticism and Theory: A Reader*. Routledge, 2017.

Literary Criticism (From Plato to Lewis), by Dr.Merin Simiraj, IIT Madras - SWAYAM Course.

Introduction to Literary Theory by Prof. Sayan Chattopadhyay, IIT Kanpur- SWAYAM Course.

Literary Criticism by Dr. C.G. Shyamala, Mercy College, Palakad – SWAYAM course

Introduction to Theory of Literature - Open Yale Courses - https://oyc.yale.edu/english/engl-300

Megan Hall – *Literary Criticism: A Brief Introduction*.

Core - XX
Canadian Literature

Objectives:

1. To comprehend the unique features in Canada's landscape and topography.
2. To To understand the literary tradition in Canadian literature.
3. To acquire a thorough knowledge of indigenous writing.
4. To analyze the post-modernist developments in Canadian literature

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	improve their ability to read the literary texts critically and analyse them and write well-structured analysis of literary texts	A, D	K2
CO – 2	trace the interdisciplinary nature of literary texts evolved in the twentieth century	B	K2, K5
CO – 3	gain an understanding about various modes and methods of literary interpretation	E	K3
CO – 4	comprehend the qualities of canonical literary texts	E, F	K1, K5
CO – 5	understand the origin and development of the art of literary interpretation	G	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Poetry

    Earle Birney   : Bushed

    Margaret Atwood   : Habitation

Armand Garnet Ruffo	: On the Day the World Begins Again
Michael Ondaatje	: Speaking To You

Unit II: Prose

Stephen Leacock	: The Conjurer's Revenge
	: A Model Dialogue
Margaret Atwood	: Napoleon's Two Biggest Mistakes

Unit III: Short Story

Alice Munro	: The Love of a Good Woman
Giuseppe Tomasidi	: The Siren
Rohinton Mistry	: One Sunday

Unit IV: Drama

Tomson Highway	: The Rez Sisters
Joan Macleod	: Toronto Mississippi

Unit V: Fiction

Alice Munro	: The Moons of Jupiter
Yann Martel	: The Life of Pi

Prescribed Texts:

https://www.poetrynook.com/poem/bushed-0

https://poets.org/poem/habitation

file:///C:/Users/HP/Downloads/The%20Love%20of%20a%20Good%20Woman%20_%20Stories%20(%20PDFDrive%20).pdf.

https://vdoc.pub/documents/the-rez-sisters-a-play-in-two-acts-nc31ghgfdgk0

Alice Munro. *The Moons of Jupiter*. RHUK. 2004.

Yann Martel. *Life of Pi*. Mariner Books, 2003.

Core - XXI
AUSTRALIAN LITERATURE

Objectives:

1. To acquire a detailed knowledge of the diverse nature and culture.
2. To explore the representation of aboriginality.
3. To understand the literary texts in their social, political, economical, historical, cultural and psychological contexts.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the origin and development of the art of literary interpretation	A, B	K2
CO – 2	improve their ability to read the literary texts critically and analyse them and write well-structured analysis of literary texts	D	K4
CO – 3	gain an understanding about various modes and methods of literary interpretation	C, E	K3, K6
CO – 4	comprehend the qualities of canonical literary texts	F	K5
CO – 5	trace the interdisciplinary nature of literary texts evolved in the twentieth century	C, G	K1, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Poetry

Judith Wright : The Moving Image

Oodgeroo Noonuccal : A Song of Hope

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C.K. Stead	: Pictures in a Gallery Undersea
Patricia Walsh	: Ordinary Death
David Malouf	: Wild Lemons
Les Murray	: An Absolutely Ordinary Rainbow

Unit II: Prose

Sally Morgan	: "What People are We?" from *My Place*
Kate Grenville	: One Life: My Mother's Story (Chapter one)

Unit III: Short Story

Edward Dyson	: A Golden Shanty
Tim Winton	: Big World

Unit IV: Drama

Jack Davis	: The Dreamers
Nick Enright	: Daylight Saving

Unit V: Fiction

Patrick White	: Riders in the Chariots
Doris Pilkington	: Follow the Rabbit-Proof Fence

Prescribed Texts:

https://iamnotasilentpoet.wordpress.com/tag/patricia-walsh/

https://poetryarchive.org/poet/c-k-stead/

https://kategrenville.com.au/books/one-life/

Jack Davis. *The Dreamers*. Currency Press, 2014.

Nick Enright. *Daylight Saving*. Currency Press, 2015.

Patrick White. *Riders in the Chariot*. NYRB Classics, 2002.

Doris Pilkington. *Follow the Ribbit Proof Fence*. University of Queensland Press, 2002.

Core - XXII
FANTASY LITERATURE

Objectives:

1. To kindle the spark of creative writing.

2. To introduce the students to a variety of fantasy writers.

3. To identify the components that are characteristic of fantasy literature.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	expand their imagination and enhance creativity	C, D	K2, K6
CO – 2	contextualize and understand the author's themes and ideas	B, D, F, G	K2, K4, K5
CO – 3	explore the uniqueness and differences between the subgenres of fantasy	D, F	K2, K4, K5
CO – 4	appreciate the artistry of the works and analyze them critically	B, D	K2, K4
CO – 5	improve their writing skills	C, E, G, H	K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	M	L	S	L	S	M
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	M	L	S	L	S	M
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	M	S	M	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Poetry

Lewis Carroll	: Jabberwocky
Lord Alfred Tennyson	: The Lady of Shalott
Walter de La Mare	: The Listeners

Unit II: Short Story

      Hans Christian Andersen   : The Little Mermaid

      Lord Dunsany   : The Hoard of the Gibbelins

      Anne McCaffrey   : The Smallest Dragonboy

Unit III: Drama

      J.K. Rowling, John Tiffany   : Harry Potter and the Cursed Child

      and Jack Thorne

Unit IV: Fiction

      J.R.R. Tolkien   : The Hobbit

      C.S. Lewis   : The Chronicles of Narnia: The Lion, the Witch and
            the Wardrobe

Unit V: Fiction

      Brandon Sanderson   : Mistborn: The Final Empire (Book One)

      Cassandra Clare   : The Mortal Instruments: City of Bones (Book One)

      Rick Riordan   : Percy Jackson and the Olympians: The Lightning
            Thief (Book One)

Prescribed Texts:

https://www.poetryfoundation.org/poems/42916/jabberwocky

https://www.poetryfoundation.org/poems/45359/the-lady-of-shalott-1832

https://www.poetryfoundation.org/poems/47546/the-listeners

http://hca.gilead.org.il/li_merma.html

https://www.sacred-texts.com/neu/dun/tbow/tbow11.htm

https://www.baen.com/Chapters/9781476781617/9781476781617___4.htm

J.K. Rowling, John Tiffany and Jack Thorne. *Harry Potter and the Cursed Child: Parts I & II*. Little Brown, 2016.

J.R.R. Tolkien. *The Hobbit*. Harpercollins. 2012.

C.S. Lewis. *The Chronicles of Narnia: The Lion, the Witch and the Wardrobe*. UK Children, 2010.

Brandon Sanderson. *Mistborn: The Final Empire*. Tor Fantasy, 2007.

Cassandra Clare. *City of Bones*. Walker Books, 2007.

Rick Riordan. *Percy Jackson and the Lightning Thief*. Penguin UK, 2013.

Core - XXIII
GLOBAL LITERATURE

Objectives:

1. To encourage the students to pursue their interests in literature beyond linguistic boundaries.
2. To understand the culture, language and identity of different countries.
3. To analyze the significance of conflict, peace and security in the global context.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	trace the interdisciplinary nature of literary texts evolved in the twentieth century	B, C	K1
CO – 2	gain an understanding about various modes and methods of literary interpretation	A, E	K2, K4
CO – 3	understand the origin and development of the art of literary interpretation	C	K3
CO – 4	comprehend the qualities of canonical literary texts	C, F	K4, K5
CO – 5	improve their ability to read the literary texts critically and analyse them and write well-structured analysis of literary texts.	D, G	K4, K6

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

Unit I: Poetry

    Pablo Neruda   : A Dog has Died

    Seamus Heaney   : Digging

Wole Soyinka	: Telephone Conversation
Patrick White	: The Widening Compass of Pain
George Seferis	: Helen

Unit II: Prose

| Octavio Paz | : The Clerk's Vision |
| Winston Churchill | : Painting as a Pastime |

Unit III: Short Story

Nadine Gordimer	: Once Upon a Time
Gabriel García Márquez	: A Very Old Man with Enormous Wings
Ronald Dahl	: Lamb to the Slaughter

Unit IV: Drama

| Rabindranath Tagore | : Red Oleanders |

Unit V: Fiction

| Mark Twain | : The Adventures of Tom Sawyer |
| Erica Ferencik | : Girl in Ice |

Prescribed Text:

https://www.poetryfoundation.org/poetrymagazine/poems/40470/a-dog-has-died

https://www.poetryfoundation.org/poems/47555/digging

https://allpoetry.com/poem/10379451-Telephone-Conversation-by-Wole-Soyinka

https://www.poemhunter.com/poem/the-widening-compass-of-pain/

https://www.poetryfoundation.org/poems/51361/helen-56d22f0b36c82

https://www.nobelprize.org/prizes/literature/1990/paz/prose/

https://gutenberg.ca/ebooks/churchillws-paintingasapastime/churchillws-paintingasapastime-00-h-dir/churchillws-paintingasapastime-00-h.html

http://blogs.ubc.ca/lled4492017/files/2017/05/Once-Upon-a-Time.pdf

https://www.umsl.edu/~alexanderjm/AVeryOldManwithEnormousWingsbyMarquez.pdf

https://www.rsf.gsacrd.ab.ca/eteacher_download/1119/35642

Rabindranath Tagore. *Red Oleanders*. Niyogi Books, 2012.

Mark Twain. *The Adventures of Tom Sawyer*. Fringerprint Publishing, 2015.

Erica Ferencik. *Girl in Ice*. Scout Press, 2022.

Core - XXIII
LITERATURE AND PSYCHOLOGY

Objectives:

1. To enhance one's behaviour for the better and to know the human reality.

2. To maintain physical and emotional well-being.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	understand the parallelism between Psychology and Literature and their relevance in one's life.	A, F	K2
CO – 2	apply the motivations of authors and their fictional figures to comprehend the human condition.	B	K2, K3
CO – 3	analyse the human consciousness and the different phenomena in the human psyche.	B	K3, K4
CO – 4	analyze the causes and connections to recover meanings.	B	K3, K4
CO – 5	evaluate the production of a text and real life.	B	K5
CO 6	create characters and situations to highlight the psychological dimension of human reality.	G	K1

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, **K6** – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	M
CO 3	S	S	S	S	S	S	M	M
CO 4	M	S	M	M	S	S	M	L
CO 5	S	S	S	S	L	S	M	M

S – Strong, **M** – Medium, **L** - Low

Unit I: Poetry

Rudyard Kipling : If

Robert Browning : Andrea Del Sarto

Maya Angelo	: Phenomenal Woman
Jo Camacho	: The Owl and the Chimpanzee

Unit II: Novella

Henry James	: The Turn of the Screw
Franz Kafka	: The Metamorphosis

Unit III: Short Story

Anton Chekhov	: The Bet
	: Ward No 6
William Faulkner	: A Rose for Emily
Katherine Mansfield	: Psychology

Unit IV: Drama

William Shakespeare	: Julius Caesar
Sharon Pollock	: Blood Relations

Unit V: Fiction

Fyodor Dostoyevsky	: Crime and Punishment
Paula Hawkins	: The Girl on the Train

Prescribed Texts:

https://uh.edu/~hwagan/pnl/if.pdf

https://rpo.library.utoronto.ca/content/andrea-del-sarto

https://allpoetry.com/phenomenal-woman

https://nowcomment.com/documents/238717

https://www.ibiblio.org/ebooks/James/Turn_Screw.pdf

https://www.lonestar.edu/departments/english/kafka_metamorphosis.pdf

https://www.acschools.org/cms/lib/PA01916405/Centricity/Domain/399/The%20Bet.pdf

https://nmi.org/wp-content/uploads/2015/01/1332.pdf

https://repositorio.ufsc.br/bitstream/handle/123456789/163604/A%20Rose%20for%20Emily%20-%20William%20Faulkner.pdf?sequence=1&isAllowed=y

http://digital.library.upenn.edu/women/mansfield/bliss/psychology.html

http://pinkmonkey.com/dl/library1/julius.pdf

http://spartan.ac.brocku.ca/~dvivian/Blood_Relations/Blood_Relations_A_Primer_rev_4.pdf

https://www.planetebook.com/crime-and-punishment/

Paula Hawkins. *The Girl on the Train*. Random House, 2016.

Core - XXIV

PROJECT - INDIVIDUAL

Objectives:

1. To perform academic review and analysis by retaining and interpreting information.

2. To formulate substantiated theories and solutions academically.

3. To delineate information efficiently and effectively through academic avenues.

4. To hypothesize and test theories in an academic manner.

Course Outcomes:

CO No.	Upon the completion of this course, students will be able to	PSO Addressed	Cognitive Level
CO - 1	meaningfully retain information from reading academic articles	B, G	K1, K2
CO – 2	analyse and evaluate retained information in meaningful ways	G	K3, K5
CO – 3	Develop meaningful theses from the information gathered	B, G	K4, K6
CO – 4	plan and write advanced papers	G	K3, K6
CO – 5	detect plagiarism and identify ways to eliminate it	B, C	K3, K5

K1 – Remember, **K2** – Understand, **K3** – Apply, **K4** – Analyze, **K5** – Evaluate, K6 – Create

Mapping with POs:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	S	S	S	S	S	S	S	S
CO 2	S	S	S	S	S	S	S	S
CO 3	S	S	S	S	S	S	S	S
CO 4	S	S	S	S	S	S	S	S
CO 5	S	S	S	S	S	S	S	S

S – Strong, **M** – Medium, **L** - Low

The students are expected to submit a project of about 30 pages on preferably a recent writer not included in the current syllabus.

Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge and conviction.

PRINCIPAL
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