

# **NAZARETH COLLEGE OF ARTS AND SCIENCE**

*(Affiliated to the University of Madras, Accredited with 'B' Grade by NAAC)*

## **PROGRAM OUTCOMES**

### **DEPARTMENT OF COMMERCE – B. Com**

#### **PROGRAM OUTCOME:**

PO1: Students will be able to get advanced knowledge in special subjects like accounting, taxation, banking, insurance, corporate law, etc.

PO2: Students will learn financial accounting career skill, applying both quantitative and qualitative knowledge to their future in business

PO3: Students can be able to engage in Professional courses like CA, ICWA, CMA, CS, etc.

PO4: Students will involve in various co-curricular activities like Product planning, Entrepreneurial development programme, Management event, etc., for the Practical exposure

PO5: Curriculum offers number of practical exposure which would equip the students to face the challenges of 21<sup>st</sup> century in commerce and Business

PO6: Students will be able to do higher education and research in the field of commerce and finance

### **DEPARTMENT OF COMMERCE – B. Com CS**

#### **PROGRAM OUTCOME**

PO1: Effective Communication: Communicate effectively on complex corporate activities in association with corporate community and with society at large.

PO2: Ethics: Apply ethical principles and commit to corporate ethics, responsibilities and norms of the corporate practices.

PO3: Environment: Manage personnel to meet changing organizational needs in a business environment. Evaluate the implications of changing environmental factors on organizational choices within a global environment.

PO4: Self Directed: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning. Able to motivate and direct them to face the complex corporate challenges.

PO5: To impart knowledge and skills needed to contribute to the corporate world

## **DEPARTMENT OF BUSINESS ADMINISTRATION - BBA**

### **PROGRAM OUTCOME:**

**PO1:** Manage and coordinate people, business processes, and business resources.

**PO2:** Develop and implement components of a business plan.

**PO3:** Communicate in a variety of domains, including writing, speaking, listening and reading, while respecting the impact of technology on effective communication.

**PO4:** Help to Identify, evaluate, analyze, interpret and apply information to address problems and make reasoned decisions in a business context.

**PO5:** Students will learn to use data to engage in effective decision-making in a business

**PO6:** Demonstrate knowledge and application of prescribed ethical codes and behaviours in the workplace

## **DEPARTMENT OF COMPUTER SCIENCE – B. Sc Computer Science**

### **PROGRAM OUTCOME:**

**PO1:** Ability to apply knowledge in mathematics and science fundamentals to solve problems.

**PO2:** Ability to use a range of programming languages and tools to develop computer programs to solve problems effectively.

**PO3:** Design, and analyze precise specifications of algorithms, procedures, and interaction behaviour.

**PO4:** Ability to work in teams to build software systems and apply the technologies in various fields of Computer Science, including Mobile applications, Web site development and management, databases, and computer networks.

**PO5:** Ability to select appropriate techniques to tackle and solve problems in the discipline of information security management.

**PO6:** Understand the basic concepts of system software, hardware and computer graphics.

## **DEPARTMENT OF MATHEMATICS – B. Sc Mathematics**

### **PROGRAM OUTCOME:**

**PO1** The students will be capable of developing analytical thinking and reasoning.

**PO2** The students will recognize the importance of mathematical concepts & techniques in problem solving and use them with their own ideas to real – world problems.

**PO3** It helps the students to recognize and appreciate the connections between the theory and application.

**PO4** Use mathematical ideas to model real world problems and to develop and maintain problem solving skills.

**PO5** Computer programming algorithm is mainly dependent on the field of mathematics

**PO6** Mathematics inculcates to chart efficient planning and errorless execution of novel ideas and acts as main source of architectural languages and data basis.

### **DEPARTMENT OF COMPUTER APPLICATIONS - BCA**

#### **PROGRAM OUTCOME:**

**PO1:** Provide a sound academic base from which an advanced career in computer applications can be developed.

**PO2:** Improve their computer literacy, their basic understanding of operating systems and a working knowledge of software commonly used in academic and professional environments.

**PO3:** Design and deliver an effective presentation and develop the various IT skills related electronic databases.

**PO4:** Learn to organize information efficiently in the form of outlines, charts etc by using appropriate software.

**PO5:** Practical approach and insight are provided with the conventional theoretical and practical knowledge

**PO6:** The graduates can start their career with a great scope in the expanse of the industry verticals.

### **DEPARTMENT OF ENGLISH – B.A English**

#### **PROGRAM OUTCOME:**

PO1: Realization of Human Values.

PO2: Responsible and Dutiful Citizen.

PO3: Sense of Social Service

PO4: Critical Temper

PO5: Creative Ability.

PO6: Developing the Poetic Devices and Their Usages

#### **DEPARTMENT OF COMMERCE – M. Com General**

##### **PROGRAM OUTCOME:**

**PO1:** Students Will Demonstrate An Appropriate Level Of Expertise In Literary History, Literary Theory, And Rhetoric.

**PO2:** Students Will Demonstrate High-Level Proficiency In Literary Research And In The Synthesis Of Research.

**PO3:** Students Will Demonstrate Critical And Analytical Skills In The Interpretation And Evaluation Of Literary Texts.

**PO4:** Students Will Demonstrate A Command Of Written Academic English, Including The Abilities To A) Organize And Present Material In A Cogent Fashion, B) Formulate And Defend Original Arguments, C) Employ Effectively The Language Of Their Discipline And D) Write Under Time Constraints.

**PO5:** Students Will Demonstrate Reading Knowledge Of At Least One Foreign Language.

**PO6:** He Program Also Offers Students Pathways To Prepare For Doctoral Work.

#### **DEPARTMENT OF COMPUTER SCIENCE – M. Sc Computer Science**

##### **PROGRAM OUTCOME:**

PO1: have the ability to communicate computer science concepts, designs & solutions effectively and professionally

PO2: Apply knowledge of computing to produce effect design & solutions for specific problem

PO3: Identify, Analyze and synthesize scholarly literature relating to the field of computer science

PO4: Use software development tools, software systems and modern computer platforms.

## **DEPARTMENT OF ENGLISH – M.A English**

### **PROGRAM OUTCOME:**

**PO1:** Students Will Demonstrate An Appropriate Level Of Expertise In Literary History, Literary Theory, And Rhetoric.

**PO2:** Students Will Demonstrate High-Level Proficiency In Literary Research And In The Synthesis Of Research.

**PO3:** Students Will Demonstrate Critical And Analytical Skills In The Interpretation And Evaluation Of Literary Texts.

**PO4:** Students Will Demonstrate A Command Of Written Academic English, Including The Abilities To A) Organize And Present Material In A Cogent Fashion, B) Formulate And Defend Original Arguments, C) Employ Effectively The Language Of Their Discipline And D) Write Under Time Constraints.

**PO5:** Students Will Demonstrate Reading Knowledge Of At Least One Foreign Language.

**PO6:** He Program Also Offers Students Pathways To Prepare For Doctoral Work.

## **DEPARTMENT OF SOCIAL WORK - MSW**

### **PROGRAM OUTCOME:**

- Apply critical thinking skills within the context of professional social work practice.
- Use the value base of the profession and its ethical standards and principles, and practice accordingly.
- Practice without discrimination and with respect, knowledge, and skills related to clients' age, class, colour, culture, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation.
- Gained knowledge of the forms and mechanisms of oppression and discrimination and apply strategies of advocacy and social change that advance social and economic justice.
- Understood and interpret the history of the social work profession and its contemporary structures and issues.
- Gained the knowledge and skills of generalist social work practice with systems of all sizes.
- Use theoretical frameworks supported by empirical evidence to understand individual development and behaviour across the life span and the interactions among individuals and between individuals and families, groups, organizations, and communities.

- Gained skills to analyze, formulate, and influence social policies.
- Gained knowledge to evaluate research studies, apply research findings to practice, and evaluate their own practice interventions.
- Obtained needed communication skills differentially across client populations, colleagues, and communities.
- Effectively use supervision and consultation appropriate to social work practice.

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## **PROGRAM SPECIFIC OUTCOMES**

### **DEPARTMENT OF COMMERCE – B. Com General**

#### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: To inculcate Entrepreneurship and Managerial Skills in students so as to enable them to establish and manage their business effectively.

PSO 2: To enrich Marketing and Leadership skills sets of students

PSO 3: To cater to the manpower needs of companies in Accounting , Marketing, Management etc.,

### **DEPARTMENT OF CORPORATE SECRETARYSHIP – B. Com CS**

#### **PROGRAM SPECIFIC OUTCOME:**

PSO1: To prepare learners to face modern day challenges in the corporate world by providing practical exposure.

PSO2: To acquire an in – depth grounding in the fundamentals of Accounts, Commerce, Finance, Management, Law, Entrepreneurial Development and Income Tax.

PSO3: Develop skills to excel in job market.

PSO4:The course enabled the students to acquire the knowledge about Accounting, Law papers and computer skills.

PSO5:They specialize in areas like Company law, Secretarial practice, General Laws, Industrial, Corporate laws and corporate governance.

### **DEPARTMENT OF BUSINESS ADMINISTRATION – BBA**

#### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Helps in applying the managerial Knowledge in the business for effective decision making

PSO 2: Experiential Learning through internship training

PSO 3: It helps to inculcate the Entrepreneurial skill in the students.

## **DEPARTMENT OF COMPUTER SCIENCE – B. Sc Computer Science**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Professionally trained in the areas of programming, multimedia, animation, web designing, networking and to acquire knowledge in various domain based electives.

PSO 2: To Employ modern computer languages and applications for their successful career.

## **DEPARTMENT OF MATHEMATICS – B. Sc Mathematics**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Understands the basic concepts of advanced Mathematics

PSO 2: Develops the Problem Solving Skill

PSO 3: It helps students to create Mathematical Models.

## **DEPARTMENT OF COMPUTER APPLICATIONS - BCA**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: To understand the concepts and applications in the field of Computing sciences like web designing and development.

PSO 2: To develop tools to analyze

## **DEPARTMENT OF ENGLISH – B.A. English**

### **PROGRAM SPECIFIC OUTCOMES:**

PSO 1: It enhances the knowledge of foundational texts of British and American Literature

PSO 2: To Understand the historical and cultural range of literature written in English

PSO 3: To Gain Knowledge of foundational texts of British and American Literature.

## **DEPARTMENT OF COMMERCE – M. Com**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Expert in literary history and literary theory

PSO 2: Students will possess high level proficiency in literary research and in the synthesis of research

PSO 3: To understand the development of the English Language as used in works of literature.

## **DEPARTMENT OF COMPUTER SCIENCE – M. Sc Computer Science**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Understanding the principals and working of the hardware and software aspects of computer systems

PSO 2: To understand the latest trends in technological development and to innovate new ideas and solutions

## **DEPARTMENT OF ENGLISH – M.A. English**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: Expert in literary history and literary theory

PSO 2: Students will possess high level proficiency in literary research and in the synthesis of research

PSO 3: To understand the development of the English Language as used in works of literature.

## **DEPARTMENT OF SOCIAL WORK - MSW**

### **PROGRAM SPECIFIC OUTCOME:**

PSO 1: The students will understand the concepts on various social work concepts required for better practice

PSO2: The students gain Knowledge of various social Legislation and measures for seeking remedies for the socially deprived people

PSO3: To apply Social work in practice and research in different fields.

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## COURSE OUTCOMES

### DEPARTMENT OF COMMERCE

COURSE NAME	COURSE CODE	COURSE OUTCOME
FINANCIAL ACCOUNTING	BPZ1A	CO1- It helps to know the uses and users of accounting information. CO2- It explains about accounting concepts, principles and conventions. CO3- It Provides the knowledge of record, basic accounting transactions and prepare annual financial statements CO4- Analyse, interpret and communicate the information contained in basic financial statements and explain the limitations of such statements.
BUSINESS ECONOMICS	BTZ1A	CO1: Apply the concept of opportunity cost. CO2: Know law of diminishing proportion , product function , Economies of scale CO3: Analyze operations of markets under varying competitive conditions. CO4: Understand theories of profit , profit maximization and analysis of Break Even Point CO5: Employ marginal analysis for decision making. CO6: Understand Pricing policy and pricing methods
BUSINESS COMMUNICATION	BPZ1B	CO1: It helps to write different types of business letters& long reports, memorandums & action plans. CO2: It increases English fluency & oral communication. CO3: It helps to learn how to communicate to different level of people in the management. CO4: It helps the students to face the interview without fear.
ADVANCED FINANCIAL ACCOUNTING	BPZ2A	CO1: Students will know the various methods of maintaining the accounting records in various forms of business CO2: It helps to understand the Scope of departmental accounting and Branch account and its system

		<p>CO3: Provides knowledge of Hire Purchasing and installment system</p> <p>CO4: Enable the students to understand partnership account from admission to dissolution</p>
PRINCIPLES OF MANAGEMENT	BPZ2B	<p>CO1: Communicate the concept of management</p> <p>CO2: Observe and evaluate the influence of historical forces on the current practice of management.</p> <p>CO3: Students will know about the significance of the management.</p> <p>CO4: Explain how organizations adapt to an uncertain external environment and internal environment.</p>
INDIAN ECONOMY	BTZ2A	<p>CO1: To understand the basic concepts to economic development</p> <p>CO2: To introduction the modern tools for measuring economy growth and development</p> <p>CO3: To provide knowledge about important issues in development</p> <p>CO4: Analyze causes and consequences of unemployment inflation and economic growth</p> <p>CO5: To enable the students to comprehensive and critically appraise the current trends and issues in the economy</p> <p>CO6: To enrich the students awareness about the Indian economy</p>
CORPORATE ACCOUNTING	BPZ3A	<p>CO1-It helps to acquire the knowledge about the shares and Debenture and its redemption</p> <p>CO2- It enables the students to understand the company final accounting</p> <p>CO3: To provide knowledge on Goodwill and valuation of shares</p> <p>CO4:Students can get an idea about internal reconstruction</p>
BUSINESS LAW	BPZ3B	<p>Co 1. To demonstrate an understanding of the legal environment of business.</p> <p>Co2. To Identify the fundamental legal principles behind contractual agreements.</p> <p>Co3. To understand the legal and fiscal structure of different forms of business organization and their responsibilities as an employer.</p> <p>Co4. To acquire problem solving techniques and to be able to present coherent, concise legal argument.</p>

<p style="text-align: center;">BANKING THEORYLAW AND PRACTICE</p>	<p style="text-align: center;">BPZ3C</p>	<p>CO1.Helps to understand the modern day developments in Indian Banking Sector.</p> <p>CO2. It facilitates the understanding of the origin and the growth of the Indian Banking.</p> <p>CO3. Explain the principles and functions of banking</p> <p>CO4. It facilitate the understanding of the origin and the growth of the Indian Banking</p>
<p style="text-align: center;">MARKETING</p>	<p style="text-align: center;">BPZ3D</p>	<p>CO1: It helps to understand the today's marketing situations</p> <p>CO2: It helps to acquire the knowledge about various marketing concepts.</p> <p>CO3: It helps to bring out the students creativity for planning a product.</p> <p>CO4: It develops the knowledge about the global market.</p>
<p style="text-align: center;">BUSINESS STATISTICS</p>	<p style="text-align: center;">BDZ3A</p>	<p>CO1: Ability to interpret statistical analysis tools</p> <p>CO2: Capability to use statistical methods for solving practical problems.</p> <p>CO3: Interest to calculate statistical parameters like mean, measure of dispersion, indices.</p> <p>CO4: Efficient application of sampling.</p>
<p style="text-align: center;">ADVANCED CORPORATE ACCOUNTING</p>	<p style="text-align: center;">BPZ4A</p>	<p>CO1: Students will understand the applications of Accounting Transactions in corporate sector</p> <p>CO2: Enable the students to understand about amalgamation , absorption and external reconstruction</p> <p>CO3: make the students to aware about accounts of insurance companies and banking companies</p> <p>CO4: students will gain an idea of liquidation of companies and develop knowledge of holding companies accounts</p>
<p style="text-align: center;">COMPANY LAW</p>	<p style="text-align: center;">BPZ4B</p>	<p>CO1. It develops the student's skill in legal reasoning and analysis through study of statutes, case law and regulatory practice relating to company law.</p> <p>CO2. Students will understand the provision governing the company law</p> <p>CO3. Provides an awareness of current policy trends and developments in company law.</p> <p>CO4. Demonstrate comprehensive knowledge and understanding of social and economic policy considerations arising in this area.</p>

FINANCIAL SERVICES	BPZ4C	<p>CO1:It Provides the concept of Capital Market, lease financing, venture Capital and Mutual Fund</p> <p>CO2: Describe the dimensions of performance and risk relevant to financial services companies.</p> <p>CO3: equip the students with details about foreign collaboration and Multinational corporate.</p> <p>CO4: Explain how the financial services component industries (insurance, banking, securities, real estate and financial planning) interact.</p>
BUSINESS TAX	BPZ4D	<p><b>CO1:</b> It help's the students understand the law and application of key types of business taxes including the Goods &amp; Services Tax (GST).</p> <p>CO2: It provides the knowledge of business taxes, Goods &amp; Service tax (GST), state business tax etc.</p> <p>CO3: The student's will be able to explain the basic principles and policies of Indirect Tax in India.</p> <p>CO4: The student 's will be able to understand the principles and policies of GST in India, GST law and practice</p>
ELEMENTS OF OPERATIONS RESEARCH	BTZ4D	<p>CO1: Understands the importance, techniques &amp; applications of OR.</p> <p>CO2: Identifies, develops &amp; interpret OR models.</p> <p>CO3: Uses OR techniques to formulate &amp; solve LPP.</p> <p>CO4: Identifies &amp; evaluates strategic situation in solving games.</p>
ENVIRONMENTAL STUDIES	ENV4A	<p>CO1: Understand concepts from environment studies, political, and social analysis, design and evaluation of environmental policies of institutions.</p> <p>CO2: Helps to the concepts and methods of renewable and non-renewable sources and their application in environmental problem solving.</p> <p>CO3: Students can acquire knowledge on ecosystem, Food Chains, and historical. Context of environmental issues and the links between human and natural systems</p> <p>CO4:Students understand critically on Bio-diversity , threats for Bio-diversity and their roles and identities as citizens, consumers and environmental actors in a complex,</p>

		interconnected world
ELEMENTS OF COST ACCOUNTING	BPZ5A	<p>CO1: Students understood how to apply traditional and contemporary approaches to product costing in job, process and activity based costing environments.</p> <p>CO2: Students know how to use standard costs to prepare budgets for planning and control purposes.</p> <p>CO3: Understand the advantages of costing to the stakeholders, worker, creditors and the public</p> <p>CO4: Students can know the Process of Accounting for Cost Elements.</p>
PRACTICAL AUDITING	BPZ5B	<p>CO1: It explains the uses of auditing and various technique of Auditing to the student.</p> <p>CO2: It makes us to know what are the different types of auditing conducted in different types of industries.</p> <p>CO3: It gives as the knowledge how to auditing is really important in keeping the internal control and check.</p> <p>CO4: It gives the brief knowledge about what are the financial documents to be field and how they have to be field.</p>
ENTREPRENURIAL DEVELOPMENT	BPZ5C	<p>CO1: Students will understand the concept of entrepreneurship and their work in life</p> <p>CO2: Students are able to plan, organize, and execute a project or new venture with the goal of bringing new products and service to the market.</p> <p>CO3: Students will understand about different innovation and entrepreneurship theories and their implications.</p> <p>CO4: It enable the Students to know the effectiveness of the manpower in entrepreneurship</p>
FINANCIAL MANAGEMENT	BPZ5D	<p>CO1: Describe the concepts of the investment, financing and working capital.</p> <p>CO2: Explain alternative sources of finance and investment opportunities and their suitability in particular circumstances</p> <p>CO3: Select and apply techniques in managing working capital</p> <p>CO4: Assess the factors affecting investment decisions and opportunities presented to an organization</p>

<p style="text-align: center;">INCOME TAX LAW AND PRACTICE- I</p>	<p style="text-align: center;">BVA5A</p>	<p>CO1: introduce the basic concept of Income Tax and residential status</p> <p>CO2: In order to familiarize the different know-how and heads of income with its components</p> <p>CO3: It helps to build an idea about Salary and income from house property as a concept</p> <p>CO4: It give more idea about the income from business or profession with the provisions depreciation.</p>
<p style="text-align: center;">ADVANCED COST ACCOUNTING</p>	<p style="text-align: center;">BPZ6A</p>	<p>CO1: Describe the process of ascertaining, classification and controlling cost.</p> <p>CO2: Explain the basic concept of cost and how costs are presented in financial statements.</p> <p>CO3: it helps to learn the various methods of cost elements.</p> <p>CO4: Asses how cost-volume-profit are related and use CVP analysis as a planning and decision making aid.</p>
<p style="text-align: center;">MANAGEMENT ACCOUNTING</p>	<p style="text-align: center;">BPZ6B</p>	<p>CO1: It helps to learn about the various techniques of management principles</p> <p>CO2: It helps to encourage the acquisition of knowledge &amp; skills in solving management problems</p> <p>CO3: It helps to understand the proper idea on financial statement analysis in practical point of view</p> <p>CO4: It helps to know the flexible budgeting, standard costing, and variance analysis &amp; performance management and also solve their problems.</p>
<p style="text-align: center;">BUSINESS ENVIRONMENT</p>	<p style="text-align: center;">BPZ6C</p>	<p>CO1: It explain the effects of government policy on the economic environment</p> <p>CO2: It helps to know the factors affecting the changes in the Business climate</p> <p>CO3: It gives an idea of Global environment.</p> <p>CO4: It explains the legal framework that regulates the different types of industry.</p>
<p style="text-align: center;">INCOME TAX LAW AND PRACTICE II</p>	<p style="text-align: center;">BVZ6A</p>	<p>CO1: To develop an idea about capital gain and income from other source among students</p> <p>CO2: To determine the concept of assessment of individual</p> <p>CO3: Enabling the students to have a fair idea on set-off and carry forward of losses</p> <p>CO4: Facilitate the students in understanding the various Provisions of Income Tax Act</p>

HUMAN RESOURCE MANAGEMENT	BVZ6B	<p>CO1: Facilitate the students to know about the importance of Human Resources</p> <p>CO2: Summarize the key laws affecting human resource practices.</p> <p>CO3: Describe effective strategies for recruiting and selecting qualified job applicants.</p> <p>CO4: Provide an idea about different compensation policies and training approaches.</p>
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### DEPARTMENT OF BUSINESS ADMINISTRATION

COURSE NAME	COURSE CODE	COURSE OUTCOME
Financial Accounting	MAM1C	<p>CO1Students learnt the basic concept of accounting and preparation of ledger</p> <p>CO2Students gained knowledge in the preparation of the trading and non trading organization</p> <p>CO3Students acquired knowledge in the settlement of accounts for the admitted and retired partners</p> <p>CO4Students learnt the depreciation calculation on the fixed assets and computation of claim under loss of stock</p> <p>CO5Gained knowledge on calculation of profit for small traders</p> <p>CO6Gained knowledge through practical problems</p>
Principles of Management	MAM1D	<p>CO1Acquired knowledge in the process and levels of management in the organization.</p> <p>CO2Students gained knowledge in planning and decision making activities in the organisation</p> <p>CO3Students understood types and structure of organization</p> <p>CO4Gained knowledge on staffing the employees</p> <p>CO5Students understood the do's and don'ts in business</p> <p>CO6Gained knowledge through case studies</p>
Managerial Economics	MBM1A	<p>CO1Students gained knowledge about the concepts in economics and managerial economics</p> <p>CO2Students understood about the demand analysis and consumer behavior</p>

		<p>CO3Students gained complete knowledge about the cost concepts and production function</p> <p>CO4Students had a theoretical knowledge about the Pricing methods</p> <p>CO5Students acquired knowledge about the concept of Market Structure in detail</p> <p>CO6Gained knowledge through case studies</p>
Management Accounting	MAM2E	<p>CO1Students gained knowledge on Management, financial and cost accounting differences</p> <p>CO2Students acquired knowledge on analysis and interpretation of financial statements</p> <p>CO3Knowledge gained on various ratios to be computed for financial statements</p> <p>CO4Learnt to ascertain the working capital position and the preparation of various budgets</p> <p>CO5Acquired knowledge in the investment in long term projects</p> <p>CO6Gained knowledge through practical problems</p>
Business Communication	MAM2C	<p>CO1Students gained knowledge in the effective communication and to draft the layout for a business letter</p> <p>CO2Learnt to draft the various business letters</p> <p>CO3Gained knowledge in corresponding towards bank, insurance, agency, shareholders and directors.</p> <p>CO4Learnt to prepare a report, minutes and memorandum of a meeting</p> <p>CO5Knowledge gained on the latest technology</p> <p>CO6Gained knowledge through case studies</p>
International Trade	MBM2B	<p>CO1Students gained knowledge about internal and international Trade</p> <p>CO2Students acquired wisdom on the theories of the International Trade</p> <p>CO3Students learnt about the Balance of Payment and its concepts in detail</p> <p>CO4Knowledge was gained by the students on IMF and IBRD</p> <p>CO5Students understood about the World Trade Organization with special reference to India.</p>

		CO6 Gained knowledge through case studies
Financial Management	MBM2E	CO1 Gained knowledge on various source of finance CO2 Students gained knowledge on factors affecting the capital and capital structure formation CO3 Students understood the concept of cost of capital CO4 Gained knowledge on various dividend policies CO5 Students acquired knowledge on working capital requirement and operating cycle CO6 Gained knowledge through practical problems
Organizational Behavior	MAM3G	CO1 Students came to know the need, scope and theories of organisation CO2 Students gained knowledge on various motivational techniques of employees CO3 Students learned knowledge on work environment and leadership styles CO4 Students acquired knowledge on group dynamics in an organisation CO5 Students understood the climate and culture in an organization CO6 Gained knowledge through case studies
Computer Application in Business	MAM3H	CO1 To learn the usage of word processor and electronic spreadsheet CO2 To understand the importance of DBMS and its applications in query language. CO3 To study the concept of EDI and its applications. CO4 To learn Internet Basics and realize the difference between Distributed computing & Client / Server computing. CO5 To understand IS audit and its applications. CO6 Gained knowledge through case studies
Marketing Management	MAM3J	CO1 Students understood about the marketing and its various environmental factors CO2 Gained knowledge on buyer behavior and market segmentation CO3 Students learnt about various stage in Product Life Cycle CO4 Gained knowledge in the marketing channels and sales management

		<p>CO5 Students gained knowledge on advertising and sales promotion</p> <p>CO6 Gained knowledge through case studies</p>
<p>Business Mathematics and Statistics</p>	<p>MCM3C</p>	<p>CO1 Student gained the knowledge on presentation and tabulation of data, the methods of collecting data and summarizing the data using central tendency.</p> <p>CO2 Students acquired the knowledge on various measures of dispersion and the method of measuring it.</p> <p>CO3 Students acquired the knowledge on measuring the trend or variation existing in a Time Series data.</p> <p>CO4 They gained the knowledge of measuring the fluctuation or changes in Price and quantity of goods and products using various index numbers.</p> <p>CO5 The students have learned to understand the research problem in hand and to apply the appropriate test suitable to the research problem.</p> <p>CO6 Gained knowledge through practical problems</p>
<p>Human Resource Management</p>	<p>MAM4Z</p>	<p>CO1 Acquired knowledge on HRM, its environment, methods of selection, and Interview techniques.</p> <p>CO2 Gained knowledge on training and career development</p> <p>CO3 Students learnt about remuneration and welfare measures.</p> <p>CO4 Gained facts about labour relation and Industrial disputes</p> <p>CO5 Students learnt about human resource audit, nature and approaches</p> <p>CO6 Gained knowledge through case studies</p>
<p>Business Regulatory Framework</p>	<p>MAM4M</p>	<p>CO1 Acquired knowledge on contract and sale of goods Act</p> <p>CO2 Learnt on companies Act and procedures</p> <p>CO3 Gained knowledge on various foreign regulations and consumer rights and duties</p> <p>CO4 Acquired knowledge on how the inventions to be patented</p> <p>CO5 Gained knowledge on how the transactions to be digitalized</p> <p>CO6 Gained knowledge through case studies</p>

Financial Service	MAM4N	<p>CO1 Students gained knowledge on role of financial service sector</p> <p>CO2 Acquired knowledge on functions of NIM, SEBI</p> <p>CO3 Students understood the concepts of leasing, factoring and hire purchase</p> <p>CO4 Gained knowledge on project investment</p> <p>CO5 Learnt the concept of role of UTI and mutual funds</p> <p>CO6 Gained knowledge through case studies</p>
Management Information Systems	MAM4P	<p>CO1 Students gained knowledge on MIS and its support for planning, organizing and support for controlling</p> <p>CO2 Students learnt about different concept of system</p> <p>CO3 Gained knowledge on various element of computer and its accessories</p> <p>CO4 Students gained knowledge on SDLC and corresponding professional course</p> <p>CO5 Acquired knowledge on different support systems</p> <p>CO6 Gained knowledge through case studies</p>
Operations Research	MBM4D	<p>CO1 Students have gained the knowledge on Scope, Characteristics of OR models and their formulations.</p> <p>CO2 Students have gained the knowledge on Transportation and assignment problem.</p> <p>CO3 Students acquired the knowledge on network analysis and critical path.</p> <p>CO4 Students acquired the knowledge on queuing models.</p> <p>CO5 Students have gained the knowledge on decision theory using decision tree.</p> <p>CO6 Gained knowledge through practical problems</p>
Research Methodology	MAM5B	<p>CO1 Acquired knowledge in the need of Research, sampling, pilot testing</p> <p>CO2 Gained knowledge on various types of research and the sampling techniques</p> <p>CO3 Learnt the sources available for the collections of data and to draft the questionnaire</p> <p>CO4 Acquired knowledge on the application of various statistical tools</p> <p>CO5 Gained knowledge on the preparation of reports</p>

		CO6 Gained knowledge through reviewing previous projects
Materials Management	MAM5W	CO1 Gained knowledge on the importance of materials management CO2 Students understood the concept of inventory control techniques CO3 Acquired knowledge on the methods of purchasing in the factory CO4 Knowledge acquired on Stock keeping and materials handling CO5 Learnt the rating procedures for vendors. CO6 Gained knowledge through case studies
Entrepreneurship Development	MEM5B	CO1 Understanding the dynamic role of entrepreneurship and small businesses CO2 To organizing and Managing a Small Business CO3 Understanding Ownership for Small Business CO4 To guide them in Strategic Marketing Planning CO5 Learn t about Business Plan Creation CO6 Gained knowledge through case studies
Advertising Management & Sales Promotion	MAM5A	CO1 Students have learned market segmentation and copy development CO2 Gained knowledge on Media selection and Integrated programme CO3 Acquired knowledge on implementing coordination and control and advertising agencies. CO4 Acquired knowledge on sales promotion techniques, channels and budgeting CO5 Gained knowledge on socio ethic and social relevance of advertising. CO6 Gained knowledge through case studies
Operations Management	MAM5C	CO1 Acquired knowledge on production process and design for plant location CO2 Gained knowledge on the factors determining layout for manufacturing unit CO3 Students learnt the techniques of production and inventory control techniques CO4 Students understood the work and methods of analysis methods CO5 Acquired knowledge on the service operations management

		CO6 Gained knowledge through case studies
Services Marketing	MAM6Y	<p>CO1 Students have gained knowledge on service sector and their services along with the characteristics and development of human resources.</p> <p>CO2 Students have acquired knowledge on marketing mix in service market, promotion of service and distribution methods.</p> <p>CO3 Students have learned knowledge on effective management of service marketing, demand and supply, internal orientation of service strategy.</p> <p>CO4 Students have gained knowledge on delivering quality service and customer relationship management.</p> <p>CO5 Students have gained knowledge on marketing of services</p> <p>CO6 Gained knowledge through case studies</p>
Business Taxation	MAM6K	<p>CO1 Students have acquired knowledge on tax system in India</p> <p>CO2 Students have gained knowledge on Central Excise Duty</p> <p>CO3 Students have acquired knowledge on customs duty</p> <p>CO4 Students have learnt knowledge on sales tax</p> <p>CO5 Students have learnt knowledge on VAT and Service Tax</p> <p>CO6 Gained knowledge through case studies</p>
Business Environment	MAM6X	<p>CO1 Students gained knowledge on business environment and its importance</p> <p>CO2 Students learnt on political and legal issues in business</p> <p>CO3 They gained knowledge on social beliefs, customs and cultural heritage.</p> <p>CO4 Students have acquired knowledge on micro and macroeconomic concepts.</p> <p>CO5 Students have acquired knowledge on various financial service institutions.</p> <p>CO6 Gained knowledge through case studies</p>
Customer Relationship Management	MEM6A	<p>CO1 Students have acquired knowledge on channels of communication and essentials of business letters.</p> <p>CO2 Students have gained knowledge on CRM and its approaches.</p>

		<p>CO3 Students have learnt knowledge on Banker customer relationship</p> <p>CO4 Students have acquired knowledge on complaint redressal methods</p> <p>CO5 Students have learnt knowledge on market segment and market research.</p> <p>CO6 Gained knowledge through case studies</p>
Project Work	MAM6Q	<p>CO1 Students gained knowledge on introduction about project</p> <p>CO2 Acquired knowledge to review the literature</p> <p>CO3 Students gained about conceptual framework</p> <p>CO4 Students learnt about applying various statistical tools</p> <p>CO5 Students learnt to identify the findings and suggestions for the topic</p> <p>CO6 Gained knowledge through model projects</p>

**DEPARTMENT OF COMPUTER SCIENCE – B. Sc Computer Science**

**COURSE OUTCOME:**

<b>COURSE NAME</b>	<b>COURSE CODE</b>	<b>COURSE OUTCOME</b>
PROGRAMMING IN C	SAE1A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Illustrate the flowchart and design an algorithm for a given problem and to develop IC programs using operators.</p> <p>CO2: Develop conditional and iterative statements to write C programs</p> <p>CO3: Exercise user defined functions to solve real time problems</p> <p>CO4: Write C programs that use Pointers to access arrays, strings and functions.</p>
PROGRAMMING IN C LAB	SAE11	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Illustrate flowchart and algorithm to the given program.</p> <p>CO2: Understand basic Structure of the C-PROGRAMMING, declaration and usage of variables.</p> <p>CO3: Write C programs using operators.</p>

		CO4: Write conditional and iterative statements to C programs
Digital Electronics and Micro -Processor	SAE2B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: To understand the basics principles and assembly level programs.</p> <p>CO2: To understand the basic knowledge of Boolean algebra.</p> <p>CO3: To understand the automation theory as a core of computer science.</p> <p>CO4: To understand the strong foundation for designing real world application.</p>
Digital Electronics and Micro –Processor Lab.	SAE22	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: To understand the basic concepts of micro processor lab.</p> <p>CO2: To understand the assembly language programming.</p> <p>CO3: To understand the architecture and instructions set of 8085.</p> <p>CO4: To understand interfacing micro processor with peripheral device.</p>
Programming in C++ and data structures	SAE3A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1-Its Provide exposure to problem solving through programming.</p> <p>CO2- To train the student to the basic concepts of the C-Programming language.</p> <p>CO3- It’s involving a lab component which is designed to give the student hands on experience with the concepts.</p> <p>CO4- Students are well trained to understand the importance of Classes &amp; objects along with the constructors, Array and Vectors.</p>
Programming in C++ and data structures lab	SAE31	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Identify classes, objects, member of class and the relationships among them needed for a finding the solution to specific problem.</p> <p>CO2- Identify, Design &amp; Develop complex Data Structure Programs.</p> <p>CO3- Students are well trained to find the bug in a program.</p>

Programming in java	SAE4A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Read and make elementary modifications to java programs that solve real world problems.</p> <p>CO2- Validate input in a java program.</p> <p>CO3- Identify and fix defects and common security issues in code.</p> <p>CO4- Use a version control system to track source code in a project.</p>
Java Programming lab	SAE41	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Implement object oriented programming concept using basic syntaxes of control structures, strings and function for developing skills of logic building activity.</p> <p>CO2- Identify and describe common abstract type of projects.</p> <p>CO3- Demonstrates how to reusability using inheritance, interfaces and packages and describes faster application development can be achieved.</p> <p>CO4- Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development.</p>
Visual Programming	SEE5A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Construct appropriate user interfaces for simple programs and design systems with minimal complexity and maximal functionality.</p> <p>CO2: Analyze and construct efficient algorithms and translate to appropriate control structures in visual basic.</p> <p>CO3: Effectively use software development tools including libraries, compilers, editors, linkers and debuggers and do until loops.</p> <p>CO4: create programs that implement all of the above.</p>
RDBMS LAB	SAE51	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Demonstrate knowledge of programming terminology and how applied using visual Basic(variables, selection statements , repetitions statements)</p>

		<p>CO2: Construct problem definition statement for real life applications and implement a database for the same.</p> <p>CO3: Design conceptual model of a database using ER modeling for real life applications and also construct queries in Relational Algebra.</p> <p>CO4: Write queries in SQL to retrieve any type of information from a database.</p>
Database Management Systems	SAE5B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Have a broad understanding of database concepts and database management system software</p> <p>CO2: Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database.</p> <p>CO3: Able to write SQL commands to create tables and indexes, insert, update, delete and query data in relational databases.</p> <p>CO4: Maintain data in server from overcoming the loss of information due to physical and logical damage.</p>
Operating System	SAE5A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Appreciate the role of operating system as System software.</p> <p>CO2: Compare the various algorithms and comment about performance of various algorithms used for management of memory, CPU scheduling, File handling and I/O operations.</p> <p>CO3: Apply various concept related with Deadlock to solve problems related with Resources allocation, after checking system in Safe state or not.</p> <p>CO4: To appreciate role of Process synchronization towards increasing throughput of system.</p> <p>CO5: Describe the various Data Structures and algorithms used by Different Oss like Windows XP , Linux and Unix pertaining with Process , File , I/O management.</p>
Computer Architecture and Organization	SAE5C	<p>Upon successful completion of the course, the student will be able to</p>

		<p>CO1: Know the classes of computers, and new trends and developments in computer architecture.</p> <p>CO2: Understand pipelining, instruction set architectures, memory addressing.</p> <p>CO3: Understand the performance metrics of microprocessors, memory, networks, and disks</p> <p>CO4: Understand virtual memory and virtual machines.</p> <p>CO5: Understand storage systems, RAID, I/O performance, and reliability measures</p>
Web Technology	SAE6B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Develop a dynamic web page by the use of JavaScript.</p> <p>CO2: To write a well formed valid HTML document.</p> <p>CO3: Project based experience needed for entry into web applications and development careers.</p> <p>CO4: Understand web server responds to an HTTP request for dynamic resource.</p>
Web Applications Lab	SAE61	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Design and implement dynamic websites with good aesthetic sense of designing and latest technical know.</p> <p>CO2: Have a good grounding of web application terminologies, Internet tools, JavaScript, VBScript and other web services.</p> <p>CO3: Design a basic website using HTML to demonstrate responsive web design.</p> <p>CO4: Implement dynamic web pages with validation using JavaScript objects by applying different event handling mechanism.</p>
Data mining	SEE6H	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Organize and prepare the data needed for data mining using pre-processing techniques.</p> <p>CO2- Perform exploratory analysis of the data to be used for mining.</p>

		<p>CO3- Implement the appropriate data mining methods like classification, clustering or Frequent pattern mining on large data sets.</p> <p>CO4- Define and apply metrics to measure the performance of various data mining algorithms.</p>
Data Communication and Networking	SAE6A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Independently understand basic computer network technology</p> <p>CO2: Understand and explain Data Communications System and its components</p> <p>CO3: Identify the different types of network topologies and protocols.</p> <p>CO4: Identify the different types of network devices and their functions within a network.</p> <p>CO5: Understand and building the skills of sub netting and routing mechanisms.</p>
Software Engineering	SEE6G	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Acquire strong fundamental knowledge in science, mathematics, fundamentals of computer science, software engineering and multidisciplinary engineering to begin in practice as a software engineer.</p> <p>CO2: Design applicable solutions in one or more application domains using software engineering approaches that integrate ethical, social, legal and economic concerns.</p> <p>CO3: Deliver quality software products by possessing the leadership skills as an individual or contributing to the team development and demonstrating effective and modern working strategies by applying both communication and negotiation management skill.</p> <p>CO4: Apply new software models, techniques and technologies to bring out innovative and novelistic solutions for the growth of the society in all aspects and evolving into their continuous professional development.</p>

**DEPARTMENT OF MATHEMATICS – B. Sc Mathematics**

<b>COURSE NAME</b>	<b>COURSE CODE</b>	<b>COURSE OUTCOME</b>
Algebra	TAM1A	CO1 Helps to apply algebraic ways of thinking. CO2 Gives an idea to collect like terms and simplify expressions term by term. CO3 Helpful to the students to develop an understanding of how to compute functional values. CO4 Narrates how to critically examine and describe situations involving direct and inverse variation models.
Trigonometry	TAM1B	CO1 Recognize the reciprocal relationship between Sine/Cosine/Secant/Cosecant/Tangent and cotangent. CO2 Expresses angles in both degree and radian measure. CO3 To solve right and oblique triangles in degrees and radians for both special and non special angles. CO4 To represent vectors graphically in both rectangular and polar co-ordinates.
Calculus of Finite Difference and Numerical Analysis – I	SBAME	CO1: Students will be able to find roots of polynomial equations using numerical analysis. CO2: It helps the student to understand numerical techniques to the subject of linear equations. CO3: It helps the students in specific knowledge, skills & competences of an appropriate level. CO4: Students should be able to explain the fundamental concept & principles of the finite difference method. CO5: It helps the students to solve equations using matrix form and find the value of the variable. CO6: It helps the students to understand to solve the system of linear algebraic equations using iteration method.
Analytical Geometry	TAM2B	CO1: Students will be able to identify & sketch conic sections.

		<p>CO2: Students will be able to parametrize curve, evaluate the distance &amp; angle.</p> <p>CO3: Students will be able to determine &amp; distinguish 2D &amp; 3D figures.</p> <p>CO4: Students will be able to classify quadratic equations.</p>
Differential Calculus	TAM2A	<p>CO1: Able to solve the problems using derivatives.</p> <p>CO2: Able to represent the terms in the form of diagrams.</p> <p>CO3: Able to apply the limits to the functions</p> <p>CO4: Have clear knowledge about the tangent of a curve at any point.</p>
Calculus of Finite Difference and Numerical Analysis – II	SBAMG	<p>CO1: Students will be able to conduct numerical integration &amp; differentiation.</p> <p>CO2: Students will be able to classify the use of solving differential equations.</p> <p>CO3: It helps the students to determine approximate solutions to ODE (Ordinary Differential Equation).</p> <p>CO4: Students should able to solve first order initial value problems.</p> <p>CO5: It helps the students to solve substitution, integration by parts and differentiation using Taylor series.</p> <p>CO6: It helps the students to solve initial &amp; boundary conditions to obtain particular values of constant in the general solution of second order differential equations.</p>
Integral calculus	TAM3A	<p>CO1Helps the students to interpret results and determine if the solutions are reasonable.</p> <p>CO2Gives the approximation techniques for integration.</p> <p>CO3 Gives a platform to find areas of regions bounded by two or more graphs.</p> <p>CO4To perform integration and other operations for certain types of functions and carry out the computation fluently.</p>
Differential Equations	TAM3B	<p>CO1Students can understand the concept of terminal speed and use it in solving mechanics problems in one dimension.</p> <p>CO2Improved to solve problems relating to the motion of a projectile in the absence of air resistance.</p> <p>CO3Developed to solve basic application problems described by I order differential</p>

		<p>equations.</p> <p>CO4 To apply Newton's second law in vector form to problems in more than one dimension one dimension.</p>
Mathematical Statistics –I	SBAOA	<p>CO1: Students have a clear description of statistical problem.</p> <p>CO2: Students able to use the statistical tools for their project.</p> <p>CO3: A good understanding of basic concepts of Statistical inference.</p> <p>CO4: Student has knowledge to relate real world problems into statistical models.</p> <p>CO5: Decision making for students using test of hypothesis.</p> <p>CO6: Student has clear knowledge about data interpretation.</p>
Transform Techniques	TAM4A	<p>CO1: Students will be able to comprehend basic system properties &amp; elementary functions.</p> <p>CO2: Student will able to analyze Laplace transform inverse system by transform techniques.</p> <p>CO3: It helps the students to apply Fourier analysis using periodic &amp; continuous-time periodic signal.</p> <p>CO4: It helps the students to understand the relationship between Fourier series and Fourier transform.</p>
Statics	TAM4B	<p>CO1 Learning about the forces and how to represent a force as a vector in 2 dimensions and 3-dimensions.</p> <p>CO2 Extend the ideas, skills and problem solving techniques to the rotation of a rigid body.</p> <p>CO3 Statics introduces many typical engineering analysis and design problems.</p> <p>CO4 It helps the students to visualize physical configuration in terms of real materials.</p>
Mathematical Statistics – II	SBAOB	<p>CO1: Students have a clear description of statistical problem.</p> <p>CO2: Students able to use the statistical tools for their project.</p> <p>CO3: A good understanding of basic concepts of Statistical inference.</p>

		<p>CO4: Student has knowledge to relate real world problems into statistical models.</p> <p>CO5: Decision making for students using test of hypothesis.</p> <p>CO6: Student has clear knowledge about data interpretation.</p>
Algebraic Structures	TAM5A	<p>CO1 Have developed the ability for mathematical communication orally and in writing.</p> <p>CO2 Be familiar with basic concepts and methods in algebra.</p> <p>CO3 Have acquired basic knowledge for further studies in algebra.</p> <p>CO4 Define an ideal of a ring and state and prove properties of ideals.</p>
Real Analysis-I	TAM5B	<p>CO1: Students have clear description of integrals.</p> <p>CO2: Students have clear description of differential equations.</p> <p>CO3: Students have a clear idea about the number theory concepts.</p> <p>CO4: Decision making for students using number system.</p> <p>CO5: Theory knowledge about numerical s is delivered.</p> <p>CO6: Students have concept knowledge of application of length and area.</p>
Dynamics	TAM5C	<p>CO1 Understand the motion of particles</p> <p>CO2 Problems involving friction and air resistance can be solved.</p> <p>CO3 Problems related to the motion of a projectile can be understood.</p> <p>CO4 Relate with the concepts on direct and oblique central impact</p>
Discrete Mathematics	TAM5D	<p>CO1: Applying Euclid Algorithm to calculate GCD.</p> <p>CO2: Identify and apply the basic concepts of set theory.</p> <p>CO3: students have the knowledge about electrical circuits</p> <p>CO4: Have the clear idea about astronomy.</p>
Linear Algebra	TAM6A	<p>CO1 Evaluate determinants and use them to discriminate between invertible and non-invertible matrices.</p> <p>CO2 Orthogonally diagonalise symmetric matrices and quadratic forms.</p>

		<p>CO3 Students completing this course will be able to compute the inverse of an invertible matrix.</p> <p>CO4 Students completing this course will be able to find the null space of a matrix and represent it</p>
Real Analysis-II	TAM6B	<p>CO1: Students have clear description of integrals.</p> <p>CO2: Students have clear description of differential equations.</p> <p>CO3: Students have a clear idea about the number theory concepts.</p> <p>CO4: Decision making for students using number system.</p> <p>CO5: Theory knowledge about numerical s is delivered.</p> <p>CO6: Students have concept knowledge of application of length and area.</p> <p>Students have concept knowledge of application of length and area.</p>
Complex Analysis	TAM6C	<p>CO1 The students can perform basic mathematical operations with complex numbers in Cartesian and polar forms</p> <p>CO2 The concept of determining the continuity /differentiability/analyticity of a function and find the derivative of a function.</p> <p>CO3 Describe mappings in the complex plane</p> <p>CO4 Evaluate a contour integral using Cauchy's integral formula</p>
Operations Research	TAM6D	<p>CO1: Transporting the goods from origin to destination with minimum transportation cost</p> <p>CO2: Sequencing the number of jobs to minimizing the labour and time.</p> <p>CO3: Proper Assignment of people to project, jobs to machine etc.</p> <p>CO4: Accomplish the projects with minimum time with limited resources.</p>
Graph Theory	TEM6B	<p>CO1 The students will be capable of explaining the syllabus and basic concepts of Graph Theory</p> <p>CO2 The students will be capable of applying the basic concepts and ideas of Graph Theory in real life situations.</p> <p>CO3 The students can analyse the applications of theorems and implements in</p>

		further studies.
		CO4The students can differentiate the contradiction of the concepts in the course with illustrations.
		CO5The students will be able to think critically and analytically. CO6The students will be thorough in basic mathematical notations and apply it in another field.

### DEPARTMENT OF COMPUTER APPLICATIONS - BCA

COURSE NAME	COURSE CODE	COURSE OUTCOME
Fundamentals Of Digital Computers	SAU1A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Bridge the fundamental concepts of computers with the present level of knowledge of the students</p> <p>CO2: Understand binary, hexadecimal and octal number systems and their conversions.</p> <p>CO3: Understand how logic circuits and Boolean algebra forms as the basics of digital computer.</p> <p>CO4: Demonstrate the building up of sequential and combinational logic from basic gates.</p>
Pc Software Lab	SAZ11	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Demonstrate the various operations in MS-Word</p> <p>CO2: Understand the various functions in excel and to learn and implement the formulae.</p> <p>CO3: Learn to create power point presentations with the help of MS power point.</p> <p>CO4: Make the students to create their own document, excel and ppt.</p>
Programming In C	SAE1A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Illustrate the flowchart and design an algorithm for a given problem and to develop IC programs using operators.</p>

		<p>CO2: Develop conditional and iterative statements to write C programs</p> <p>CO3: Exercise user defined functions to solve real time problems</p> <p>CO4: Write C programs that use Pointers to access arrays, strings and functions.</p>
Programming in C++ and data structures	SAZ3A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Provide exposure to problem solving through programming.</p> <p>CO2-Train the student to the basic concepts of the C-Programming language.</p> <p>CO3- Involving a lab component which is designed to give the student hands on experience with the concepts.</p> <p>CO4- Understand the importance of Classes &amp; objects along with the constructors, Array and Vectors.</p>
Programming in C++ and data structures lab	SAZ31	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Identify classes, objects, member of class and the relationships among them needed for a finding the solution to specific problem.</p> <p>CO2- Identify, Design &amp; Develop complex Data Structure Programs.</p> <p>CO3- Find the bug in a program.</p>
Microprocessor and its Applications.	SAZ3B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1-Understand basic architecture of 16-bit and 32- bit microprocessor and write a program to run on 8086 microprocessor based system.</p> <p>CO2- Understand interfacing of 16-bit microprocessor with memory and peripheral device.</p> <p>CO3- Understand concept of multi core processor and its advantage.</p> <p>CO4- Distinguish between RISC and CISC Processor.</p>
Programming in Java	SAZ4A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Read and make elementary modifications to java programs that solve real world problems.</p> <p>CO2- Validate input in a java program.</p>

		<p>CO3- Identify and fix defects and common security issues in code.</p> <p>CO4- Use a version control system to track source code in a project.</p>
Java Programming lab	SAZ41	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1- Implement object oriented programming concept using basic syntaxes of control structures, strings and function for developing skills of logic building activity.</p> <p>CO2- Identify and describe common abstract type of projects.</p> <p>CO3- Demonstrates how to reusability using inheritance, interfaces and packages and describes faster application development can be achieved.</p> <p>CO4- Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development.</p>
Operating System	SAZ4B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Describe the important computer system resources and the role of operating system in their managerial policies and algorithms.</p> <p>CO2: Learn the mechanisms of OS to handle processes and threads and their communications.</p> <p>CO3: Learn the mechanisms involved in memory management in contemporary OS.</p> <p>CO4: Know the components and management aspects of concurrency management.</p>
Computer Graphics	SAZ4C	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: List the basic concept used in Computer Graphics.</p> <p>CO2: Implement various algorithms to scan, convert the geometrical, primitives, transformations, Area filling, clipping.</p> <p>CO3: Define the fundamentals of animation, virtual reality and its related technologies.</p> <p>CO4: Understand a typical graphics pipeline, to design an application with the Principles of virtual reality.</p>

Visual Programming	SEZ5A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Design and Implement applications using an Object Oriented Methodology</p> <p>CO2: Understand and use the event-driven model.</p> <p>CO3: Create applications that using exception handling.</p> <p>CO4: Use a modern IDE to visually and programmatically to create programs with GUI.</p>
RDBMS LAB	SAZ51	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Demonstrate knowledge of programming terminology and how applied using visual Basic(variables, selection statements , repetitions statements)</p> <p>CO2: Construct problem definition statement for real life applications and implement a database for the same.</p> <p>CO3: Design conceptual model of a database using ER modeling for real life applications and also construct queries in Relational Algebra.</p> <p>CO4: Write queries in SQL to retrieve any type of information from a database.</p>
Database Management Systems	SAZ5A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Design conceptual models of a database using ER modelling for real life applications.</p> <p>CO2: Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database.</p> <p>CO3: Able to write SQL commands to create tables and indexes, insert, update, delete and query data in relational databases.</p> <p>CO4: Maintain data in server from overcoming the loss of information due to physical and logical damage.</p>
Software Engineering	SAZ5B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Apply the software engineering lifecycle by demonstrating competence in communication, planning, analysis, design, construction, and deployment.</p>

		<p>CO2: Demonstrate an understanding of and apply current theories, models, and techniques that provide a basis for the software lifecycle.</p> <p>CO3: Demonstrate an ability to use the techniques and tools necessary for engineering practice.</p> <p>CO4: Work in one or more significant application domains.</p>
Web Technology	SAZ6A	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Develop a dynamic web page by the use of JavaScript.</p> <p>CO2: To write a well formed valid HTML document.</p> <p>CO3: Project based experience needed for entry into web applications and development careers.</p> <p>CO4: Understand web server responds to an HTTP request for dynamic resource.</p>
Web Applications Lab	SAZ61	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Design and implement dynamic websites with good aesthetic sense of designing and latest technical know.</p> <p>CO2: Have a good grounding of web application terminologies, Internet tools, JavaScript, VBScript and other web services.</p> <p>CO3: Design a basic website using HTML to demonstrate responsive web design.</p> <p>CO4: Implement dynamic web pages with validation using JavaScript objects by applying different event handling mechanism.</p>
E-Commerce	SAZ6B	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Explain how businesses sell products and services on the web.</p> <p>CO2: Describe and access secure payment schemes.</p> <p>CO3: Understand web marketing approaches and elements of branding.</p> <p>CO4: Understand legal and ethical issues related to E-Commerce.</p>
Data Communication and Networking	SAZ6A	<p>Upon successful completion of the course, the student will be able to</p>

		<p>CO1: Describe the functions of each layer in OSI and TCP/IP models.</p> <p>CO2: Understand and explain Data Communications System and its components</p> <p>CO3: Identify the different types of network topologies and protocols.</p> <p>CO4: Identify the different types of network devices and their functions within a network.</p> <p>CO5: Understand and building the skills of sub netting and routing mechanisms.</p>
Multimedia Systems	SEZ6D	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Understand various file formats for audio, video and text media.</p> <p>CO2: Design interactive Multimedia Software.</p> <p>CO3: Develop various multimedia systems applicable in real-time.</p> <p>CO4: Evaluate multimedia application for its optimum performance.</p>
Software Testing	SAZ6C	<p>Upon successful completion of the course, the student will be able to</p> <p>CO1: Investigate the reason for bugs and analyze the principles in software testing to prevent and remove bugs.</p> <p>CO2: Implement various test processes for quality improvement.</p> <p>CO3: Design test planning.</p> <p>CO4: Apply the software testing techniques in commercial environment.</p>

**DEPARTMENT OF ENGLISH – B.A English**

COURSE NAME	COURSE CODE	COURSE OUTCOME
Effective from the academic year 2014 June		
ELIZABETHAN AGE	ARA1A	CO1 Understand the literary sensibility of the Elizabethan period CO2 Appreciate the texts in terms of themes, techniques and culture CO3 Gain an insight into the lives and works of the writers prescribed CO4 To enable the students to get knowledge of Bacon Essay CO5 To acquaint pupils with the style of the author CO6 Students will gain an in-depth knowledge of the Elizabethan era including a variety of writers and genres unique to this period.
MILTON AND NEO-CLASSICAL AGE	ARA1B	CO1: To make student understand the thought and imagination. CO2: Students acquired classical components towards Christianity. CO3: Students learned Dryden and Pope's works. CO4: Through Williams Congreve drama's students again knowledge in England society. CO5: To probe the context, religious and gender issues can be negotiated and interpreted in a classic literary text. CO6: To deal issues in Milton's epic poem.
AN INTRODUCTION TO THE SOCIAL HISTORY OF ENGLAND	ARB1A	CO1: The ability to analyze, interpret, and understand the complex interrelationships between authors, texts, and specific social, political, and historical contexts. CO2: A demonstrable ability to use the terms, categories, and concepts of critical or "close" reading. CO3: A working knowledge of literary canons in English, as well as strategies for critiquing them. CO4: Students read books and read cultures, and there are many communities of English with great traditions of expressive works.

		<p>CO5: Experience conducting research and, for students of creative writing, the production of new artistic work.</p> <p>CO6: The ability to write well—critically, creatively, or both.</p>
ROMANTIC AGE	ARA2A	<p>CO1: Contexts of the English literary tradition from the Restoration of King Charles II and the reopening of theatres in 1660 to the age of Romantics.</p> <p>CO2: Broad trends, authors and works of the period</p> <p>CO3: To enable the students to enjoy poems from John Milton to John Keats.</p> <p>CO4: To acquaint pupils with the style of Romantic poet.</p> <p>CO5: To enable the students to appreciate the beauty, rhythm and rhyme of Romantic poems</p> <p>CO6: To give pleasure and make the students familiar with the background of Romantic poems</p>
VICTORIAN AGE	ARA2B	<p>CO1: This course introduces you to the literature and culture of the Victorian period.</p> <p>CO2: Allowing students to explore peculiarly Victorian literary phenomena like sensation literature.</p> <p>CO3: Students are familiar with a range of both central and more obscure Victorian texts, and have an overview of some aspects of Victorian literature and culture,</p> <p>CO4: Students can analyze literary works from a variety of genres,</p> <p>CO5: Students know how to make use of relevant historical and cultural context when interpreting texts,</p> <p>CO6: Students are able to engage with the work of other literary critics in your written work.</p>
AN INTRODUCTION TO LITERARY FORMS	ARB2A	<p>CO1: To develop a critical perspective on the historical overview of the critical practices from the classical period to the present.</p> <p>CO2: Enable the students to read and analyze literary texts from different points of view.</p> <p>CO3: Students should be familiar with representative literary and cultural texts within a significant number of historical, geographical, and cultural contexts.</p>

		<p>CO4: Students gain knowledge in various types of dramas.</p> <p>CO5: To familiarise the students on literary terms.</p> <p>CO6: Students would analyze the work of literature.</p>
<p>THE TWENTIETH CENTURY I ( Prose and Drama)</p>	<p>ARA3A</p>	<p>CO1: To get a basic understanding of Twentieth Century English writing.</p> <p>CO2: To analyze and appreciate Twentieth Century English writing.</p> <p>CO3: To identify the various genres and schools of drama.</p> <p>CO4: To analyze and appreciate drama and engage actively in the mechanics of performance.</p> <p>CO5: To recognize different types of prose writing.</p> <p>CO6: To understand and appreciate the basic concepts of style and literary devices in prose.</p>
<p>MODERN ENGLISH GRAMMAR AND USAGE</p>	<p>ARA3B</p>	<p>CO1: To develop the understanding about the rules of the grammar.</p> <p>CO2: To develop scientific attitude towards language.</p> <p>CO3: To develop the inside into the structure of language.</p> <p>CO4: To enable the students assimilate the correct patterns the language without rote memorization.</p> <p>CO5: To develop the student's mental abilities of reasoning and correct observation.</p> <p>CO6: To make the student's pick-up the structure or pattern of the English Language.</p>
<p>HISTORY OF ENGLISH LITERATURE –1500-1798</p>	<p>ARB3A</p>	<p>CO1: To analyze texts from diverse historical periods.</p> <p>CO2: Students able to analyze a wide range of problems relating to literary, cultural and history.</p> <p>CO3: To approach theories and methodologies in the fields of English literary studies.</p> <p>CO4: Students have an extensive knowledge of English Language literature and literary theory</p> <p>CO5: To familiarize the Students to the history of England.</p> <p>CO6: Students can analyze literary or cultural problems in a way that reflects insight in</p>

		social context.
THE TWENTIETH CENTURY II ( Poetry and Fiction)	ARA4A	CO1:To inculcate a deeper appreciation of cultural diversity by introducing them to poetry from a variety of cultures throughout the world CO2:To apply the principles of literary criticism to the analysis of poetry CO3: To kindle their critical thinking skills CO4:To recognize the rhythms, metrics and other musical aspects of poetry CO5: To enhance their own creativity in their writing. CO6:They gained knowledge in modern fictions
HISTORY OF ENGLISH LANGUAGE	ARA4B	CO1:To know the beauty of the coherence of Language and Literature CO2:To demonstrate the awareness of evolution theory of language by varied culture CO3: To study the formation of new words CO4:To apply literary terminology for Narrative, Poetic and Dramatic genres CO5: To acquaint pupil to get the knowledge of Old, Middle and Modern English CO6: To appreciate literary form and structure in shaping a text's meaning
HISTORY OF ENGLISH LITERATURE – 1798- PRESENT DAY	ARB4A	CO1: To analyze texts from diverse historical periods. CO2: Students able to analyze a wide range of problems relating to literary, cultural and history. CO3: To approach theories and methodologies in the fields of English literary studies. CO4: Students have an extensive knowledge of English Language literature and literary theory CO5: To familiarize the Students to the history of England. CO6: Students can analyze literary or cultural problems in a way that reflects insight in social context.
SHAKESPEARE – I	ARA5A	CO1: To gain an insight into the age of Shakespeare. CO2: To understand the themes and techniques of Shakespearean plays and

		<p>sonnets.</p> <p>CO3: To analyze Shakespeare's works critically.</p> <p>CO4: To understand the salient features of the Shakespearian characters.</p> <p>CO5: To gain a perspective of the trends and literary aspects of the period.</p> <p>CO6: To critically appreciate Shakespeare's works.</p>
INDIAN WRITING IN ENGLISH	ARA5B	<p>CO1: To gain an understanding of the Indians in Indian literature in English.</p> <p>CO2: To analyze the strengths and constraint of Indian English as a literary genre.</p> <p>CO3: To get a basic understanding of Indian writing in English.</p> <p>CO4: To analyze and appreciate Indian writers in English.</p> <p>CO5: To trace the unfolding of the plot of an Indian novel and a short story.</p> <p>CO6: To critically appreciate Indian English short story, poetry and dramas prescribed in this course.</p>
AMERICAN LITERATURE-I PROSE AND DRAMA	ARA5C	<p>CO1: To Identify key ideas, representative authors and works, significant historical or cultural events.</p> <p>CO2: To characterize the perspectives or attitudes expressed in the literature of different periods or regions.</p> <p>CO3: To include creative thinking, innovation, inquiry and analysis, evaluation, and synthesis of information.</p> <p>CO4: To include the effective development, interpretation, and expression of ideas.</p> <p>CO5: To include intercultural competence, knowledge of civic responsibility.</p> <p>CO6: To engage effectively in regional, national, and global communities.</p>
INTRODUCTION TO LINGUISTICS	ARA5D	<p>CO1: Fundamental understanding of core areas of English linguistics.</p> <p>CO2: To familiarize in phonology, morphology, syntax, semantics and pragmatics.</p> <p>CO3: Knowledge and skills necessary to teach English to speakers of other languages.</p>

		<p>CO4: To make informed decisions appropriate to various teaching contexts.</p> <p>CO5: To Integrated knowledge of methods and materials for teaching each of the four language skills.</p> <p>CO6:Basic knowledge on the nature of language and of the place of language study in society</p>
POSTCOLONIAL LITERATURE	ARE5A	<p>CO1: To familiarize and analyze colonial and postcolonial text.</p> <p>CO2: To characterize how race, class, gender, history, and identity.</p> <p>CO3: To have an understanding of the relationship between Great Britain and nations that was once colonized.</p> <p>CO4: To analyze literary texts written by British authors during the period of colonial and imperialist expansion.</p> <p>CO5: To trace the texts written by authors who live in a country that was colonized, and who write in English.</p> <p>CO6: Think critically about these texts in relation to postcolonial theory.</p>
SHAKESPEARE II	ARA6A	<p>CO1: To appreciate the varied uses of language in a Shakespearean play.</p> <p>CO2: To appreciate the importance and complexity the characters in his plays.</p> <p>CO3: To demonstrate an understanding of some of the key speeches and scenes in his plays.</p> <p>CO4: To effectively utilize contemporary criticism, original reception, text, and history.</p> <p>CO5: To demonstrate an understanding of such literary terms, themes, strategies, and issues.</p> <p>CO6:To demonstrate a fuller and deeper understanding of all the facets of Shakespearean drama and the sonnets and their relation to the students' lives</p>
AMERICAN LITERATURE- II POETRY AND FICTION	ARA6B	<p>CO1: To Instils the background of civil war and Transcendentalism.</p> <p>CO2: To Emphasizes on the meaning and the significance of American Dream.</p> <p>CO3: To extends an opportunity to study a brief history American Literature – Poetry, Drama and Fiction.</p>

		<p>CO4: To paves way to know the life, culture language and society through literature.</p> <p>CO5: To enhances fluency of languages, presentation skills and creative writing.</p> <p>CO6: To comprehend the effects of racism.</p>
ENGLISH PHONETICS AND PHONOLOGY	ARA6C	<p>CO1: To enhance English sound system.</p> <p>CO2: To processes of continues English Speech.</p> <p>CO3: To analyze the main intonation patterns in English and their functions.</p> <p>CO4: To understand the difference between American and British English.</p> <p>CO5: To link words naturally in phrase and sentences.</p> <p>CO6: To identify and properly place stress on compound words.</p>
INDIAN WRITING IN ENGLISH II	ARE6A	<p>CO1: To discusses issues of resistance and representation with reference to Indian texts and their English translations.</p> <p>CO2: To argue that the contextualization, theorization and canonization of Indian literature in English translation</p> <p>CO3: To get attention in today's fast changing literary scene.</p> <p>CO4: To know postcolonial writing represents a new literary culture.</p> <p>CO5: To know the meaning of Indian Literature and its distinct characters.</p> <p>CO6: Probe into the literary and aesthetic merits of Indian fictions.</p>
JOURNALISM	ARE6B	<p>CO1: Report on stories in an accurate, detailed, balanced, professional and timely manner.</p> <p>CO2: Function both independently and as a member of editorial and/or production teams.</p> <p>CO3: Analyze knowledge from communities, current events and public affairs.</p> <p>CO4: Write and edit content for the designated media platforms.</p> <p>CO5: Use reliable visual aids to tell stories ethically.</p> <p>CO6: Demonstrate an awareness of journalism as an ethical practice.</p>

Effective from the academic year 2016 June

British Literature I	BRA1A	<p>CO1: Students understand the historical context surrounding literary works including the political, social, religious and artistic works.</p> <p>CO2: They are able paraphrase and understand unfamiliar and difficult language</p> <p>They will identify elements of poetry such as basic rhythms, meters and rhyme, schemes and its uses of Metaphor or sonnet.</p> <p>CO3: Articulate a critical position or interpretation, gather and use textual or critical evidence to support a particular interpretation</p> <p>CO4: Appreciate the artistry of key early British writers.</p> <p>CO5:It enable the students to understand and analyse various genres of literature</p>
Indian writing in English	BRA1B	<p>CO1: To familiarize the student with the major Indian writing in English and their works.</p> <p>CO2: To enable them to understand the growth of Indian writing in English in the context of Indians problematic relation with the English race and language.</p> <p>CO3: To create literary sensibility and emotional response to the literary text and implant sense of appreciation of literary text.</p> <p>CO4: To expose students to the artistic and innovative use of language employed by the writers.</p> <p>CO5: To insist values and develop human concern in students through exposure to literary text.</p> <p>CO6: Students will interpret text with attention to ambiguity complexity and aesthetic value.</p>
Background to the study of English Literature I	BRB1A	<p>CO1: The scope of the paper is to help students to develop a broad understanding if the age, Characteristic and major literary movements with reference to the major writers.</p> <p>CO2: To know more about the background political and social of the work of art which enable students to understand the reason behind</p> <p>CO3: To develop interest in appreciation of literature</p>

		<p>CO4: Be able to integrate their ideas with those of others using summary, paraphrase, quotation, analysis synthesis of relevant sources.</p> <p>CO5: Employ techniques of active reading, critical reading and informal reading response for inquiry, learning and thinking.</p> <p>CO6: Be able to critique their own and others work by emphasising global revision</p>
British Literature II	BRA2A	<p>CO1: It provides a wide knowledge of the characteristics of various literary genres.</p> <p>CO2: They are acquainted with analytical skills and critical thinking; through reading, discussion and assignments.</p> <p>CO3: It has broadened student's intercultural reading experience.</p> <p>CO4: Familiarized a greater appreciation of language as an artistic medium and other aesthetic principles that shape literary works.</p> <p>CO5: It provides an understanding the expression of human values with in a historical and social context.</p> <p>CO6: help students develop the ability to learn and contribute critically</p>
Regional Indian Literature in Translation	BRB2A	<p>CO1: To get introduced to the concept of Indian literature</p> <p>CO2: To understand the various ancient Tamil text in English translation</p> <p>CO3: To make them understand the diversity in languages but the unity in translation.</p> <p>CO4: To develop intercultural dialogue through literature and translation and high light lesser-Translated literatures.</p> <p>CO5: To foster the development of vibrant Indian literary culture.</p> <p>CO6: To familiarize the students with the concept of Agam and Puram and Indian Aesthetics</p>
British Literature III	BRA3A	<p>CO1: Express themselves effectively in different genres of literature.</p> <p>CO2: Support interpretive claims on variety of critical thinking.</p> <p>CO3: Identify the salient features of literary texts from broad range of English literary period.</p>

		<p>CO4: Employ knowledge of literary traditions to produce imaginative writing.</p> <p>CO5: Explore communicative fluency through applied learning</p> <p>CO6: Demonstrate knowledge of the history or culture of the English language.</p>
Modern English Language and usage	BRA3B	<p>CO1: Classify the types of sentences, clauses and phrases.</p> <p>CO2: Describe the types, functions and use of parts of speech.</p> <p>CO3: Identify the common language errors and correct them.</p> <p>CO4: Explain the grammar of spoken and written language.</p> <p>CO5: Analyse and convert sentences from active to passive, and from direct to indirect and vice versa.</p> <p>CO6: Describe the degrees of comparisons, one form to the other.</p>
Myth and Literature	BRB3A	<p>CO1: Recognize the essentially oral nature of myths and folklore and examine how the context of oral performance shapes the meaning of a story.</p> <p>CO2: Discuss how a diverse range of specific myths function within the cultures that produce them.</p> <p>CO3: Explore the beginning of myth, its natural Phenomena and its relativity and adaptations in Literature.</p> <p>CO4: Explore a variety of scholarly approaches to mythology and folklore Recognize recurring mythological themes and motifs in traditional myths and the arts.</p> <p>CO5: Explore how the collection, transcription and interpretation of myths reflect a process of cultural struggle and historical patterns of domination.</p> <p>CO6: Write clear, focused, coherent essays about literature for an academic audience, using Standard English conventions of grammar and style.</p>
American Literature I	BRA4A	<p>CO1: Identify and describe the major critical approaches to literary interpretation: New Criticism/Formalism, Reader-Response, Feminism, and Marxism</p> <p>CO2: Describe the major historical and cultural developments of colonial America;</p>

		<p>explain key concepts</p> <p>CO3: Describe the major conventions, tropes, and themes of Puritan and early American literature; identify and discuss those features with regard to individual works</p> <p>CO4: Describe the major historical and cultural developments of the Enlightenment; explain key concepts</p> <p>CO5: Describe the major conventions, tropes, and themes of Transcendentalist literature; identify and discuss those features with regard to individual authors/works.</p> <p>CO6: Describe the major conventions, tropes, and themes of abolitionist literature and slave narratives; identify and discuss those features with regard to individual authors/works.</p>
Film and Literature	BRA4B	<p>CO1: Foster student with the knowledge of the background of adaptation from literature to film</p> <p>CO2: Explore student awareness of historical and theoretical relations of media to structures of power and ideology</p> <p>CO3: Develop and enhance students media literacy's through the development of critical and analytical and argumentation skills and independent research.</p> <p>CO4: Students learn to recognize formal elements to acquire carry out formal analysis of film</p> <p>CO5: Develop general conclusions by synthesising specific cases and by utilizing film studies methods.</p> <p>CO6: Compose convincing written arguments backed by evidence from films and secondary sources.</p>
Introduction to the study of language and linguistics	BRB4A	<p>CO1: Students will be able to understand the basic nature, branches and history of linguistic inquiry.</p> <p>CO2: It familiarizes with the methods of logical analysis in analysing the data from wide variety of languages and dialects.</p> <p>CO3: It provides an analytic reasoning to understand structure of human language.</p> <p>CO4: Grasp the complexity of language as a communication system shaped by cognitive, biological, cultural, and social factors.</p>

		<p>CO5: Acquire the technical vocabulary and theoretical tools of the field, necessary to read published linguistic research.</p> <p>CO6: Are ready for significant scholarly participation in the field of linguistics.</p>
American Literature II	BRA5A	<p>CO1: Identify key ideas, representative authors and works, significant historical or cultural events and characteristic perspectives or attitudes expressed in the literature.</p> <p>CO2: Analyse literary works as expression of individual or communal values within the social, political of different literary periods.</p> <p>CO3: Demonstrate knowledge of the development of characteristic forms or styles of expression during different historical periods in different regions.</p> <p>CO4: Articulate the aesthetic principles that guide the scope and variety of works n arts and humanities.</p> <p>CO5: Write research based critical papers about the assigned readings in clear and grammatically correct prose using various critical approaches to literature.</p> <p>CO6: Enabling students to know more about the culture and practices of the America.</p>
Post Colonial Literature In English I : Australian Literature	BRA5B	<p>CO1: Understanding the impact of colonialism in Australia.</p> <p>CO2: Familiarizes the geographical, social and political context of Australian literature.</p> <p>CO3: Understanding the national myths and the history of the Australia.</p> <p>CO4: Understanding the history of the country and its changing dimensions.</p> <p>CO5: Introducing the writers of the Australian literature and their method of writing.</p> <p>CO6: Textual study within the scope of the course is confined to the study of white canonical writer.</p>
Women's Writing	BRB5C	<p>CO1: Helping the students to know the theories and concepts of feminism.</p> <p>CO2: Familiarizing the students with women's writing and the specific issues it deals with.</p> <p>CO3: Appreciating the womanhood.</p> <p>CO4: Understanding the feminist perspective.</p>

		<p>CO5: Treating woman equally.</p> <p>CO6: Reading and responding to feminist scholarship.</p>
Introduction To Literary Theories	BRB5D	<p>CO1: Helping the learners to develop a broad understanding of literary theories.</p> <p>CO2: Familiarizing students with the application of literary theories in criticism.</p> <p>CO3: Enriching reader understands of the literary work.</p> <p>CO4: Explaining value judgements on a work.</p> <p>CO5: Providing other readers with relevant historical or biographical information.</p> <p>CO6: Explaining his or her interpretations of the work.</p>
Introduction To Translation Studies Or Practical Approach To Technical Writing	BRE5A	<p>CO1: Providing an overview of translation studies as an academic discipline.</p> <p>CO2: Establishing lexical, grammatical and stylistic correspondences and divergences between two languages.</p> <p>CO3: Pointing out possible ways of their rendering from one language and the other.</p> <p>CO4: Achieving maximum identification of various writers.</p> <p>CO5: Enabling students to engage in advanced study.</p>
Contemporary Literature	BRA6A	<p>CO1: Educating students in both the artistry and utility of the English language</p> <p>CO2: Introduction to provoke educationally valuable works from 21<sup>st</sup> century.</p> <p>CO3: Familiarizing students on multiculturalism, diasporic writing and displacement.</p> <p>CO4: Enabling to ethically gather, understand, evaluate and synthesize information from a variety of sources.</p> <p>CO5: Enabling students to know more about the culture and the traditions.</p> <p>CO6: Enhancing appreciation and enjoyment of language and literature.</p>
POST COLONIAL LITERATURE IN ENGLISH II : CANADIAN LITERATURE	BRA6B	<p>CO1: Acquainting the students with selected works from Canadian literature.</p> <p>CO2: Enabling students to place Canadian literature into a broader context of literature written in English language.</p>

		<p>CO3: Understanding the national myths and history of Canada.</p> <p>CO4: Explaining the colonialism of the country and its sufferings.</p> <p>CO5: Introducing the history of the country and its dimensions.</p> <p>CO6: Explaining the historical overview of the literature, traveller accounts and literature of the first immigrants.</p>
SHAKESPEARE PAPER XV	BRA6C	<p>CO1: Enabling students to understand and analyze multiple interpretations in a story.</p> <p>CO2: Enabling students to acquire more learning skills.</p> <p>CO3: Engaging students to know more about the writings of Shakespeare and his skills.</p> <p>CO4: Enabling students to initiate and participate in group discussions.</p> <p>CO5: Listening skills are raised in a variety of situations in order to receive, interpret, evaluate and respond.</p> <p>CO6: Analyzing the impact of the author's choices regarding how to develop and relate elements of a story or drams.</p>
WORLD LITERATURE IN TRANSLATION	BRE6A	<p>CO1: Making students to develop their skills in literary analysis.</p> <p>CO2: Enabling students to develop their critical writing.</p> <p>CO3: Making students to gain knowledge about the entire world literature.</p> <p>CO4: Gaining understanding of the national literature and literary texts.</p> <p>CO5: Enabling students to understand all the social, cultural and historical contexts.</p> <p>CO6: Enhancing students to know more about the various writers and their translated texts.</p>
JOURNALISM	BRE6B	<p>CO1: Promoting the students with high ethical standards of journalism.</p> <p>CO2: Advancing the education, skills and competence of the people in all forms.</p> <p>CO3: Encouraging dialogue between journalists, media and others on the value of informed journalistic rules.</p>

		<p>CO4: Preparing reports on the current ethical challenges and governing issues.</p> <p>CO5: Strengthen co-operation between media and professional groups at nations, regional and international level.</p> <p>CO6: Organises and encourage educational activities and knowledge exchanges between the media community and the social groups.</p>
Effective from the academic year 2014 June ( GENERAL ENGLISH)		
General English I	CLZ1L	<p>CO1: Understand the total content and underlying meaning of the context</p> <p>CO2: Acquire the ability to grasp the meaning of words and sentences</p> <p>CO3: To obtain substance and central idea of what is thought and heard</p> <p>CO4: To master the mechanism of writing</p> <p>CO5: To understand and apply body and rules surrounding English grammar in everyday context.</p> <p>CO6: Develop vocabulary connected with topics such as leisure, work and employment</p>
	CLZ1K	<p>CO1: Familiarize with various aspects of our new state of Telengana</p> <p>CO2: Carry out all the LSRW skills</p> <p>CO3: Channelize energy through soft skills and Value orientation</p> <p>CO4: Learn good English to prosper in professional and personal lives</p> <p>CO5: Become proficient in English for global competency</p> <p>CO6: Enhance language through a task-based &amp; learner – centric syllabus</p>
General English II	CLZ2L	<p>CO1: They will be able to understand language and description of topics from variety of texts.</p> <p>CO2: To be able to write describing impression feeling and expression to write about familiar topics.</p> <p>CO3: To understand and apply body and rules surrounding English grammar in everyday context.</p> <p>CO4: Develop vocabulary connected with topics such as leisure, work and employment</p> <p>CO5: Enable the learner to communicate effectively and appropriately in real life</p>

		<p>situation.</p> <p>CO6: To use English effectively for study purpose across the curriculum</p>
	CLZ2K	<p>CO1: The students of General English Semester 3 Course learn the use rather than usage of English.</p> <p>CO2: They develop their critical thinking capabilities focused through the course as an important need.</p> <p>CO3: Through the selected text, the students are exposed to a range of contexts where the language is used to meet a variety of real life communication needs.</p> <p>CO4: The students learn/are equipped with the practical, emotional, intellectual and creative aspects of language by integrating knowledge and skills.</p>
General English III	CLZ3M	<p>CO1: Classify the types of sentences, clauses and phrases and to describe the types, functions and use of parts of speech.</p> <p>CO2: Identify the common language errors and correct them. Analyse and convert sentences from active to passive, and from direct to indirect and vice versa.</p> <p>CO3: Explain the grammar of spoken and written language.</p> <p>CO4: To understand labels, simple notices and written instruction.</p> <p>CO5: It helps them to identify significant point and feature of a text.</p> <p>CO6: To enrich their language skills</p>
General English IV	CLZ4R	<p>CO1: It enables students to write an original dialogue, story, one-act play, poems etc.</p> <p>CO2: Master the mechanics of writing and respond imaginatively to textual questions</p> <p>CO3: Develop to reveal accurately what the individual had learnt in the class room.</p> <p>CO4: Comprehend the prescribed text both extensively and intensively.</p> <p>CO5: Understand the total content and underlying meaning of the context</p> <p>CO6: Acquire the ability to grasp the meaning of words and sentences</p>

**DEPARTMENT OF COMMERCE – M. Com General**

<b>DEPARTMENT OF MASTER OF COMMERCE</b>		
<b>COURSE NAME</b>	<b>COURSE CODE</b>	<b>COURSE OUTCOME</b>
Advanced Corporate Accounting And Accounting Standards	KDA1E	CO1: It provides knowledge on corporate accounting methods and procedures. CO2: Communicate accounting policy of holding, amalgamation, absorption and reconstruction CO3: It explains the relevant accounting standards and the ability to apply them to solve practical problems. CO4: It develop skills in the preparation of accounting statements and their analysis
Financial Management	KDA1B	CO1: Provides knowledge on the finance function in business CO2:It develops the skills in financial analysis and decision making CO3: Explain alternative sources of finance and investment opportunities and their suitability in particular circumstances CO4: It helps to Assess the factors affecting investment decisions and opportunities presented to an organization
Organisational Behaviour	KDA1C	CO1: It provides knowledge on employees behaviour and their managerial implications CO2:It explains organizational dynamics and skills required for working in groups (team building) CO3: It helps to know the decision making process and implementation of organizational change. CO4:It explains organizational culture and describe its dimensions and organizational designs
Managerial Economics	KDAIG	CO1:Understand the roles of managers in firms and the internal and external decisions to be made by managers CO2:Analyze the demand and supply conditions and assess the position of a company CO3: It helps to know about the competition strategies, including costing, pricing, product differentiation, and market environment according to the natures of products and the structures of the markets.

		CO4: Analyze real-world business problems with a systematic theoretical framework.
Strategic Human Resource Management	KDABA	CO1: It Provide knowledge on understanding , managing human resources in the organisation CO2: It Offers exposure on human resources practices in organisations CO3 :It appreciate how HR strategies are related to business strategies CO4: It helps to manage own professional and provide leadership quality
Advanced Cost And Management Accounting	KDA2A	CO1: It helps to gain knowledge on cost and management accounting techniques CO2: Students know how to use standard costs to prepare budgets for Planning and control purposes. CO3: It helps to develop the skills of Students in the preparation of cost and management accounting statements. CO4: Students can able to identify, use and interpret the results of costing techniques appropriate to different activities and decisions.
Marketing Of Services	KDA2C	CO1: It provide specialized knowledge on marketing skills for service sector CO2: it helps to expose students to marketing practices in service sector CO3: it helps to determine the marketing strategy for service firm CO4: it communicates information about customer relationship management.
Total Quality Management	KDAXA	CO1: to evaluate the principles of quality management and how it can be applied within quality management system CO2: it provide knowledge in the emerging total quality management CO3: critically analyse the strategic issue and recent technique for quality improvement CO4: It builds conceptual clarity and skill of concept applications.
Industrial Relation And Labour Welfare	KDABB	CO1:Acquire a solid theoretical, practical and ethical perspective on many aspects of industrial relations

		<p>CO2: Understand the key participants, institutions, relationships and processes in employment relations, so that you acquire an enhanced ability to influence industrial relations outcomes in an informed manner</p> <p>CO3: Know the development and the judicial setup of Labour Laws &amp; General HRD Practice.</p> <p>CO4: Students will learn the laws relating to Industrial Relations, Social Security and Working conditions and also learn the enquiry procedural and industrial discipline.</p>
Quantitative Techniques for Business Decision	KDA2B	<p>CO1 The students will be capable of analyze and a good quality interpretation and the students gain the knowledge of decision making.</p> <p>CO2 The students will be enabled to find the various aspects in Business Management and mathematical reasoning.</p> <p>CO3 The students will be capable of finding solution to the business problems.</p> <p>CO4 The students will be enriched with quantitative techniques for solving the real-life situations.</p>
Research Methodology	KDA3A	<p>CO1: It provide knowledge on research methods</p> <p>CO2: Techniques and the process and to develop skills in the application of research methods for business problem solving</p> <p>CO3: To Know different types of Sampling and Sampling Errors</p> <p>CO4: To Know how to frame a report</p>
Knowledge Management	KDA3B	<p>CO1: To provide knowledge on understanding managing human resources in organization</p> <p>CO2: It helps to identify Knowledge culture In organizations</p> <p>CO3: To Know the Practical implementation of Knowledge management systems</p> <p>CO4: To Know how to Develop and sustain Knowledge Management</p>
Managerial Behaviour And Effectiveness	KDABD	<p>CO1: To provide knowledge on understanding managing human resources in organization</p>

		<p>CO2: It helps to identify The person, process, product approaches</p> <p>CO3:To Know the Practical implementation of Management Behaviour</p> <p>CO4:Awareness on Self Development</p>
Change Management	KDABC	<p>CO1: It enable the students to analyze strategic change and how change impacts managerial issues</p> <p>CO2:it develops the skills needed to manage transition and the psychological structural and cultural issues, people face when dealing with change</p> <p>CO3: it helps to identified ways to help team members cope with change</p> <p>CO4: It helps to know the implementation of strong culture, communication and performance management strategy</p>
Business Ethics And Corporate Governance	KDAXB	<p>CO1:It provide knowledge of business and economic concepts from an ethical perspective</p> <p>CO2:It explain and illustrate the importance for business and the community of ethical conduct</p> <p>CO3:It helps to recognise and resolve ethical issues in business and ethical dimension in business</p> <p>CO4: It helps to understand good governance practices in making business decisions.</p>
Fundamentals of Information Technology	KDA31	<p><b>CO1:</b> Develop working knowledge on business related software and gain basic skills in computer applications.</p> <p><b>CO2:</b> Make decisions related to work that are demonstrate understanding the importance of being an ethical computer professional.</p>
Merchant Banking And Financial Services	KDA4C	<p>CO1: It helps to understand the role of intermediaries in relation to the issue management activities</p> <p>CO2: It provides depth knowledge of merchant banking services concerning financial markets in India</p> <p>CO3 :It provides knowledge on SEBI norms and financial knowledge</p> <p>CO4: It helps to understand the various financial services and their future</p>

Investment Analysis and Portfolio	KDA4B	CO1: It Provides knowledge on basics of investment management investment. CO2: It develops the skill for investment analysis and portfolio building CO3: Find the relationship between risk and return. CO4: Gain knowledge of the various strategies followed by investment practitioners
Human Resource Accounting And Auditing	KDABE	CO1: To impart knowledge on Human Resource Accounting and to expose students to Human resource practices in the corporate world CO2: Role of HR managers and auditors CO3: To Know how to Use of Human Resource audit report for business improvement CO4: To identify Various issues in HR Audit

### DEPARTMENT OF COMPUTER SCIENCE – M. Sc Computer Science

DEPARTMENT OF MASTER OF SCIENCE		
COURSE NAME	COURSE CODE	COURSE OUTCOME
ADVANCED JAVA	PSD1B	Explore Exception handling, html, applet etc
ADVANCED JAVA LAB	PSD12	To develop live projects using java
SYSTEM SOFTWARE	PSD1C	Distinguish between operating systems software and application system software and identify the primary functions of operating system
DESIGN AND ANALYSIS OF ALGORITHMS	PSD1A	Design and implement data structures for computation. Employ dynamic programming techniques.
THEORETICAL FOUNDATION OF COMPUTER SCIENCE	PED1A	Formal models of computation, computability and decidability. Also mathematical skills
PRACTICAL - DESIGN AND ANALYSIS OF ALGORITHM LAB	PSD11	Designing concepts & comparing algorithms
COMPUTER NETWORKS	PSD2A	Knowledge and ability to understand network technology
DIGITAL IMAGE PROCESSING	PSD2B	Categorize various compression techniques. Interpret Image compression standards.

PRACTICAL: RDBMS LAB	PSD21	To develop projects according to customer need
IMAGE PROCESSING USING JAVA LAB	PSD22	Develop any application using different image processing techniques.
ELECTIVE: MOBILE COMPUTING	PSDEA	Knowledge on wireless communication
OOAD	PED2A	Identify, analyse and model structural and behavioural concepts of the system. Develop, explore the conceptual model into various scenarios and applications.
COMPILER DESIGN	PSD3A	Understanding the phases of compiler
INFORMATION SECURITY	PSD3B	History and awareness on data security
ARTIFICIAL INTELLIGENCE	PSD3C	Understanding the searches knowledge representation, reasoning & learning
ELECTIVE II- DISTRIBUTED DATABASE SYSTEM	PSDEF	Currently available models and technologies for building DDS
ELECTIVE III- MULTIMEDIA SYSTEM	PSDEG	Develop understanding of technical aspects of multimedia
MINI PROJECT	PSD31	Practical knowledge from the industry

### DEPARTMENT OF MASTER OF ENGLISH

COURSE NAME	COURSE CODE	COURSE OUTCOME
Effective from the academic year 2014 June		
FROM CHAUCER TO 17 <sup>TH</sup> CENTURY	HAB1A	Co1: Familiarize students with English poetry from Medieval England to 17 <sup>th</sup> Century. Co2: Recognize and understand figurative language such as Sonnet, Ballad, Lyric, Epic, etc., Co3 :Social and literary history of the 14 <sup>th</sup> century Co4 :Literary texts that reflect the literary the cultural and Political interest Co5: Poems from Chaucer to John Milton. Co6 : Presents various forms of poetry in 17 <sup>th</sup> Century.
ELIZABETHAN & JACOBAN DRAMA	HAB1B	Co1: To acquaint the students with the origin of drama

		<p>Co2: To make them to understand Britain and the stages of its evolution.</p> <p>Co3: To know more about the theatre &amp; culture of Britain.</p> <p>Co4: Familiarizing the Seneca &amp; revenge Tragedy.</p> <p>Co5: It helps to know about the Elizabethan theatre.</p> <p>Co6: To introduce students to major Jacobean drama</p>
<p>ORIGIN AND DEVELOPMENT UPTO 18<sup>TH</sup> CENTURY</p>	<p>HAB1C</p>	<p>Co1: This paper familiarizes the students with the origin of development of the British novel.</p> <p>Co2: It helps the students to know about the allegorical novel and satire.</p> <p>Co3: This paper throws light on various concepts of theories of the novel.</p> <p>Co4: It also helps to know the middle class novel of manners.</p> <p>Co5: It enables the students to understand the new world novel.</p> <p>Co6: It creates an impact on various novels such as Picaresque novel.</p>
<p>INDIAN WRITING IN ENGLISH IN TRANSLATION</p>	<p>HAB1D</p>	<p>Co1: Students to understand the evolution of Indian writing in English.</p> <p>Co2: It influences the students on classical Indian tradition.</p> <p>Co3: It introduces students to major movements &amp; figures of Indian literature.</p> <p>Co4: It also enables them to get a glimpse of the rich diversity of culture &amp; Life in the regional language.</p> <p>Co5: Kindling creative with innovative thoughts in Indian Classical literary Tradition.</p> <p>Co6: Develops a deeper appreciation to regional languages</p>
<p>CLASSICS IN TRANSLATION</p>	<p>HAB1E</p>	<p>Co1: This paper aims the students with the Ancient Indian theatre &amp; classical Greek theatre.</p> <p>Co2: It also intends to draw the attention of the students to the socio, economic, cultural factors reflected in Indian, European &amp; Russian Literatures.</p> <p>Co3: This paper focuses on the growth of the European and Indian literatures from ancient to Modern periods.</p>

		<p>Co4: It familiarizes the students in Regional Literature.</p> <p>Co5: It helps to know about naturalism and realism in fiction.</p>
AMERICAN LITERATURE		<p>Co1: It familiarizes the students with the origin and development of American Literature.</p> <p>Co2: It deals with the time of the settlers and colonies to the post modern and multi cultural literature.</p> <p>Co3: It also intends on the influence of Indian thought on Emerson, Urbanization and post-war society.</p> <p>Co4: It helps to know the economic depression, the civil war, the Harlem renaissance, post modern influence in fiction, drama and multiculturalism.</p> <p>Co5: This paper enables the students to know black Culture.</p> <p>Co6: It gives knowledge on Harlem Renaissance.</p>
Eighteenth to Nineteenth Century		<p>Co1: Familiarizing the students with English poetry starting from Augustans to the beginning of Romantic period in English literature.</p> <p>Co2: It attempts to sensitise the students to certain exclusive poetic qualities.</p> <p>Co3: It provides wide knowledge on Classicism and Pre-Raphaelites.</p> <p>Co4: Students are able to apply critical thinking and theoretical approaches to reading Poetry.</p> <p>Co5: Identify and describe the Transitions.</p> <p>Co6: Deals with Victorian and Romantic Poets.</p>
RESTORATION TO TWENTIETH CENTURY		<p>CO1: Literary history of the period from Restoration to twentieth Century</p> <p>Co2: Dramatic movements such as Realism, Naturalism and Irish dramatic movement.</p> <p>Co4: Play from playwrights belonging to the periods of the Restoration to Twentieth Century.</p> <p>Co5: Contexts of the English Literary tradition From the Restoration to 20<sup>th</sup> Century.</p> <p>Co6: Trends and movements in Restoration age.</p>

<p style="text-align: center;">NINETEENTH TO TWENTIETH CENTURY</p>		<p>Co1: This paper focuses on various technical issues associated with Fiction.</p> <p>Co2: Deals on Women issues.</p> <p>Co3: Deals with Liberal Humanism, Individual Environment and Class Issues.</p> <p>Co4 :Identify the Quest</p> <p>Co5: It introduces various Political and Economic Scenario.</p> <p>Co6: Rich cultural, social and political backdrop which contributed to the diversity of Fictional writing.</p>
<p style="text-align: center;">ENGLISH FOR CAREERS</p>		<p>Co1: Deals with different levels of Language Organization.</p> <p>Co2: Study the formation of new words.</p> <p>Co3: Students learn to think and communicate effectively.</p> <p>Co4: Enhances Comprehensive capacity.</p> <p>Co5: Develops Language learning Skills.</p> <p>Co6: Communication activities.</p>
<p style="text-align: center;">Shakespeare Studies</p>	<p style="text-align: center;">HAB3A</p>	<p>Co1: Students appreciate and enjoy Shakespeare’s Play..</p> <p>Co2: Students develop a critical thinking and appreciative understanding of Shakespeare’s Play.</p> <p>Co3: They acquire wide range of Knowledge in different approaches of Shakespeare.</p> <p>Co4: It motivates Students to develop a Scholarly interest in Shakespeare’s Play.</p> <p>Co5: Students understand how Shakespeare’s works gained their unique position in English Speaking culture.</p> <p>Co6: Knowledge on Theatres.</p>
<p style="text-align: center;">ENGLISH LANGUAGE AND LINGUISTICS</p>	<p style="text-align: center;">HAB3B</p>	<p>Co1: Students have a conceptual understanding of the English Language.</p> <p>Co2: They understand the Social, Pragmatic and functional use of Language in Society.</p> <p>Co3: Fundamental understanding of core areas of Language analysis including Phonology, Morphology, Syntax, Semantics and Pragmatics.</p> <p>Co4: Basic Knowledge on the nature of language.</p> <p>Co5: Use of Language in Social Context.</p> <p>Co6: Vocabulary and Word Study.</p>
<p style="text-align: center;">LITERARY CRITICISM AND LITERARY</p>	<p style="text-align: center;">HAB3C</p>	<p>Co1: Familiarizing students with aesthetic Concepts.</p>

THEORY		<p>Co2: An Over view of Post-Colonial theories.</p> <p>Co3: Leading the learners to Structuralism and Post –Structuralism approaches.</p> <p>Co4: English Criticism from early Aristotle to T.S. Eliot.</p> <p>Co5: Applying the Concepts successfully in a Close reading.</p> <p>Co6: Understanding theoretical methodologies.</p>
LITRATURE ANALYSIS AND APPROACHES AND APPLICATION	HAB3D	<p>Co1: Enabling students to experience the practical aspects of: Literature.</p> <p>Co2: Writing and Editing.</p> <p>Co3: Analyzing numerical data and utilizing databases for multi-layered story telling.</p> <p>Co4: Learning Editing and Content writing.</p> <p>Co5: Orientating the students to the techniques of technical writing.</p> <p>Co6 : Creating an awareness on Contemporary issues</p>
COPY EDITING	HAB3E	<p>Co1: Identifying the Copyediting and Proof reading stages.</p> <p>Co2: Using word – processing Software for editing.</p> <p>Co3: Learning the publishing industry’s technical Languages.</p> <p>Co4: Standard symbols and techniques for Proof correction.</p> <p>Co5: Familiarity with the components of different editorial style guides.</p> <p>Co6: Publishing Process.</p>
20 <sup>TH</sup> CENTURY POETRY	HAB4A	<p>Co1: Reading text Closely.</p> <p>Co2: Understanding the literary text and Social Structure.</p> <p>Co3: Learning formal and thematic aspects of texts.</p> <p>Co4: Deals with larger cultural and historical movements.</p> <p>Co5: Sensitising various aspects of British 20<sup>th</sup> Century Literature.</p> <p>Co6: Knowing the various literary movements.</p>
WRITINGS BY AND ON WOMEN	HAB4B	<p>Co1: Analysing the text through the perspective of Gender.</p> <p>Co2: Themes and narrative strategies used in Feminist Fiction</p>

		<p>Co3: Studying Feminism from various perspectives.</p> <p>Co4: Giving space to understand the Writings by Women.</p> <p>Co5: Considering the developments and themes of Feminist Fiction.</p>
GENERAL ESSAY	HAB4C	<p>Co1: Capacitating the students to face Competitive examination.</p> <p>Co2: Teaching them the possible ways of exercising one's imagination.</p> <p>Co3: Stimulating creativity.</p> <p>Co4: Improving students' knowledge in different topics.</p> <p>Co5: Knowing varying Strategies for effective essay writing.</p> <p>Co6: Training the Students to write Long Essays.</p>
FILM STUDIES	HAB4D	<p>Co1: Developing in Students an aesthetic understanding of Films.</p> <p>Co2: Reflection upon the articulation of a Film's content, form and structure.</p> <p>Co3: Identifying the Formal and Stylistic elements of film.</p> <p>Co4; Understanding of Film theory and Global Film Industry.</p> <p>CO5: Understanding the historical and cultural context.</p> <p>CO6: Gaining a basic understanding of Film theory and global Film Industry.</p>
PROJECT	HAB4Q	<p>Co1: Equipping the students with the efficient way of presenting the research work.</p> <p>Co2 : Use of Language in Writing</p> <p>Co3: Identifying the methodologies to address the research questions.</p> <p>Co4: Mentioning the future scope at the end of the research.</p> <p>Co5: Enhance the ability of analyzing and interpretation.</p> <p>Co6: Identifying and utilizing relevant secondary sources to support their research.</p>
<b>( with effect from 2018-19)</b>		
FROM CHAUCER TO 17 <sup>TH</sup> CENTURY	HBB1A	<p>Co1: Familiarize students with English poetry from Medieval England to 17<sup>th</sup> Century.</p>

		<p>Co2: Recognize and understand figurative language such as Sonnet, Ballad, Lyric, Epic, etc.,</p> <p>Co3 :Social and literary history of the 14<sup>th</sup> century</p> <p>Co4 :Literary texts that reflect the literary the cultural and Political interest</p> <p>Co5: Poems from Chaucer to John Milton.</p> <p>Co6: Presents various forms of poetry in 17<sup>th</sup> Century.</p>
ELIZABETHAN & JACOBAN DRAMA	HBB1B	<p>Co1: To acquaint the students with the origin of drama</p> <p>Co2: To make them to understand Britain and the stages of its evolution.</p> <p>Co3: To know more about the theatre &amp; culture of Britain.</p> <p>Co4: Familiarizing the Seneca &amp; revenge Tragedy.</p> <p>Co5: It helps to know about the Elizabethan theatre.</p> <p>Co6: To introduce students to major Jacobean drama.</p>
ORIGIN AND DEVELOPMENT UPTO 18 <sup>TH</sup> CENTURY	HBB1C	<p>Co1: This paper familiarizes the students with the origin of development of the British novel.</p> <p>Co2: It helps the students to know about the allegorical novel and satire.</p> <p>Co3: This paper throws light on various concepts of theories of the novel.</p> <p>Co4: It also helps to know the middle class novel of manners.</p> <p>Co5: It enables the students to understand the new world novel.</p> <p>Co6: It creates an impact on various novels such as Picaresque novel.</p>
INDIAN WRITING IN ENGLISH AND IN TRANSLATION	HBB1D	<p>Co1: Students to understand the evolution of Indian writing in English.</p> <p>Co2: It influences the students on classical Indian tradition.</p> <p>Co3: It introduces students to major movements &amp; figures of Indian literature.</p> <p>Co4: It also enables them to get a glimpse of the rich diversity of culture &amp; Life in the regional language.</p>

		<p>Co5: Kindling creative with innovative thoughts in Indian Classical literary Tradition.</p> <p>Co6: Develops a deeper appreciation to regional languages</p>
CLASSICS IN TRANSLATION	HBB1E	<p>Co1: This paper aims the students with the Ancient Indian theatre &amp; classical Greek theatre.</p> <p>Co2: It also intends to draw the attention of the students to the socio, economic, cultural factors reflected in Indian, European &amp; Russian Literatures.</p> <p>Co3: This paper focuses on the growth of the European and Indian literatures from ancient to Modern periods.</p> <p>Co4: It familiarizes the students in Regional Literature.</p> <p>Co5: It helps to know about naturalism</p>
AMERICAN LITERATURE	HBB2A	<p>Co1: It familiarizes the students with the origin and development of American Literature.</p> <p>Co2: It deals with the time of the settlers and colonies to the post modern and multi cultural literature.</p> <p>Co3: It also intends on the influence of Indian thought on Emerson, Urbanization and post-war society.</p> <p>Co4: It helps to know the economic depression, the civil war, and the Harlem renaissance, post modern influence in fiction, drama and multiculturalism.</p> <p>Co5: This paper enables the students to know black Culture.</p> <p>Co6: It gives knowledge on Harlem Renaissance.</p>
Eighteenth to Nineteenth Century	HBB2B	<p>Co1: Familiarizing the students with English poetry starting from Augustans to the beginning of Romantic period in English literature.</p> <p>Co2: It attempts to sensitise the students to certain exclusive poetic qualities.</p> <p>Co3: It provides wide knowledge on Classicism and Pre-Raphaelites.</p> <p>Co4: Students are able to apply critical thinking and theoretical approaches to reading Poetry.</p> <p>Co5: Identify and describe the Transitions.</p> <p>Co6: Deals with Victorian and Romantic Poets.</p>

<p style="text-align: center;">RESTORATION TO TWENTIETH CENTURY</p>	<p style="text-align: center;">HBB2C</p>	<p>CO1: Literary history of the period from Restoration to twentieth Century</p> <p>Co2: Dramatic movements such as Realism, Naturalism and Irish dramatic movement.</p> <p>Co4: Play from playwrights belonging to the periods of the Restoration to Twentieth Century.</p> <p>Co5: Contexts of the English Literary tradition From the Restoration to 20<sup>th</sup> Century.</p> <p>Co6: Trends and movements in Restoration age.</p>
<p style="text-align: center;">NINETEENTH TO TWENTIETH CENTURY</p>	<p style="text-align: center;">HBB2D</p>	<p>Co1: This paper focuses on various technical issues associated with Fiction.</p> <p>Co2: Deals on Women issues.</p> <p>Co3: Deals with Liberal Humanism, Individual Environment and Class Issues.</p> <p>Co4 :Identify the Quest</p> <p>Co5: It introduces various Political and Economic Scenario.</p> <p>Co6: Rich cultural, social and political backdrop which contributed to the diversity of Fictional writing.</p>
		<p>Co1: Deals with different levels of Language Organization.</p> <p>Co2: Study the formation of new words.</p> <p>Co3: Students learn to think and communicate effectively.</p> <p>Co4: Enhances Comprehensive capacity.</p> <p>Co5: Develops Language learning Skills.</p> <p>Co6: Communication activities.</p>
<p style="text-align: center;">SHAKESPEARE STUDIES</p>	<p style="text-align: center;">HBB3A</p>	<p>Co1: Students appreciate and enjoy Shakespeare’s Play.</p> <p>Co2: Students develop a critical thinking and appreciative understanding of Shakespeare’s Play.</p> <p>Co3: They acquire wide range of Knowledge in different approaches of Shakespeare.</p> <p>Co4: It motivates Students to develop a Scholarly interest in Shakespeare’s Play.</p> <p>Co5: Students understand how Shakespeare’s works gained their unique position in English Speaking culture.</p> <p>Co6: Knowledge on Theatres.</p>

ENGLISH LANGUAGE AND LINGUISTICS	HBB3B	<p>Co1: Students have a conceptual understanding of the English Language.</p> <p>Co2: They understand the Social, Pragmatic and functional use of Language in Society.</p> <p>Co3: Fundamental understanding of core areas of Language analysis including Phonology, Morphology, Syntax, Semantics and Pragmatics.</p> <p>Co4: Basic Knowledge on the nature of language.</p> <p>Co5: Use of Language in Social Context.</p> <p>Co6: Vocabulary and Word Study.</p>
LITERARY CRITICISM AND LITERARY THEORY	HBB3C	<p>Co1: Familiarizing students with aesthetic Concepts.</p> <p>Co2: An Over view of Post-Colonial theories.</p> <p>Co3: Leading the learners to Structuralism and Post –Structuralism approaches.</p> <p>Co4: English Criticism from early Aristotle to T.S. Eliot.</p> <p>Co5: Applying the Concepts successfully in a Close reading.</p> <p>Co6: Understanding theoretical methodologies.</p>
LITERATURE ANALYSIS AND APPROACHES AND COPY EDITING	HBB3D	<p>Co1: Enabling students to experience the practical aspects of: Literature.</p> <p>Co2: Writing and Editing.</p> <p>Co3: Analyzing numerical data and utilizing databases for multi-layered story telling.</p> <p>Co4: Learning Editing and Content writing.</p> <p>Co5: Orientating the students to the techniques of technical writing.</p> <p>Co6: Creating an awareness on Contemporary issues.</p>
INTRODUCTION TO TRANSLATION STUDIES	HBB3E	<p>Co1: To sensitize students to the role of translation in society.</p> <p>Co2: Familiarizing the learners to basics skills in Translation.</p> <p>Co3: Demonstrate an awareness of fundamental issues in Translation.</p> <p>Co4: Knowledge on Dubbing and subtitling.</p> <p>Co5: Familiarity with the components of different editorial style guides.</p> <p>Co6: Orientating the students on Advisements and Films.</p>
20 <sup>TH</sup> CENTURY	HBB4A	Co1: Reading text Closely.

POETRY		<p>Co2: Understanding the literary text and Social Structure.</p> <p>Co3: Learning formal and thematic aspects of texts .</p> <p>Co4: Deals with larger cultural and historical movements.</p> <p>Co5: Sensitising various aspects of British 20<sup>th</sup> Century Literature.</p> <p>Co6: Knowing the various literary movements.</p>
WRITINGS BY AND ON WOMEN	HBB4B	<p>Co1: Analysing the text through the perspective of Gender.</p> <p>Co2: Themes and narrative strategies used in Feminist Fiction.</p> <p>Co3: Studying Feminism from various perspectives.</p> <p>Co4: Giving space to understand the Writings by Women.</p> <p>Co5: Considering the developments and themes of Feminist Fiction.</p>
ENGLISH LITERATURE FOR UGC NET /SET EXAMINATION	HBB4C	<p>Co1: Capacitating the students to face NET/SET examination.</p> <p>Co2: Teaching them the possible ways to clear UGC.</p> <p>Co3: Stimulating creativity and evaluate the knowledge of literature.</p> <p>Co4: Improving student’s knowledge in different topics.</p> <p>Co5.Familiarizing the students from Elizabethan to Modernism.</p>
FILM STUDIES	HBB4D	<p>Co1: Developing in Students an aesthetic understanding of Films.</p> <p>Co2: Reflection upon the articulation of a Film’s content, form and structure.</p> <p>Co3: Identifying the Formal and Stylistic elements of film.</p> <p>Co4; Understanding of Film theory and Global Film Industry.</p> <p>CO5: Understanding the historical and cultural context.</p> <p>CO6: Gaining a basic understanding of Film theory and global Film Industry.</p>
RESEARCH METHODOLOGY	HBB4Q	<p>Co1: Equipping the students with the efficient way of presenting the research work.</p> <p>Co2: Use of Language in Writing</p>

		<p>Co3: Identifying the methodologies to address the research questions.</p> <p>Co4: Mentioning the future scope at the end of the research.</p> <p>Co5: Enhance the ability of analyzing and interpretation.</p> <p>Co6: Identifying and utilizing relevant secondary sources to support their research.</p>
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**DEPARTMENT OF SOCIAL WORK – MSW**

**DEPARTMENT OF MASTER OF SOCIAL WORK**

<b>COURSE NAME</b>	<b>COURSE CODE</b>	<b>COURSE OUTCOME</b>
Social Work Profession - History and Philosophy	HBW1A	<p>CO1: The students gained understanding of History and Philosophy of Social Work and its emergence as a Profession</p> <p>CO2: The students developed insights of the origin and development of Voluntary organization</p> <p>CO3: Has capability to understand Social Work as a Profession and Distinguish it from Social Service</p> <p>CO4: The students has a capacity to recognize the need and importance of Social Work Education and training</p> <p>CO5: Developed awareness of the changing trends in Social Work practice and education.</p>
Work with Individuals	HBW1B	<p>CO1: The students has knowledge on Social Case Work as a method of Social Work.</p> <p>CO2: Developed skills required in Social Work practice</p> <p>CO3: Has Basic understanding of theory and models needed to apply on individuals</p> <p>CO4: Are aware of the scope of using the methods in various settings</p>
Work with groups	HBW1C	<p>CO1: Learnt the importance of Group Work as a method of Social Work and its intervention.</p> <p>CO2: Possess knowledge apply them in practice with groups</p> <p>CO3: Acquired knowledge of Group and Group Process</p> <p>CO4: Are aware of the scope of using the method in various settings</p>

Social and Psychological Foundations for Social Work	HBWXA	CO1: Have Basic understanding of Psychology and Sociology relevant to Social Work. CO2: Acquired knowledge on various stages of Human Growth and Development. CO3: The students gained knowledge about the society and its dynamism CO4: Acquire attitudes to society and its problems and also skills to deal with the issues.
Counselling	HAWEF	CO1: Ability to distinguish between Counselling, Case Work, and Psychotherapy CO2: Possess basic understanding of theory and skills in counselling CO3: Has knowledge of different approaches to counselling CO4: Able to integrate counselling skills in Social work practice
Social Policy and Social Legislation	HAWEH	CO1: Developed understanding of the social policy in the perspective of the National Goals as stated in the Constitution CO2: Possess capacity to recognize the linkage between development issues and social policy in terms of the plans and programmes CO3: Developed understanding of the concepts of social policy and social welfare policy CO4: Ability to develop an understanding of relevance of Social Work Policy to Social Work Practice
Social work Research and Statistics	.....	CO1: Provide a concise and clear description of a statistical problem CO2: Understands the method of solving Regression and Correlation CO3: Possess Knowledge of the nature, principles and methods of Social Work Research CO4: Learnt the application of appropriate statistical techniques in Social Work Research
Community Organization & Social Action	.....	CO1: understands a community as a social system

		<p>CO2: Learnt techniques and skills of CO as a method of Social Work</p> <p>CO3: Acquired knowledge of methods and approaches in Community Organisation and Social Action</p> <p>CO4: Acquired skills in working with the community</p>
Disaster Management	.....	<p>CO1: Developed Skills required for stress management at the time of emergency.</p> <p>CO2: Developed skills to analyze the factors contributing to disaster</p> <p>CO3: Understands the process of Disaster Management</p> <p>CO4: Knows the role of Social Worker in Disaster Management</p>
Gender and Development		<p>CO1: Posses understanding of the perspective of gender and development</p> <p>CO2: Understands the issues related to Women</p> <p>CO3: Has Knowledge of Special Initiatives and Program for Women In India.</p> <p>CO4: Posses Knowledge of Women Protection Laws</p>
Management of organisation	.....	<p>CO1: Understands the overall environment and its impact on the nature, structure and development of the organizations in corporate, public and voluntary, sectors in context of social work profession.</p> <p>CO2: Understand policies and procedures involved in establishing and maintaining human service organization.</p> <p>CO3: Acquired skills to network and participate in the management of resources.</p> <p>CO4: Has Knowledge of Social Services and Welfare Organizations</p>
Human resource and management and HR Development	HAW3G	<p>CO1: Gained knowledge about the Concepts, Principles and strategies of HRD</p> <p>CO2: Understands the strategic role and efficient use of human resources</p> <p>CO3: Acquire the skills of implementing Strategic HR aiming at higher practices.</p>

		CO4: Developed positive employee relationship
Labour Legislations	HAW3C	CO1: Gained basic knowledge concerning labour law CO2: Acquired attitudes in the practice of Labour law CO3: Gained skills required for the practice of Labour law CO4: Has knowledge pertaining to working conditions.
Medical Social Work	HAW3D	CO1: Developed understanding of the patients and their problems CO2: Gained social work skills and intervention in health care settings. CO3: Gained Knowledge of holistic and integrated approach to Medical Social Work practice. CO4: Ability to analyze relation to the Psychological, Socio – cultural & environmental factors in disease
Mental health Social Work	HAW3H	CO1: Acquired knowledge of various treatment approaches CO2: Developed the skill to apply to Mental Health needs of the people CO3: Understands the need for preventive and primitive approaches in mental health. CO4: Ability to apply Social work methods in the promotion of mental health.
Rural Community Development	HAW3F	CO1: Understands the community as a method, its specific approaches and models CO2: Has ability to utilize appropriate approaches and skills to work with communities CO3: Developed sensitivity and commitment towards issues of marginalized and oppressed groups. CO4: Gained knowledge of Administration structures and decision making process in Rural community.
Urban Community Development	HAW3B	CO1: Gained understanding about the urban poor. CO2: Developed sensitivity and commitment for working with the urban poor.

		<p>CO3: Gained knowledge on various developmental needs of Urban poor.</p> <p>CO4: Exposure of students to skills and techniques of working with urban poor.</p>
Development Planning	HAW4B	<p>CO1: Understands development and planning</p> <p>CO2: Students gained understanding of the administrative machinery involved in development.</p> <p>CO3: Possess knowledge on various methods strategies and development.</p> <p>CO4: Understands the role and contribution of professional social worker in the development and Planning.</p>
Industrial Relations and Labor Welfare	HAW4C	<p>CO1: Attained knowledge about trade unions</p> <p>CO2: Has Knowledge functions and activities of trade unions.</p> <p>CO3: Gained knowledge related to Labour welfare</p> <p>CO4: Acquired the skill of working with the workers and unions.</p>
Community Health	HAW4D	<p>CO1: Possess knowledge of the Health Care System in India.</p> <p>CO2: Understands skills in planning and implementation of Community Health programmes.</p> <p>CO3: Have an insight into the existing programmes and services at the local, National and International level.</p> <p>CO4: Gained knowledge on the need for proactive, Preventive and developmental approaches in the field of health.</p>
Psychiatric social work practice	HAW4H	<p>CO1: Developed mental health interventions in special settings.</p> <p>CO2: Understands the approaches in the institutional and non institutional settings.</p> <p>CO3: Can deal with Stigma attached to mental illness prevailing in the society.</p> <p>CO4: Possess need skills and competences for dealing with mental ill patients.</p>
Entrepreneurship Development	HAW4F	<p>CO1: Understands the need of entrepreneurship development in social development.</p> <p>CO2: Got motivated to go for entrepreneurship development</p>

		<p>CO3: Understands the importance of self-employment in present day context</p> <p>CO4: Possess knowledge of various avenues in entrepreneurship development</p>
Organizational Behaviour and Organizational Development	HAW4G	<p>CO1: Gained knowledge of Personal Management and Organizational Behaviour.</p> <p>CO2: Acquired attitudes required for the successful application of personnel management and organizational Behaviour</p> <p>CO3: Developed the skills appropriate to the field practices.</p> <p>CO4: Gained knowledge of Individual and group on Organizational development.</p>
Field work practicum I	HBW11	<p>CO1: Got exposed to wider area of social realities at the micro level</p> <p>CO2: Developed analytical and assessment skills of social problems at the level of individual, group and community.</p> <p>CO3: Acquired documentation skills for professional competence.</p> <p>CO4: Possess needed values and attitudes to work as a professional social worker</p>
Field work practicum II	HAW21	<p>CO1: Got trained to practice social work from an ecological, development and integrated perspective</p> <p>CO2: Gained knowledge related to social work intervention at the individual, group and community level.</p> <p>CO3: Possess skills needed for problem solving in different level.</p> <p>CO4: Trained to apply theory and practice</p>
Field work practicum III	HAW31	<p>CO1: Gained knowledge on group dynamics and power structure in rural community</p> <p>CO2: Understands the process of programme formulation and programme management with local agencies</p> <p>CO3: Got understand with the Labour Legislations</p> <p>CO4: The students practiced the methods of Social Work, particularly, Social Case work and Social Group Work</p>
Field work practicum IV	HAW41	<p>CO1: Ability to understand urban community life pattern – its social, economic, political and cultural aspects.</p>

		<p>CO2: Developed skills in identifying and utilizing urban community resources both governmental and non-governmental agencies</p> <p>CO3: Practically understands the concept of Industrial Relations.</p> <p>CO4: Possess the needed competences in Psychosocial assessment of persons with mental disorders and disabilities</p> <p>CO5: Has ability to apply the methods of Social Work in the management of persons with mental disorders</p>
Research Project	HAWPQ	<p>CO1: Report research findings in written and verbal forms.</p> <p>CO2: Possess knowledge of ethical and critical issues in research</p> <p>CO3: Provide knowledge and skills required to carry out Research</p> <p>CO4: Apply statistical methods in Data analysis</p>
Block Placement / Internship	-----	<p>CO1: Students have an opportunity to have hands-on experience</p> <p>CO2: Acquired knowledge on their professional role as a social worker in different departments where they are placed for block placement</p> <p>CO3: Students got opportunity to get placed in the same institutions where they do their block placement.</p> <p>CO4: Students have certificate for the work done during the block which is an added value later in their carrier</p>