



BISHOP AMBROSE COLLEGE UNDER GRADUATE PROGRAMME

PROGRAMME OUTCOME

PO1	Disciplinary knowledge: Capable to apply the knowledge, principles and fundamentals of their discipline
PO2	Scientific reasoning/ Problem analysis: Ability to critically analyze, categorizes, formulate and solve the problems that emerges.
PO3	Environment and sustainability: Understand the impact of environmental and societal context and strive for sustainable development.
PO4	Ethics: Function effectively with social, cultural and ethical responsibility as an individual or as a team member with positive attitude.
PO5	Cooperation / Team Work: Function effectively as member or leader on multidisciplinary teams to accomplish a common objective.
PO6	Communication Skills: An ability to communicate effectively with diverse types of audience and also able to prepare documents to different groups.
PO7	Self-directed and Life-long Learning: Graduates will recognize the need for self-motivation to engage in lifelong learning to be in par with changing scenario.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

B.A. ENGLISH LITERATURE

PROGRAM SPECIFIC OUTCOMES

PSO 1	To analysis the literary texts, with a critical insight
PSO 2	To impart the critical evaluation on the literary texts
PSO 3	To assess their communicative competency
PSO 4	Understand and analyses the role of a literature student in shaping the course of the society
PSO 5	To comprehend the ethical quality of a literary text
PSO 6	To acquire the ability in understanding the lifelong learning
PSO7	Prove their knowledge and skills in Language and Literature.
PSO 8	Write simple poems, short stories and essays.
PSO 9	Work as a leader and work in a team effectively in the fields related to Language and Literature.
PSO 10	Analyses the impact of literature on society and work for the betterment of the society.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

B.A. ENGLISH LITERATURE

I YEAR- SEMESTER I

PART- II- ENGLISH I

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Understand the various Genres of English Language. |
| CO2 | Enhance the ability to communicate effectively in Speaking and Writing. |
| CO3 | Learn the basics of Grammar and its Composition. |
| CO4 | Familiarize with LSRW (Listening, Speaking, Reading, Writing) Skills. |
| CO5 | Articulate ideas in Class Discussion. |

Credits: 4. Theory periods of 6 hours per week over a semester

CORE I- PROSE I

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Understand the Essayists of the different Ages. |
| CO2 | Analyze the themes of perennial Human interest. |
| CO3 | Identifies Humor, Satire, and Pathos through problems and experiences portrayed by prose writers. |
| CO4 | Identify various Social problems in Society. |
| CO5 | Enriches their Vocabulary and understanding Skills. |

Credits: 3. Theory periods of 5 hours per week over a semester

CORE II- FICTION I

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Understand the field of Fiction. |
| CO2 | Acquire Knowledge about Plot, Setting and Theme of the Novel. |
| CO3 | Analyze different Authors and their Works. |
| CO4 | Understand the theme in deeper Sense. |
| CO5 | Improves their Literary Skills. |

Credits: 3. Theory periods of 5 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED I- SOCIAL HISTORY OF ENGLAND

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Describe the origin of Language and its Development.
CO2	Classify the different Ages like Saxon Period, Middle English Period and Romantic Period.
CO3	Understand the cause and effects of various events in History.
CO4	Comprehend the Social background of England.
CO5	Understand the Scope of English Language through Ages.

Credits: 4. Theory periods of 6 hours per week over a semester

ENVIRONMENTAL STUDIES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the Environmental Issues and its Complexities.
CO2	Help to Solve Environmental Problems.
CO3	Design and Evaluate the Environmental Policies and Concepts.
CO4	Analyze the interactions between Social and Environmental processes.
CO5	Reflect their responsibility and roles in the interconnected World of Environmental Studies.

Credits: 2. Theory periods of 2 hours per week over a semester

I YEAR- SEMESTER II

PART II ENGLISH II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Enhance the ability of Communicative Skill in Writing and through Speech with Practice.
CO2	Reinforce the mechanisms of Grammar, Comprehension and Composition.
CO3	Analyze the difference between various Literary Genres.
CO4	Acquire confidence to use the language effectively.
CO5	Practice Oral Presentation in Learning Vocabulary.

Credits: 4. Theory periods of 6 hours per week over a semester

CORE III- POETRY I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Enhance the Aesthetic Power of Imagination and appreciate the beauty of Poetic Language.
CO2	Understand the common technique underlying traditional forms of Poetry.
CO3	Analyze the Poetic Concepts and movements of different Ages.
CO4	Recognize the Rhythms and other aspects of Poetry.
CO5	Develops their own Skill in Creative Writing and in Composing Poems.

Credit 4. Theory periods of 5 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE IV- DRAMA I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the Ideas of Drama through various Authors and their Works.
CO2	Enhances the relationship between Writer and his Society.
CO3	Improves the proficiency in Learning Literary Characteristics of Drama.
CO4	Analyze play for their Structure and Meaning.
CO5	Comprehend the Social, Cultural, Philosophical and Psychological aspects in a Play.

Credits: 4. Theory periods of 5 hours per week over a semester

ALLIED II- HISTORY OF ENGLISH LITERATURE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Learn about Major Writers and their Works in Chronological Order.
CO2	Understand the Social and Political influence of History in each period.
CO3	Compare the Literature of one period with that of another.
CO4	Discuss how Literature influences the Social and Political History of each period.
CO5	Classify all major Literary Genres.

Credits: 4. Theory periods of 6 hours per week over a semester

VALUE EDUCATION- HUMAN RIGHTS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the Legal Rights of everyone.
CO2	Learns Investigative and analytical Skills.
CO3	Promotes the Implementation of Human Rights.
CO4	Contemporary Issues related to Human Rights.
CO5	Participate in Legal, Political, Social and other debates involving Human Rights.

Credits: 2. Theory periods of 2 hours per week over a semester

II YEAR - SEMESTER III

PART II- ENGLISH III

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Analyze the various elements of Poetry such as Diction, Tone, Genre, Theme
CO2	Identify Genres of writing and modes for a variety of purposes and audiences.
CO3	Enable the learner to communicate effectively in real life situation and create an interest in Literature.
CO4	Improve Comprehension by Researching details of Contemporary or Historical figure.
CO5	Understand the difficulties between spoken and written English.

Credits: 4. Theory periods of 6 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE-V- PROSE II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the significance of Vocabulary choices together create a range of different meaning.
CO2	Enhances students understanding skills.
CO3	Influence the pleasure in Reading.
CO4	Learn about the important authors of English Prose.
CO5	Interpret and appreciate complex texts of different authors.

Credits: 4. Theory periods of 4hours per week over a semester

CORE VI- FICTION II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Instill values and develop Human concern.
CO2	Evaluate various interpretations of a text and their validity through Reading, Writing and discussion.
CO3	Understand the context of literary tradition or Convention.
CO4	Articulate ways in which the text contributes to the understanding of the Self.
CO5	Create awareness on how literature is bound with life.

Credits: 4. Theory periods of 4 hours per week over a semester

ALLIED III- LITERARY FORMS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Explores works of literature classified by its forms.
CO2	Approaches Literary texts in terms of Genre.
CO3	Understand, Identify, Analyze, Interpret and describe the critical ideas values and themes that appear in literary and cultural texts.
CO4	Knows the Strategies of Essays, Poetry, Fiction and Drama.
CO5	Offer Students the Opportunity to discover, think and analyze the literary forms.

Credits: 4 Theory periods of 5 hours per week over a semester

SKILL BASED SUBJECT I- COMMUNICATIVE ENGLISH- PAPER I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the Significance in Oral interaction and Communication.
CO2	Increase Vocabulary through the Study of Word Power.
CO3	Enhance Confidence in their ability to Read, Write, Speak and Listen.
CO4	Students can improve their Spoken Skills and Vocabulary.
CO5	Develops Students Overall Language Competence.

Credits: 3. Theory periods of 3 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

NON MAJOR ELECTIVE I – YOGA FOR HUMAN EXCELLENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|---|
| CO1 | Know about how we can maintain a Good Health. |
| CO2 | Understand the need of practicing Yoga for a healthy and balanced life. |
| CO3 | Identify Different Postures of Yoga. |
| CO4 | Learning Yoga improves mental capacity and physical stamina. |
| CO5 | Enhance positive thinking and learn the importance of a Stress- free Environment. |

Credits: 2. Theory periods of 2 hours per week over a semester

YEAR- II SEMESTER IV

PART II- ENGLISH IV

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Understand various components of Communication through Literary Text. |
| CO2 | Acquire Confidence to use language effectively through Practice. |
| CO3 | Develop the abilities in Grammar and Communication. |
| CO4 | Improve their Speaking ability both in terms of Fluency and Comprehensibility. |
| CO5 | Enhance their Competence in Listening, Speaking, Reading and Writing. |

Credits: 4. Theory periods of 6 hours per week over a semester

CORE VII- POETRY II

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|---|
| CO1 | Improves Verbal Skills and memory. |
| CO2 | Develops Empathy and Insight. |
| CO3 | Amplifies Students Creativity. |
| CO4 | Provide rich and diverse exposure to language. |
| CO5 | Understand the techniques and styles employed by different writers. |

Credits: 4. Theory periods of 5 hours per week over a semester

CORE VIII- DRAMA II

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Analyze play for their structure and meaning. |
| CO2 | Identify Dramatic aspects such as Conflict, Turning points and Characters. |
| CO3 | Promotes an interest in Character Study. |
| CO4 | Able to express their thought and views about a play. |
| CO5 | Ability to write small plays and participating in simple scenes. |

Credits: 4. Theory periods of 5 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED IV- LITERARY CRITICISM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the Literary Criticism of different periods.
CO2	Comprehends Scope of Literary Criticism.
CO3	Gains knowledge about the Criticism and Critics.
CO4	Discuss about the famous critics and their Critical works.
CO5	Demonstrates terms such as Style, Genre in their Historical and Cultural Contexts.

Credits: 4. Theory periods of 5 hours per week over a semester

SKILL BASED SUBJECT II- COMMUNICATIVE ENGLISH- PAPER II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand Standard Grammar, Punctuations and Spellings.
CO2	Improves the ability to Read and Spell Words.
CO3	Improves Oral Communication and learns about the use of new Vocabulary.
CO4	Enhances the effectiveness of Written Communication.
CO5	Enhance Students interest in Communicative tasks and activities.

Credits: 3. Theory periods of 3 hours per week over a semester

NON MAJOR ELECTIVE II- GENERAL AWARENESS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Enriches Students General Knowledge.
CO2	Promote Identification and Segregation through practicing questions.
CO3	Gain Knowledge about the Current Affairs.
CO4	Develops Self- Learning.
CO5	Provides information about Social, Political and Scientific affairs.

Credits: 2. Theory periods of 2 hours per week over a semester

III YEAR - SEMESTER V

CORE IX- SHAKESPEARE I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Tell the life and works of Shakespeare.
CO2	Classify the works of Shakespeare.
CO3	Identify the different characters in Shakespearean plays.
CO4	Create an album of Shakespeare's life and his works.
CO5	Discuss the various themes and concepts portrayed in the prescribed plays.

Credits: 4. Theory periods of 6 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE X- INDIAN WRITING IN ENGLISH

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Relate the various Indian authors and their works. |
| CO2 | Summarize the theme of the prescribed novels. |
| CO3 | Explain Indian author's life and works of prescribed novels. |
| CO4 | Compile the works of Indian authors. |
| CO5 | Discuss the themes and concepts of prescribed poems, novel and short stories. |

Credits: 4. Theory periods of 6 hours per week over a semester

CORE XI- AMERICAN LITERATURE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Tell the Historical and Cultural background of the American literature. |
| CO2 | Summarize the themes of prescribed novels and poems in American literature. |
| CO3 | Identify the authors of American literature. |
| CO4 | Explain the story of the novels and the themes of poetry. |
| CO5 | Create an album about the American literature. |

Credits: 4. Theory periods of 6 hours per week over a semester

CORE XII- COMMONWEALTH LITERATURE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Tell the different types of authors from various countries. |
| CO2 | Classify the authors of various countries like America, Canada, India, and Pakistanetc... |
| CO3 | List the Poems, Drama, Novel and Short stories from the prescribed textbook. |
| CO4 | Compare the various types of authors within the genre of Commonwealth Literature. |
| CO5 | Discuss the life and works of different authors. |

Credits: 4. Theory periods of 5 hours per week over a semester

ELECTIVE I - ENGLISH FOR COMPETITIVE EXAMINATIONS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Spell the various activities like Précis writing, Paragraph writing, Report writing, Reading comprehension and the basics of Grammar. |
| CO2 | Illustrate the communication skills. |
| CO3 | Develop their LSRW (Listening, speaking, Reading and Writing) Skills. |
| CO4 | Take part in LSRW activities enthusiastically. |
| CO5 | Elaborate the basics of different types of reading, writing and the basics of grammar. |

Credits: 4. Theory periods of 4hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED SUBJECT III- COMMUNICATIVE ENGLISH-PAPER III

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define the various Communication Skills.
CO2	Explain the basics of Communication Skills like Accent, Stress and Intonation.
CO3	Develop the speaking, Reading, Writing and Listening skills.
CO4	Create sentences and pronounce the words correctly.
CO5	Discuss the fundamentals of communication skills.

Credits: 3. Theory periods of 3 hours per week over a semester

III YEAR - SEMESTER VI

CORE XIII- SHAKESPEARE -II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	List the works of Shakespeare.
CO2	Explain the various themes portrayed in the prescribed plays.
CO3	Analyze the Sonnets in the Shakespeare plays.
CO4	Compare the Shakespearean characters with other plays.
CO5	Discuss the genres of Shakespearean plays.

Credits: 4. Theory periods of 6 hours per week over a semester

CORE XIV- INTENSIVE STUDY OF AN AUTHOR- TAGORE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Tell about the Life and Works of Tagore.
CO2	Classify the various works of Tagore.
CO3	Summarize the short stories from the prescribed text.
CO4	Explain the summary of plays and novel from the prescribed text.
CO5	Elaborate the works of Tagore.

Credits: 4. Theory periods of 6 hours per week over a semester

CORE XV- INDIAN LITERATURE IN ENGLISH TRANSLATION

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define the Indian works written in Indian languages and translated in English.
CO2	Explain the various genres like Poetry, Drama, and Novel from the prescribed text.
CO3	Identify the Indian authors and their translated works.
CO4	Compare the translation works with other texts.
CO5	Discuss the various translation works.

Credits: 4. Theory periods of 5 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE II- A -COMMUNICATIVE ENGLISH

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	List the various Communicative Skills like Letter Writing, Direct and Indirect Speech, Spelling Errors and Spelling Rules.
CO2	Explain the basics of Letter Writing and rules for rewriting from Direct to Indirect Speech.
CO3	Construct new sentences and words with examples.
CO4	Classify the different types of rules.
CO5	Elaborate the basics of Communication Skills.

Credits: 4. Theory periods of 5 hours per week over a semester

ELECTIVE III- A- INTRODUCTION TO LINGUISTICS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define Linguistics and Phonetics.
CO2	Distinguish between Linguistics and Phonetics.
CO3	Apply the phonetic sounds to the English language.
CO4	Analyze the various branches of Linguistics.
CO5	Develop their knowledge about the different sounds in English language.

Credits: 4. Theory periods of 5 hours per week over a semester

SKILL BASED SUBJECT 4: COMMUNICATIVE ENGLISH PAPER IV

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Recall the fundamentals of Effective Communication.
CO2	Expose them to higher order writing in different situations in life.
CO3	Explain the specified types of Formal Writing.
CO4	Analyze the modes of Formal and Informal writing.
CO5	Adapt the basics, and tones of Writing and Speaking Skills.

Credits: 3. Theory periods of 3 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME | **B.COM - CA(COMPUTER APPLICATION)**

PROGRAM SPECIFIC OUTCOME

PSO1	To understand the principles and concepts of accountancy.
PSO2	To generate the way for thorough knowledge of computer and its operating system.
PSO3	The application of mathematical and statistical tools in commerce, economics and industry.
PSO4	Fundamentals of law relating to company and commercial activities.
PSO5	To enrich the knowledge in banking field



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME | **B.COM –CA(COMPUTER APPLICATION)**

I YEAR- SEMESTER I

CORE I- PRINCIPLES OF ACCOUNTANCY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts and conventions of accounting
CO2	Explain the application of accounts in sole trader, chances of errors and rectification
CO3	Details regarding bills of exchange, Average due date, Account current
CO4	Write up the accounting for consignment and joint ventures.
CO5	Make out Bank Reconciliation Statement
CO6	Write up the Receipts and Payments, Income and Expenditure Account and Balances Sheet.

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE II - INTRODUCTION TO INFORMATION TECHNOLOGY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gain knowledge about the Hardware and Software its components and operating system.
CO2	Acquire knowledge about various kinds of computer system, types of computer networks and various generations of computers
CO3	Write up the elements of computers input, output and storage devices, understanding about steps in developing flowchart
CO4	Ascertain about the operating systems and to know about E-mail, Internet and its uses.
CO5	Clearly understand about the system analysis and design, decision support system and expert system

Credits: 4. Theory Period of 4 hour per week over a Semester

ALLIED PAPER 1-MATHEMATICS FOR BUSINESS

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Define set theory, types of interest and discounting bills.
CO2	Describe matrix concept and linear equations.
CO3	Explain variables, constants, Algebraic functions and derivative functions.
CO4	Define definite and indefinite simple functions
CO5	Describe graphical method by simple solution.

Credits: 4. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE IV: COMPUTER APPLICATION –PRACTICAL-I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Show the various Menus and its operating usage in MS Word.
CO2	Write up MS Excel along with practical usage like preparation of final accounts, student results, rank, simple and compound interest by using Formulae and different types of charts.
CO3	Creation of various slides with different formats with the help of MS PowerPoint
CO4	Formation of payroll for employee and creation of forms and reports by using MS Access
CO5	Preparation of trial balance, profit and loss account and balance sheet by adopting Tally.
CO6	To learn use search engines and visit various websites.

Credit: 1. Practical period of 4 hour per week over a semester

I YEAR- SEMESTER II

CORE III: ADVANCED ACCOUNTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Classification of depreciation and its methods of computation and to understand about various reserves and provisions.
CO2	Understand the Branch accounts and know the hire purchase and installment purchase system.
CO3	Make clear about single entry system, statement of affairs method and conversion method.
CO4	Elucidate the features and computation of partnership accounts- admission, retirement, and death of the partners.
CO5	Narrate partnership accounts regarding dissolution and insolvency of partnership, to clarify about Garner V/S Murray rules.

Credit: 4. Theory period of 7 hour per week over a semester

CORE IV: COMPUTER APPLICATION –PRACTICAL-I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Show the various Menus and its operating usage in MS Word.
CO2	Write up MS Excel along with practical usage like preparation of final accounts, student results, rank, simple and compound interest by using Formulae and different types of charts.
CO3	Creation of various slides with different formats with the help of MS PowerPoint.
CO4	Formation of payroll for employee and creation of forms and reports by using MS Access.
CO5	Preparation of trial balance, profit and loss account and balance sheet by adopting Tally.

Credit: 4. Practical period of 4 hour per week over a semester.



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED PAPER II-STATISTICS FOR BUSINESS

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Define statistics, primary and secondary data, diagrammatic, graphical Presentation
CO2	Describe measures of dispersion, deviation and skewer
CO3	Explain correlation, scatter diagram and co-efficient of correlation
CO4	Define time series, methods of estimating strand, index numbers.
CO5	Explain interpolate on methods and probability

Credits: 4. Theory Period of 5 hour per week over a Semester.

II YEAR- SEMESTER III

CORE V: PRINCIPLES OF MARKETING

COUSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Develop an idea of marketing and its modern concepts
CO2	Understand the modern methods and recent trends in marketing.
CO3	Be able to understand and analyze consumer behavior.
CO4	Understand the marketing function and the mix for the successful marketing activities.
CO5	Be aware of marketing and government loss that assist the marketing procedure.

Credits: 4. Theory Period of 5 hour per week over a Semester

CORE VI – DATABASE MANAGEMENT SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Describe the fundamental elements of relational database management system.
CO2	Explain the basic concepts of Relational data model; E-R models, E-R database design. Relational algebra and SQL.
CO3	Design E-R models to represent simple database application scenarios
CO4	The E-R model to relational tables and Formulas SQL queries in data.
CO5	Improve the database design by normalization. Understand the query processing and techniques involved in query optimization

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE VII: COST ACCOUNTING

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Know about the cost accounting definition meaning & scope to aware the concept, classification and types and methods of cost, preparation of cost sheet etc....
CO2	Explain the material control, economic order quantity and purchase and stores control etc
CO3	Understand and know about the labor turnover, idle time and allocation, absorption.
CO4	Know about the process costing
CO5	Gain knowledge the contract costing, contract costing and reconciliation etc...

Credits: 4. Theory Period of 6 hour per week over a Semester

ALLIED PAPER - III: MANAGERIAL ECONOMICS

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Know the economic theory
CO2	Write up the demand analysis
CO3	Have clear knowledge on production functions
CO4	Illustrate the Pricing Methods and Policies
CO5	Understand the various price theories.

Credits: 4. Theory Period of 5 hour per week over a Semester

SKILL BASED I- COMMERCIAL LAW

COUSE OUTCOMES: On completion of the course, students will be able to

CO1	Understand the law of contract, valid contract and types of contract
CO2	Explain the consideration and law relating to minor, unsound mind, persons disqualified by law.
CO3	Describe the performance of contract and quasi contract
CO4	Remember the contract of indemnity and guarantee
CO5	Discuss about the sale of goods act and law of carriage of goods

Credits: 3. Theory Period of 3 hour per week over a Semester.

II YEAR- SEMESTER IV

CORE IX: MANAGEMENT ACCOUNTING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Have thorough knowledge about management accounting and its basic concepts.
CO2	Know about ratio analysis and working capital management.
CO3	Have an understanding on fund flow and cash flow in business
CO4	Analyze marginal costing and break Even of a company.
CO5	Gain knowledge on budgeting and its types

Credit: 4. Theory Period of 6 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE X: OBJECT ORIENTED PROGRAMME WITH C++

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	The principles of object-oriented problem solving and programming
CO2	Applied the concepts of class's method, constructor, and data abstraction inheritance operator over loading and polymorphism
CO3	Functions with basic data structures using array and list of programs.
CO4	Implementing types of base and derived classes, used inheritance and linked structure used polymorphism techniques.
CO5	Applied advanced C++ topics to application and programs, user can open file, close file and managing Input/ Output operations

Credit: 4. Theory Period of 5 hours per week over a semester.

CORE XI: EXECUTIVE BUSINESS COMMUNICATION

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Define an importance of business communication, need of business letters, it's function and kinds.
CO2	Explain various trade enquiries.
CO3	Write up the Banking, insurance and agency correspondence
CO4	Describe the company secretarial correspondence
CO5	Prepare application letters and business report presentations

Credit: 3. Theory Period of 3 hours per week over a semester.

CORE XII: COMPUTER APPLICATION: ORACLE & C++ PRACTICAL – II

COURSE OUTCOME: To help understand the concepts of Oracle & C++

CO1	Create a company table, employee table and student table with C++ Programs.
CO2	Create a product table, payroll table, book and publisher table, deposit and loan table with C++ Programs
CO3	Calculate the depreciation under straight line and diminishing methods with the help of oops concept in C++.
CO4	Calculate the economic order quantity, simple interest and compound interest with C++ Programs.
CO5	Print the employee's payroll statement, book lift of library
CO6	Prepare net income of a family and calculate merger of safety
CO7	Program for bank transactions, charges of working capital and create the students' file

Credit: 4. Practical periods of 4 hours per week over a semester.



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XIII: BANKING THEORY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know about the origin of banks and banking system, function of modern commercial banks etc....
CO2	Be aware of the recent trends in Indian banking, automated teller machine, customer service, debit card and credit card.
CO3	Understand and know the central bank, function of central banks, credit control and quantitative and selective credit control measures.
CO4	Know about the evolution state bank of India and role of SBI in economic development.
CO5	Gain knowledge on the various function of commercial banks, regional rural banks and place of cooperative banks in Indian banking scene

Credit: 3. Theory periods of 3 hours per week over a semester

ALLIED PAPER IV: PRINCIPLES OF MANAGEMENT

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Understand the concepts related to the Management.
CO2	Analyses the effective of PM knowledge to diagnose.
CO3	Analyses the organization problem and development optimal managerial decisions
CO4	Evaluate the leadership style and isolate issues and formulate best control meth.
CO5	Recognize the role of communication in the management

Credit: 4. Theory of 4 hours per week over a semester

SKILL BASED SUBJECT II: COMPANY LAW

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Be aware of the definition of company, characteristics of company and privilege of private company.
CO2	Gain knowledge on the memorandum of association, articles of association.
CO3	Understand the prospectus and kinds of share & debenture.
CO4	Know about the director and secretary qualification & disqualification and appointment and powers, duties etc.....
CO5	Understand about the meeting and modes winding up

Credit: 3. Theory of 3 hours per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR- SEMESTER V

CORE XIV- PRINCIPLES OF AUDITING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Detail the origin, definition and objectives, understand the types, and discuss the advantages and Limitations of an auditor.
CO2	Explain the effectiveness of internal control system, procedures in internal check, understand the internal audit and vouching.
CO3	Brief about the verifications and valuation of assets and liabilities. Explain about the reserves, Provisions and secret reserves.
CO4	Describe the qualification and disqualification; understand the various modes of appointment of a company auditor.
CO5	Elaborate about investigation, audit of computerized accounts. Illustrate the investigation under the provisions of companies Act.

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE XV: CORPORATE ACCOUNTING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Aim to enlighten the students on accounting procedure followed by the companies.
CO2	Enable the students to be aware on the advanced corporate accounting in conformity with the provision of the companies act.
CO3	It makes to learn the banking and insurance company accounts.
CO4	Develop the knowledge in the field of public company accounts.
CO5	Should have a thorough knowledge on the advance accounting practice prevailing in the corporate

Credits:4. Theory Period of 6 hour per week over a Semester.

CORE XVI- E COMMERCE TECHNOLOGY

COUSE OUTCOMES: On completion of the course, students will be able to

CO1	Elaborate about the e-commerce, classification of electronic commerce ,understand the components of the I way and network access equipment.
CO2	Analyze the electronic data interchange, benefits, explain the EDI legal security, List out the internal information system.
CO3	Brief about the network security and firewalls, understand the client server network security, Explain about the technology behind the web security.
CO4	Remember the consumer oriented electronic commerce and mercantile models.
CO5	Have the knowledge about electronic payment systems and types, understand the smart cards and credit card, Discuss about the EPS and its risks.

Credit: 4. Theory of 5 hours per week over a semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XVII – SOFTWARE DEVELOPMENT WITH VISUAL BASIC

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Upon successful completion of this course students should be able to Describing the difference between consoles programmers, graphical users interface [GUI].
CO2	Using the following GUI components in assignments buttons, labels, text boxes, check Boxes, radio Buttons and list boxes.
CO3	Explaining the role of each of the following typical program components Controls, classes, objects, properties, methods, functions, procedures, forms, modules and projects.
CO4	VB Application developed in the past chances are they were designed to run-on single Computers as monolithic Applications, distributed applications.
CO5	Understand client /server applications that are designed to run the user and business Tiers of the application on the client system.

Credits: 4. Theory Period of 4 hour per week over a Semester.

ELECTIVE I – INCOME TAX LAW & PRACTICE

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Know purpose of Income tax act 1961, Assesses, Assessment year, Previous Year, Exempted Income, Residential Status, Individual Income of Residential Know about the Income Tax Act and its scope.
CO2	Create the knowledge about concepts of salaries and computation of taxable salary including allowances, provident fund, perks, gratuity, pension, value for rent free accommodation
CO3	Ability the compute taxable income from house property.
CO4	Have an understanding on income from business and compute taxable capital gain.
CO5	Gain knowledge about Income Tax Authorities and the procedure of assessment

Credit: 4. Theory Period of 4 hours per week over a semester.

SKILL BASES SUBJECT-III: BANKING AND INSURANCE LAW

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Relationship among the banker and customer.
CO2	The functions of Commercial Banks
CO3	Find out the Negotiable Instrument Act.
CO4	Make out the various types of Insurance.
CO5	Identification of legal dimension of Insurance.
CO6	Get knowledge about IRDA.

Credits: 3. Theory Period of 3 hours per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR- SEMESTER VI

CORE XIX – MANAGEMENT INFORMATION SYSTEM

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Defines and demonstrates the growth, support of MIS and clears about the centralized and decentralized concepts in an organization.
CO2	Ability to understand clearly about the System concepts, types and enhancement.
CO3	Describes overall information system in business and management.
CO4	Analysis on Database management system level and batch processing.
CO5	Acquires knowledge about Financial, Functional, Marketing information Systems and Business Process Outsourcing.

Credit: 4. Theory Period of 4Hours per week over a semester

CORE XX – INTERNET WEB DESIGING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Understand familiar with basics of the internet programming protocols & network provider.
CO2	To acquire knowledge and skills for creation of website considering both client server side programming.
CO3	Implement interactive web-pages using web browser and network. Design a responsive website using HTML documents, table creations; color changing's using images on web pages.
CO4	To link the documents on another web-page and getting input from the various type of documents.
CO5	The students understand about webpage's, link with media files and used frames. It's created separated programs linked on single webpage and Completion of text, media file in single web pages. Then displayed on screen using websites and chosen browser.

Credit: 4. Theory Period for 5 hours per week over a semester

CORE XXI: COMPUTER APPLICATIONS:VISUAL BASIC AND WEB DESIGNING PRACTICAL - III

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Calculate a capital budgeting.
CO2	Creating a advertisement banner using image box control.
CO3	Creation of database using Data control, option button, check box and date picker.
CO4	Calculate a maximum, minimum, reorder and display the inventory control.
CO5	Formation of Break-even analysis using line and chart control.
CO6	Preparation of resume using HTML Tag.
CO7	Creation of customer survey, formatting and alignment of sales letter.
CO8	Preparation of frame and display of multiform document.

Credit: 4. Practical Period of 4 hours per week over a semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE II- BUSINESS FINANCE

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Understand the concepts, scope and functions. Discuss about the contents of modern Finance functions.
CO2	Analyze the financial plan, concepts and objectives. Understand the steps, significance.
CO3	Explain the capitalization and bases of capitalization, remedies for capitalization.
CO4	Remember the capital structure and calculation of individual, composite cost of capital.
CO5	Brief about the sources of finance and lease financing.

Credit: 1. Theory period of 6 hours per week over a semester.

SKILL BASED IV: CYBER LAW

COUSE OUTCOMES: On Completion of the Course Students will be able to

CO1	An introduction about cyber law along with the understanding of various concepts and the role of E-commerce is elaborated.
CO2	The various aspects regarding security the encryption are summarized.
CO3	The evidence role and the legal acts considerably are described.
CO4	The global trends legal frame work for electronic data interchange in India is explained.
CO5	The IT ACT 2000 its details are given where it can be used for practice.

Credits: 3. Theory Period of 3 Hour per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME	BCOM- BACHELOR OF COMMERCE
-----------------------	-----------------------------------

PROGRAMME SPECIFIC OBJECTIVES

PSO1	Demonstrate ability to access, evaluate and utilize information from diverse sources
PSO2	Be Proficient in applying Information Technology in Business
PSO3	Qualify for employment in wide range of occupations.
PSO4	Work competently and productively in groups, exercising inter personal skills



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

BCOM- BACHELOR OF COMMERCE

I YEAR- SEMESTER I

CORE I: PRINCIPLES OF ACCOUNTANCY I

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Understand the fundamentals of book keeping and accounting concepts, Trial balance.
CO2	Illustrate the final account of a sole trade with adjustments.
CO3	Describe about bills of exchange and accommodation of bills.
CO4	Detail about the accounting for consignment and joint ventures.
CO5	Prepare bank reconciliation statements, receipts and payments, income and expenditure

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE II – BUSINESS ORGANISATION AND OFFICE MANAGEMENT

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Understand the nature and types of business organization.
CO2	Develop an idea about the various sources of finance of a business.
CO3	Gain knowledge about the function and trading procedure of stock exchange.
CO4	Analyze the location of the business.
CO5	Know about the usage of equipment's and computers in a business organization.

Credits: 4. Theory Period of 5 hour per week over a Semester

ALLIED PAPER I: AGRICULTURAL ECONOMICS OF INDIA

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Enable the student to learn the importance of agriculture in Indian economy.
CO2	Provide basic knowledge about agriculture labor and mechanization of agriculture.
CO3	Enable the students to learn the basic concept of agriculture marketing and pricing.
CO4	Understand the various financial institutions that provide assistance to agriculturists.
CO5	Have well versed knowledge on the progress of agriculture

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR- SEMESTER II

CORE III: FINANCIAL ACCOUNTING

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the basic concepts of depreciation.
CO2	Be able to develop an idea of investment accounts.
CO3	Be aware of the basic conventions on departmental accounts.
CO4	Develop basic idea of hire purchase and installment accounting.
CO5	Understand the procedure followed in branch of a business organization.

Credits: 4 .Theory Period of 5 hour per week over a Semester

CORE IV: PRINCIPLES OF MARKETING

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Develop an idea of marketing and its modern concepts.
CO2	Understand the modern methods and recent trends in marketing.
CO3	Be able to understand and analyses consumer behavior.
CO4	Understand the marketing function and the mix for the successful marketing activities.
CO5	Be aware of marketing and government loss that assist the marketing procedure.

Credits: 4. Theory Period of 5 hour per week over a Semester

ALLIED PAPER II: ECONOMIC ANALYSIS

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the basic concepts of economics.
CO2	Develop an understanding on the demand and supply of a commodity in economics.
CO3	Be able to gain knowledge on the factors of production and theories assisting them.
CO4	Get an idea of pricing a product.
CO5	Know the concept behind the pricing of factor of production.

Credits: 4. Theory Period of 6 hour per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR- SEMESTER III

CORE V- HIGHER FINANCIAL ACCOUNTING

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Learn about the basics of partnership like introduction, admission, treatment of good will, revaluation etc.
CO2	Aware about treatment of partner, calculation of gaining ratio, revaluation of assets and liability etc.
CO3	Aware about dissolution, insolvency of partner, Garner VS Murray, Piecemeal distribution.
CO4	Awareness about insolvency of individual and firms, fire claims, normal and abnormal loss
CO5	Gain knowledge about voyage account, Human Resource and Inflation Accounting.

Credits: 4. Theory Period of seven hours per week over a Semester

CORE VI: COMMERCIAL LAW

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Be aware of the fundamentals of law relating to business.
CO2	Gain knowledge on the various laws pertaining to commercial activities.
CO3	Develop idea about the persons eligible to enter in to a contract.
CO4	Understand the law governing the principal agency business.
CO5	Have complete knowledge about law on contract of indemnity and guaranty.

Credits: 4. Theory Period of 6 hour per week over a Semester.

CORE VII- PRINCIPLE OF MANAGEMENT

COURSE OUTCOME: On completion of the course, students will be able to

CO1	An acquire the knowledge of management and administration.
CO2	Understanding and apply the importance of planning, organization, motivation, communication, etc..
CO3	Know an organization chart, organization structure, delegation and decentralization, authority relationship line, functional and staff.
CO4	Understanding and apply the motivation determinants of behavior, Maslow's theory of motivation, management of X,Y and Z theory
CO5	Gain knowledge on communication management and techniques of control

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED III: MATHEMATICS FOR BUSINESS

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Enable the students to apply mathematics knowledge to solve problems.
CO2	Know the basic concepts in matrix.
CO3	Enable the student to determine integral calculus.
CO4	Know the linear programming problems and formatting by graphical method Solutions.
CO5	Understand the basic concepts and how to use mathematical techniques to solve the modern problems.

Credits: 4. Theory Period of 6 hour per week over a Semester.

SKILL BASED SUBJECT I : BUSINESS APPLICATION SOFTWARE – I

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the basic concept of MS-Office.
CO2	Be able to gain knowledge on the basic functions to be performed using a computer.
CO3	Know in detail the various areas of MS word and MS Excel.
CO4	Be able to work in a spreadsheet.
CO5	Have a thorough knowledge on the application of MS Word and MS Excel.

Credits: 3. Theory Period of 3hours per week over a Semester.

II YEAR – SEMESTER IV

CORE VIII: CORPORATE ACCOUNTING - I

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the accounting practice in issue and redemption of shares and debentures.
CO2	Be able to prepare final accounts of companies as per the companies act.
CO3	Understand the methods of valuing goodwill.
CO4	Gain thorough knowledge on the accounting procedures followed during the liquidation of companies.
CO5	Have a complete understanding on the accounting practice prevailing in the corporate.

Credits: 4. Theory Period of 5 hour per week over a Semester.

CORE IX- COMPUTER APPLICATION IN BUSINESS

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the development of computers and their components in each stage.
CO2	Develop an idea of software, programming language and operating system.
CO3	Study the concept of developing database and its maintenance using computers
CO4	Analyze the importance of management information system and networking in a business.
CO5	Be aware and perform various activities using computers in day to day life and networking

Credits: 4. Theory Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE X: COMPANY LAW AND SECRETARIAL PRACTICE

COURSE OUTCOME: To know about company law and its scope

CO1	Understand the provisions of company act and formalities for the formation and winding of the company.
CO2	Be aware about the duties, qualification, disqualification, rights and powers of directors.
CO3	Make clear about procedures for winding up of the company and the types of winding up.
CO4	Gain knowledge on the role of company secretary, duties, qualification, and their liabilities in the regular business activities of company.
CO5	Have a better knowledge about the proceedings of company meeting, writing of minutes and drafting of correspondence

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE XI: EXECUTIVE BUSINESS COMMUNICATION

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Develop oral and written business communication skills.
CO2	Be aware of the various modes and forms of communication in business.
CO3	Be able to prepare a resume and apply for jobs and attend interviews.
CO4	Understand and know the modern trend of communication applicable to business.
CO5	Be able to communicate clearly in day-to-day business.

Credits: 3. Theory Period of 3 hour per week over a Semester.

CORE XII: BANKING THEORY

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Develop the knowledge in the field of banking.
CO2	Able to know the E-Banking service.
CO3	Know the function central banks.
CO4	Have thorough knowledge as function of development banking.
CO5	Able to know the function of banks.

Credits: 3. Theory Period of 3 hour per week over a Semester

ALLIED IV: STATISTICS FOR BUSINESS

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Enable the students to learn the statistical method and their application in commerce.
CO2	Clear study the measure of central tendency and dispersion.
CO3	Learn the correlation and regression analysis.
CO4	Study the simple problems based on addition and multiplication theorems.
CO5	Enrich to solve the statistical problems in commerce.

Credits: 4. Theory Period of 6 hour per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED II: COMPUTER APPLICATION PRACTICAL - I

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Understand the practical applications of computer in business.
CO2	Be able to work with MS office.
CO3	Perform efficiently using MS excel.
CO4	Gain complete knowledge on the utilization of computer in day-to-day activities of business.

Credits: 3. Practical Period of 3 hour per week over a Semester

III YEAR – SEMESTER V

CORE XIII: CORPORATE ACCOUNTING - II

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Enlighten the students on accounting procedure followed by the companies.
CO2	Enable the students to be aware on the advanced corporate accounting in conformity with the provision of the companies act.
CO3	Makes to learn the banking and insurance company accounts.
CO4	Develop the knowledge in the field of public company accounts.
CO5	Understand the advance accounting practice prevailing in the corporate.

Credits: 4. Theory Period of 6 hour per week over a Semester.

CORE XIV: BANKING THEORY LAW AND PRACTICE

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Enlighten the students on the recent trends in banking and the regulating provisions.
CO2	Enlighten the students' knowledge on banking relation act.
CO3	Develop the knowledge about the banking instruments.
CO4	Know thorough knowledge regarding commercial banks' lending policies and Practices.
CO5	Should have thorough knowledge on Indian banking system and acts pertaining to it.

Credits: 4. Theory Period of 5 hour per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XV - COST ACCOUNTING

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Make the students understand about basics of cost accounting such as meaning, scope, concept, classification, aid to management , methods of costing etc.
CO2	Make the students learn about material control, Economic Order Quantity, ABC Analysis, store control, method of valuing material issue.
CO3	Make the students understand about system wage payment, idle time, labor turnover, overheads, allocation and absorption of overheads.
CO4	Make the students learn about process accounting, Process loss, wastage, scrap, Normal Process loss, abnormal loss, abnormal gain etc.
CO5	Guide the students about operating costing, contract costing, reconciliation of cost and financial account

Credits: 4. Theory Period of five hour per week over a Semester

CORE XVI: INCOME TAX LAW & PRACTICE

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Know about the Income Tax Act and its scope and computation of residential status of the individual
CO2	Understand the meaning of salaries and computation of taxable salary and computation from house property.
CO3	Know about to compute taxable income from business profession and computation of income from other sources.
CO4	Gain knowledge about computation of taxable capital gain and deductions from gross total income.
CO5	Have knowledge on Income Tax Authorities and the procedure of assessment and computation of tax liability.

Credits: 4. Theory Period of six hour per week over a Semester

ELECTIVE I: BUSINESS FINANCE

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Goal to throw in the light on the importance of finance to business and the proper ways of managing it, scopes, contents of modern finance.
CO2	Ability the student to the financial plan of business finances.
CO3	Learn Capitalization of business and theories of capitalization, causes, remedies.
CO4	Should be well versed in the concept of Capital Structure of business finance and the usage importance of capital structure finance to business.
CO5	Know the students application and various types of sources of finance.

Credits: 4. Theory Period of five hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED SUBJECT III: BUSINESS APPLICATION SOFTWARE - II

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Course aim to expose the students on application of computer in business.
CO2	Enable the students to learn the course of MS office.
CO3	Enable the student to prepare PowerPoint presentation
CO4	Enable to learn the MS Access and how to prepare queries.
CO5	On sure completion of this course, the student should have understand the semester six basic frame work and how to work in MS PowerPoint and MS Access

Credits: 3. Theory Period of three hour per week over a Semester.

III YEAR – SEMESTER VI

CORE XVII: MANAGEMENT ACCOUNTING

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Have thorough knowledge about management accounting and its basic concepts.
CO2	Know about ratio analysis and working capital management.
CO3	Have an understanding on fund flow and cash flow in business.
CO4	Analyze marginal costing and break Even of a company.
CO5	Gain knowledge on budgeting and its types.

Credits: 4. Theory Period of six hour per week over a Semester

CORE XVIII - PRINCIPLES OF AUDITING

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Detail the origin, definition and objectives, understand the types, and discuss the advantages and Limitations of an auditor.
CO2	Explain the effectiveness of internal control system, procedures in internal check, understand the internal audit and vouching.
CO3	Brief about the verifications and valuation of assets and liabilities. Explain about the reserves, Provisions and secret reserves.
CO4	Describe the qualification and disqualification; understand the various modes of appointment of a company auditor.
CO5	Elaborate about investigation, audit of computerized accounts. Illustrate the investigation under the provisions of companies Act.

Credits: 4. Theory Period of five hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XIX - INDIRECT TAXES

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Acquire the knowledge of indirect taxes in India and GST.
CO2	Be acquired with specialty goods and service tax (GST) like SGST, CGST, IGST, UTGST, rate under GST.
CO3	Use of indirect taxes under levy and collection (TNGST/CGST) Act at various levels.
CO4	Understand levy and collection related to interstate supply and intra state supply, input tax credit(ITC), output tax, zero rated supply.
CO5	Understanding and apply the customs law in India customs act 1962, customs duty and exemptions from duty.

Credits: 4. Theory Period of six hour per week over a Semester

ELECTIVE II - ENTREPRENEURIAL DEVELOPMENT

COURSE OUTCOMES: On completion of the course, students will be able to

CO1	Make the students learn about the concept of entrepreneur,
CO2	Make the students aware about treatment of partner, calculation of gaining ratio, revaluation of assets and liability etc.
CO3	Make students aware about dissolution, insolvency of partner, Garner VS Murray, Piecemeal distribution etc..
CO4	Give the students awareness about insolvency of individual and firms, fire claims, normal and abnormal loss etc.
CO5	Make the students gain knowledge about voyage account, Human Resource accounting and Inflation Accounting

Credits: 4. Theory Period of five hour per week over a Semester

SKILL BASED IV: COMPUTER APPLICATIONS PRACTICAL –II

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Ability the students on the practical application of computer in business.
CO2	Work with MS office and Tally.
CO3	Work efficiently in MS PowerPoint, MS access and Tally.
CO4	Apply practical knowledge of the student should be able to work efficiently in Tally.

Credits: 3. Practical Period of three hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME	B.Com PA (PROFESSIONAL ACCOUNTING)
-----------------------	---

PROGRAM SPECIFIC OUTCOME

PSO1	To understand the principles and concepts of accountancy.
PSO2	To generate the way for thorough knowledge of computer and its operating system.
PSO3	The application of mathematical and statistical tools in commerce, economics and industry.
PSO4	Fundamentals of law relating to company and commercial activities.
PSO5	To enrich the knowledge in banking field



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME B.Com PA (PROFESSIONAL ACCOUNTING)

I YEAR- SEMESTER I

CORE I- PRINCIPLES OF ACCOUNTANCY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts and conventions of accounting.
CO2	Explain the application of accounts in sole trader, chances of errors and rectification.
CO3	Details regarding bills of exchange, Average due date, Account current.
CO4	Write up the accounting for consignment and joint ventures.
CO5	Make out Bank Reconciliation Statement.
CO6	Write up the Receipts and Payments, Income and Expenditure Account and Balances Sheet

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE II: INTRODUCTION TO INFORMATION TECHNOLOGY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gain knowledge about the Hardware and Software its components and operating system.
CO2	Acquire knowledge about various kinds of computer system, types of computer networks and various generations of computers.
CO3	Write up the elements of computers input, output and storage devices, understanding about steps in developing flowchart.
CO4	Ascertain about the operating systems and to know about E-mail, Internet and its uses.
CO5	Clearly understand about the system analysis and design, decision support system and expert system.

Credits: 4. Theory Period of 4 hour per week over a Semester

ALLIED PAPER 1-MATHEMATICS FOR BUSINESS

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Define set theory, types of interest and discounting bills.
CO2	Describe matrix concept and linear equations.
CO3	Explain variables, constants, Algebraic functions and derivative functions.
CO4	Define definite and indefinite simple functions.
CO5	Describe graphical method by simple solution.

Credits: 4. Theory Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE IV A: COMPUTER APPLICATION –PRACTICAL-I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Show the various Menus and its operating usage in MS Word.
CO2	Write up MS Excel along with practical usage like preparation of final accounts, student results, rank, simple and compound interest by using Formulae and different types of charts.
CO3	Creation of various slides with different formats with the help of MS PowerPoint.
CO4	Formation of payroll for employee and creation of forms and reports by using MS Access.
CO5	Preparation of trial balance, profit and loss account and balance sheet by adopting Tally.
CO6	Learn use search engines and visit various websites.

Credit: 4. Theory Period of 4 hour per week over a Semester

I YEAR- SEMESTER II

CORE III: MERCANTILE LAW

COURSE OUTCOME: On completion of the course, students will be able to

CO1	Be aware of the fundamentals of law relating to business.
CO2	Gain knowledge on the various laws pertaining to commercial activities.
CO3	Develop idea about the persons eligible to enter in to a contract.
CO4	Understand the law governing the principal agency business.
CO5	Have complete knowledge about law on contract of indemnity and guaranty.

Credits: 4. Theory Period of 7 hour per week over a Semester

CORE IV B: COMPUTER APPLICATION –PRACTICAL-I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Show the various Menus and its operating usage in MS Word.
CO2	Write up MS Excel along with practical usage like preparation of final accounts, student results, rank, simple and compound interest by using Formulae and different types of charts.
CO3	Creation of various slides with different formats with the help of MS PowerPoint.
CO4	Formation of payroll for employee and creation of forms and reports by using MS Access.
CO5	Preparation of trial balance, profit and loss account and balance sheet by adopting Tally.
CO6	Learn use search engines and visit various websites.

Credit: 4. Theory Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED PAPER II: STATISTICS FOR BUSINESS

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Define statistics, primary and secondary data, diagrammatic, graphical Presentation.
CO2	Describe measures of dispersion, deviation and skewers.
CO3	Explain correlation, scatter diagram and co-efficient of correlation.
CO4	Define time series, methods of estimating strand, index numbers.
CO5	Explain interpolation methods and probability

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME | **B.Sc. CS - BACHULAR OF COMPUTER SCIENCE**

PROGRAMME SPECIFIC OUTCOME

PSO1	Apply the knowledge of Computer Science in the domain of Programming
PSO2	Solve the complex problems in the field of Computer Science with an understanding of the societal, legal and cultural impacts of the solution.
PSO3	Foundation of mathematical concepts- Ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm.
PSO4	Form a part of member in a team with right attitudes



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME | **B.Sc. CS-BACHULAR OF COMPUTER SCIENCE**

I YEAR- SEMESTER I

CORE 1: COMPUTING FUNDAMENTALS AND C PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge to Design an algorithm and draw flowcharts
CO2	Attain knowledge about the fundamentals of programming.
CO3	Trained skill to solve problems through programming environment for simple applications.
CO4	Understand the use of Arrays, functions, pointers, structures and unions.
CO5	Gain knowledge about the basics of file handling mechanism

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE 2: DIGITAL FUNDAMENTALS AND COMPUTER ARCHITECTURE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge on the Binary logic, the use of number system and data representation.
CO2	Understanding Boolean algebra and its significance in digital computer operations.
CO3	Familiarity to design efficient combinational and sequential logic circuits.
CO4	Comprehend the various types of memory and their applications.
CO5	Master the basic hardware of a digital computer and its workings

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE LAB 1: PROGRAMMING LAB – C

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design and develop programs that demonstrate effective use of C features.
CO2	Trace and execute the programs written in C language.
CO3	Develop programs using the basic elements like decision and control statements, Arrays and Strings.
CO4	Gain knowledge to know about the code reusability with the help of user defined functions and pointers.
CO5	Apply programming constructs to develop simple applications using files.

Credits: 4. Practical Period of 3hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 1: MATHEMATICAL STRUCTURES FOR COMPUTER SCIENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|--|
| CO1 | Work with Matrices and construct coefficient Matrix. |
| CO2 | Formulate problems in sets and apply set operations. |
| CO3 | Construct numerical solutions of nonlinear equations. |
| CO4 | Formulate numerical interpolation and approximation of functions |
| CO5 | Apply numerical integration using various rules |

Credits: 4. Theory Period of 5 hour per week over a Semester

I YEAR – SEMESTER II

CORE 3: C++ PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|--|
| CO1 | Apply object-oriented principles for problem solving |
| CO2 | Design programs with classes and objects. |
| CO3 | Adopt polymorphism mechanism. |
| CO4 | Attain reusability through Inheritance. |
| CO5 | Explore the ease of C++ Programming |

Credits: 4. Theory Period of 5 hour per week over a Semester

CORE LAB 2: PROGRAMMING LAB – C++

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Develop application software |
| CO2 | Achieve reusability through Inheritance |
| CO3 | Utilize the salient features of C++ |
| CO4 | Handle and manage files |
| CO5 | Apply OOP concepts wherever applicable |

Credits: 4. Practical Period of 4 hours per week over a Semester

CORE LAB 3: INTERNET BASICS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|-----------------------------|
| CO1 | Create a new mail Id. |
| CO2 | Attach mail to a mail Id. |
| CO3 | Apply in a job Portal. |
| CO4 | Search for new Information. |
| CO5 | Compose some messages. |

Credits: 2. Practical Period of 2 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 2: DISCRETE MATHEMATICS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Determine the truth value of compound statements. |
| CO2 | Write statements of English in Symbolic form and vice versa. |
| CO3 | Test the validity of a given statement formula using Tautology. |
| CO4 | Apply the concept of lattice in Boolean Algebra. |
| CO5 | Construct Hassel diagram for a given set with relation. |

Credits: 4. Theory Period of 5 hour per week over a Semester

II YEAR – SEMESTER III

CORE 4: DATA STRUCTURES

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|---|
| CO1 | Analyzing the complexity of algorithms. |
| CO2 | Applying linear and non- linear data structures to simple applications. |
| CO3 | Application of appropriate sorting, searching and indexing techniques where required. |
| CO4 | Ability to choose the appropriate file structures and access methods in real time applications. |
| CO5 | Formulate new solutions for programming problems |

Credits: 4. Theory Period of 6 Hour per week over a Semester

CORE 5: JAVA PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|--|
| CO1 | Apply the salient features of Java programming. |
| CO2 | Identify classes, objects, members of a class and relationship among them to solve a Problem |
| CO3 | Develop client-side programming using Applet and AWT. |
| CO4 | Implement packages to solve the complex problems and applying exceptional handling mechanisms. |
| CO5 | Recall the principles and practice of object-oriented concepts in the construction of robust, maintainable programs. |

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 4: PROGRAMMING LAB – JAVA

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|------------|--|
| CO1 | Develop Java applications using OOP concepts with appropriate program structure. |
| CO2 | Demonstrate the concepts of polymorphism and inheritance. |
| CO3 | Use and create packages and interfaces in a Java program. |
| CO4 | Implement exception handling mechanisms during software development. |
| CO5 | Design and develop an applet program. |

Credits: 4. Practical Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 3: COMPUTER BASED OPTIMIZATION TECHNIQUES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the mathematical tools needed to solve optimization problems
CO2	Find optimum solutions for transportation problems.
CO3	Apply assignment algorithm to solve travelling salesman problems.
CO4	Construct Mathematical models for the real-time situations.
CO5	Apply optimum sequence algorithm for smooth functioning of an industry.

Credits: 4. Theory Period of 6 hour per week over a Semester

SKILL BASED 1: SOFTWARE ENGINEERING AND SOFTWARE PROJECT MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire strong fundamental knowledge in software engineering.
CO2	Ability to apply software engineering principles, techniques, tools and practices.
CO3	Effectively demonstrate competence in communication, planning, analysis, design, construction, testing and deployment.
CO4	Adapt to new emerging technologies and methodologies.
CO5	Cope up with software quality standards.

Credits: 3. Theory Period of 5 hour per week over a Semester

II YEAR – SEMESTER IV

CORE 6: SYSTEM SOFTWARE AND OPERATING SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand SIC architecture features of utility s/w such as compiler, loader and linker.
CO2	Understand machine dependent compiler features and machine independent compiler features.
CO3	Identify the process states, process state transition and interrupt processing.
CO4	Illustrate the concepts of storage management strategies for partition in multi programming.
CO5	Apply various process scheduling algorithms for process management and Analyze disk performance optimization along with file and data base systems

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE 7: LINUX AND SHELL PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know the basics structure of Linux operating system and its function
CO2	Handle file and directory commands in Linux and manage files and directories
CO3	Know about various text editors and filter, redirection commands
CO4	Learn securing files and file access permissions and obtain knowledge about local global variable
CO5	Transform a problem into programming using following constructs if, Self and while, until, for construct

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 5: LINUX AND SHELL PROGRAMMING LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Learning operating system and Linux
CO2	Describe Directory and File commands in Linux.
CO3	Learn the important Linux Library functions and system calls.
CO4	Explains security files in Linux with access permissions.
CO5	Usage of conditional execution in shell scripts.

Credits: 4. Practical Period of 6 hour per week over a Semester

ALLIED 4: BUSINESS ACCOUNTING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Conceptually define accounting and bookkeeping
CO2	Identify the accounting rules required for business enterprises
CO3	Apply the accounting rules in determining financial results, prepare financial statements, and compare the specificity of different accounts within the accounting policies
CO4	Understands the basics of accounting principles and journalizing.
CO5	Prepare trading, profit and loss account and balance sheet with simple adjustments.
CO6	Prepare cost sheet with simple adjustments & Knows Planning for Budgetary Control.

Credits: 4. Theory Period of 6 hour per week over a Semester

SKILL BASED 2 (LAB): SOFTWARE PROJECT MANAGEMENT- LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Manage projects effectively.
CO2	Evaluate software projects strategically and technically.
CO3	Carryout estimates, manage risks, develop and execute plans.
CO4	Monitor cost and projects.
CO5	Manage people and emphasize quality standards.

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR - SEMESTER VI

CORE 8: RDBMS & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Become familiar with the database management systems.
CO2	Understand the functional dependencies and design of the relational database.
CO3	Master the basics of SQL and construct queries using SQL.
CO4	Design a relational database schema using SQL for a given problem-domain.
CO5	Understand the concept of concurrency control of database processing

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE 9: VISUAL BASIC

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design, create, build, and debug Visual Basic applications using various controls.
CO2	Explore Mouse events, Menus and Dialog boxes.
CO3	Understanding ODBC and Data access object concepts.
CO4	Know about OLE fundamentals and file system controls.
CO5	Demonstrate various additional controls and know about crystal and data reports

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 6: PROGRAMMING LAB – VB & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify Structure Query Language statements used in creation and manipulation of Database.
CO2	Develop and evaluate a real relational database application.
CO3	Create and maintain tables using PL/SQL.
CO4	Solve Query for a given relational database.
CO5	Learn the concept of generating suitable reports.
CO6	Write and apply decision structures for determining different operations.
CO7	Know about List box and combo box functions.
CO8	Write and apply procedures, sub-procedures, and functions to create applications.
CO9	Demonstrate common dialog control and Menu driven program.
CO10	Develop a Database connection between Visual basic and oracle

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE 1: COMPUTER NETWORKS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Discuss the basic rudiments of networking concepts.
CO2	Analyze in detail and understood the basic idea of different protocol.
CO3	Analyze routing, packet switching and routing algorithms concepts.
CO4	Recognize the services of connectionless and connection-oriented protocols.
CO5	Assess the internet domains and its services.

Credits: 4. Theory Period of 6 hour per week over a Semester

SKILL BASED 3: SOFTWARE TESTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gain knowledge to test various processes and continuous quality improvement
CO2	Handle types of errors and fault models
CO3	Understand input space modeling using combinatorial design
CO4	Students possess skill test to use various test tools to trace control flow, data flow and program mutations.
CO5	Students are trained to use software testing techniques in commercial environments.

Credits: 3. Theory Period of 6 hour per week over a Semester

III YEAR- SEMESTER VI

CORE 10: GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify the types of Graphics monitor, workstations, input devices and input techniques available to work with graphics.
CO2	Recognize the mathematical and heuristic algorithms behind the graphics object generation.
CO3	Familiarize the attributes of control the object shape and initializing techniques for the accurate display.
CO4	Comprehend the forms of 2D transformations, mapping process from word view to display and clipping process to select the visible portion, Construct the algorithms for 3D objects processing and familiarize 3D scene handling based on view plane direction.
CO5	Recall the multimedia technologies and components.

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE 11: PROJECT WORK LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Understand the need of developing software. |
| CO2 | Learn basics of the decided computer language. |
| CO3 | Study the environment. |
| CO4 | Design the database and front end. |
| CO5 | Testing and Implementation of developed software |

Credits: 8. Practical Period of 6 hour per week over a Semester

CORE LAB 7: PROGRAMMING LAB – GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Construct basic shapes using algorithms. |
| CO2 | Realize the concepts of Multimedia Systems and apply editing tools for images. |
| CO3 | Design and implement an animation for various themes. |
| CO4 | Create multimedia advertisement. |
| CO5 | Compose audio with effects |

Credits: 4. Practical Period of 6 hour per week over a Semester

ELECTIVE II: WEB TECHNOLOGY

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Knowledge on basic controls to develop web pages |
| CO2 | Employing skills on session concepts in web page designing |
| CO3 | Ability to select and apply appropriate validation controls in designing interactive web pages |
| CO4 | Clarity in combining multiple rich text controls in web page design. |
| CO5 | Apply ADO.Net concepts to connect to the backend database for processing |

Credits: 4. Theory Period of 5 hour per week over a Semester

ELECTIVE III: OPEN SOURCE SOFTWARE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Apply the principles of Open-source software. |
| CO2 | Design real time applications using Open source. |
| CO3 | Develop skill sets in Open-source tools. |
| CO4 | Able to apply the concepts of Open source in solving problems. |
| CO5 | Ability to build and modify free and open-source software packages |

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED 4 (LAB) - SOFTWARE TESTING LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define the characteristics of testing and software development life cycle models.
CO2	Recognize the facts of software development models to adopt with product characteristics.
CO3	Understand different types of testing, their objectives and challenges.
CO4	Interpret the software products to execute and report test cases.
CO5	Apply software testing methods and to perform various types of testing in a software project

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMM NAME

B.SC -IT (INFORMATION TECHNOLOGY)

PROGRAMME SPECIFIC OUTCOME

PSO1	Apply the knowledge of Computer Science in the domain of Programming
PSO2	Solve the complex problems in the field of Computer Science with an understanding of the societal, legal and cultural impacts of the solution.
PSO3	Foundation of mathematical concepts- Ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm.
PSO4	Form a part of member in a team with right attitudes



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMM NAME

B.SC -IT (INFORMATION TECHNOLOGY)

I YEAR- SEMESTER I

CORE 1: COMPUTING FUNDAMENTALS AND C PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge to Design an algorithm and draw flowcharts
CO2	Attain knowledge about the fundamentals of programming.
CO3	Trained skill to solve problems through programming environment for simple applications.
CO4	Understand the use of Arrays, functions, pointers, structures and unions.
CO5	Gain knowledge about the basics of file handling mechanism.

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE 2: DIGITAL FUNDAMENTALS AND COMPUTER ARCHITECTURE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge on the Binary logic, the use of number system and data representation.
CO2	Understanding Boolean algebra and its significance in digital computer operations.
CO3	Familiarity to design efficient combinational and sequential logic circuits.
CO4	Comprehend the various types of memory and their applications.
CO5	Master the basic hardware of a digital computer and its workings

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE LAB 1: PROGRAMMING LAB – C

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design and develop programs that demonstrate effective use of C features.
CO2	Trace and execute the programs written in C language.
CO3	Develop programs using the basic elements like decision and control statements, Strings.
CO4	Gain knowledge to know about the code reusability with the help of user defined functions and pointers.
CO5	Apply programming constructs to develop simple applications using files.

Credits: 4. Practical Period of 3 hour per week over a Semester

ALLIED 1: MATHEMATICAL STRUCTURES FOR COMPUTER SCIENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Work with Matrices and construct coefficient Matrix.
CO2	Formulate problems in sets and apply set operations.
CO3	Construct numerical solutions of nonlinear equations.
CO4	Formulate numerical interpolation and approximation of functions
CO5	Apply numerical integration using various rules

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR – SEMESTER II

CORE 3: C++ PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Apply object-oriented principles for problem solving |
| CO2 | Design programs with classes and objects. |
| CO3 | Adopt polymorphism mechanism. |
| CO4 | Attain reusability through Inheritance. |
| CO5 | Explore the ease of C++ Programming |

Credits: 4. Theory Period of 5 hour per week over a Semester

CORE LAB 2: PROGRAMMING LAB – C++

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|---|
| CO1 | Develop application software |
| CO2 | Achieve reusability through Inheritance |
| CO3 | Utilize the salient features of C++ |
| CO4 | Handle and manage files |
| CO5 | Apply OOP concepts wherever applicable |

Credits: 4. Practical Period of 4 hour per week over a Semester

CORE LAB 3: INTERNET BASICS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|-----------------------------|
| CO1 | Create a new mail Id. |
| CO2 | Attach mail to a mail Id. |
| CO3 | Apply in a job Portal. |
| CO4 | Search for new Information. |
| CO5 | Compose some messages. |

Credits: 2. Practical Period of 2 hour per week over a Semester

ALLIED 2: DISCRETE MATHEMATICS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|---|
| CO1 | Determine the truth value of compound statements. |
| CO2 | Write statements of English in Symbolic form and vice versa. |
| CO3 | Test the validity of a given statement formula using Tautology. |
| CO4 | Apply the concept of lattice in Boolean Algebra. |
| CO5 | Construct Hassel diagram for a given set with relation. |

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR - SEMESTER III

CORE 4: DATA STRUCTURES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Analyzing the complexity of algorithms.
CO2	Applying linear and non- linear data structures to simple applications.
CO3	Application of appropriate sorting, searching and indexing techniques where required.
CO4	Ability to choose the appropriate file structures and access methods in real time applications.
CO5	Formulate new solutions for programming problems

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE 5: JAVA PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Apply the salient features of Java programming.
CO2	Identify classes, objects, members of a class and relationship among them to solve a specific problem.
CO3	Develop client-side programming using Applet and AWT.
CO4	Implement packages to solve the complex problems and applying exceptional handling mechanisms.
CO5	Recall the principles and practice of object-oriented concepts in the construction of robust, maintainable programs.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 4: PROGRAMMING LAB – JAVA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Develop Java applications using OOP concepts with appropriate program structure.
CO2	Demonstrate the concepts of polymorphism and inheritance.
CO3	Use and create packages and interfaces in a Java program.
CO4	Implement exception handling mechanisms during software development.
CO5	Design and develop an applet program.

Credits: 4. Practical Period of 5 hour per week over a Semester

ALLIED 3: MICROPROCESSOR & ALP

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic principles of digital electronics and microprocessors.
CO2	Discussion on the design of Multiplexers and Flip-Flops.
CO3	Outline the Microprocessor instruction set and Architecture.
CO4	Identify and explain the need for advance microprocessors.
CO5	Develop to take up the challenges in building useful microprocessor-based applications

Credits:4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED 1 - INTRODUCTION TO WEB DESIGN & APPLICATIONS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Describe the web-browser-based technology in business information system.
CO2	Design and apply html to create a mark-up language for web browser-based technology.
CO3	Identify concepts related to connecting resources with links, CSS, DTD.
CO4	Design and apply xml to create a mark-up language for data and document centric application.
CO5	Develop well-formed web browser based documents utilizing xml.

Credits: 3. Theory Period of 5 hour per week over a Semester

II YEAR – SEMESTER IV

CORE 6: SYSTEM SOFTWARE AND OPERATING SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand SIC architecture features of utility s\w such as compiler, loader and linker.
CO2	Understand machine dependent compiler features and machine independent compiler features.
CO3	Identify the process states, process state transition and interrupt processing.
CO4	Illustrate the concepts of storage management strategies for partition in multi programming.
CO5	Apply various process scheduling algorithms for process management and Analyze disk performance optimization along with file and data base systems.

Credits: 4. Theory Period of 6 Hour per week over a Semester

CORE 7: LINUX AND SHELL PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know the basics structure of Linux operating system and its functions.
CO2	Handle file and directory commands in Linux and manage files and directories.
CO3	Know about various text editors and filter, redirection commands. To locate files in Linux
CO4	Learn securing files and file access permissions. And obtain knowledge about local, global.
CO5	Transform a problem into programming using following constructs if, elf and while, until, for construct.

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE LAB 5: LINUX AND SHELL PROGRAMMING LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Learning operating system and Linux
CO2	Describe Directory and File commands in Linux.
CO3	Learn the important Linux Library functions and system calls.
CO4	Explains security files in Linux with access permissions.
CO5	Usage of conditional execution in shell scripts.

Credits: 4. Practical Period of 6 hour per week over a Semester

ALLIED IV: MASTERING LAN AND TROUBLE SHOOTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the fundamental hardware components that make up a computer's hardware and the role of each of these components.
CO2	Identify the peripheral devices outside computer. Uses computer using input devices, such as keyboard and mouse. Transfers data outside the computer using output devices, such as screen and printer. Saves files to removable devices and loads files from removable devices. Connects to the Internet using network cards.
CO3	Identify and define components on motherboard, their concepts and working.
CO4	Perform routine maintenance, upgrades of virus definitions, set schedules etc. Manage data backup & restore operations.
CO5	Identify existing configuration of the computer and peripherals and to troubleshoot common problems for the peripherals components

Credits:4. Theory Period of 6 hour per week over a Semester

SKILL BASED 2 (LAB): HTML, XML AND JAVASCRIPT LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know variable naming rules and JavaScript data types.
CO2	Demonstrate usage of pattern matching with regular expressions.
CO3	Know how to get input and output and managing web page styles using JavaScript and CSS.
CO4	Demonstrate object and arrays usage.
CO5	Demonstrate handling web page events.

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR – SEMESTER V

CORE 8: RDBMS & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Become familiar with the database management systems.
CO2	Understand the functional dependencies and design of the relational database.
CO3	Master the basics of SQL and construct queries using SQL.
CO4	Design a relational database schema using SQL for a given problem-domain.
CO5	Understand the concept of concurrency control of database processing

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE 9: VISUAL BASIC

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design, create, build, and debug Visual Basic applications using various controls.
CO2	Explore Mouse events, Menus and Dialog boxes.
CO3	Understanding ODBC and Data access object concepts.
CO4	Know about OLE fundamentals and file system controls.
CO5	Demonstrate various additional controls and know about crystal and data reports.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 6: PROGRAMMING LAB – VB & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify Structure Query Language statements used in creation and manipulation of Database.
CO2	Develop and evaluate a real relational database application.
CO3	Create and maintain tables using PL/SQL.
CO4	Solve Query for a given relational database.
CO5	Learn the concept of generating suitable reports.
CO6	Write and apply decision structures for determining different operations.
CO7	Know about List box and combo box functions.
CO8	Write and apply procedures, sub-procedures, and functions to create applications.
CO9	Demonstrate common dialog control and Menu driven program.
CO10	Develop a Database connection between Visual basic and oracle.

Credits: 4. Practical Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE 1: ANIMATION TECHNIQUES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Create animated sequence from the development of the original concept through design to final film or video production.
CO2	Integrate the concepts, principles and theories involved in the physics of animation in all aspects of drawing.
CO3	Create 2D and 3D characters and environments that reflect the integration of graphic clarity, design principles, performance principles and theoretical constructs.
CO4	Design layouts and backgrounds that incorporate principles of composition, perspective and color, with speed, accuracy and dexterity, using a variety of media.
CO5	Refine personal narrative voice that holistically integrates the elements of storytelling and performance in order to actively engage the audience.

Credits: 4.Theory Period of 6 hour per week over a Semester

SKILL BASED 3: DOT NET PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define the basic concepts of .NET framework.
CO2	Understand the general programming structure of C# in developing software solutions based on user requirements
CO3	Apply console-based applications using C#.
CO4	Examine the background process with the help of windows application.
CO5	Illustrate the concepts of database access.

Credits: 3.Theory Period of 6 hour per week over a Semester

III YEAR – SEMESTER VI

CORE 10: GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify the types of Graphics monitor, workstations, input devices and input techniques available to work with graphics.
CO2	Recognize the mathematical and heuristic algorithms behind the graphics object generation.
CO3	Familiarize the attributes of control the object shape and initializing techniques for the accurate display.
CO4	Comprehend the forms of 2D transformations, mapping process from word view to display and clipping process to select the visible portion, Construct the algorithms for 3D objects processing and familiarize 3D scene handling based on view plane direction.
CO5	Recall the multimedia technologies and components.

Credits: 4.Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE 11: PROJECT WORK LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the need of developing a software.
CO2	Learn basics of the decided computer language.
CO3	Study the environment.
CO4	Design the database and front end.
CO5	Testing and Implementation of developed software

Credits: 8. Practical Period of 5 hour per week over a Semester

CORE LAB VII: PROGRAMMING LAB – GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Construct basic shapes using algorithms.
CO2	Realize the concepts of Multimedia Systems and apply editing tools for images.
CO3	Design and implement an animation for various themes.
CO4	Create multimedia advertisement.
CO5	Compose audio with effects.

Credits: 4. Practical Period of 6 hour per week over a Semester

ELECTIVE II: NETWORK SECURITY AND ADMINISTRATION

COURSE OUTCOME :On Completion of the Course Students will be able to

CO1	Understand & identify the basic Concepts of Attacks on Computers and computer Security.
CO2	Demonstrate the Concepts of Symmetric Key Algorithms & AES.
CO3	Extend Knowledge on Digital Certificate and public key Infrastructure and list of protocols.
CO4	Gain Knowledge on User authentication and Kerberos.
CO5	Explore the Concept of Network Security firewalls & VPN.

Credits: 4. Theory Period of 5 hour per week over a Semester

ELECTIVE III: E-COMMERCE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Explain the components and roles of the Electronic Commerce environment.
CO2	Analyze the impact of E-commerce business models and internet technologies.
CO3	Illustrate the current challenges and security issues in e-commerce.
CO4	Understand Web marketing approaches and elements of branding.
CO5	Enumerate the major types of social networks, auctions and portals

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED 4 (LAB): DOT NET LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Describe the web-browser-based technology in business information system.
CO2	Design and apply html to create a mark-up language for web browser-based technology.
CO3	Identify concepts related to connecting resources with links, CSS,DTD.
CO4	Design and apply xml to create a mark-up language for data and document centric app.
CO5	Develop well-formed web browser-based documents utilizing xml.

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME **BCA- BACHULAR OF COMPUTER APPLICATION**

PROGRAMME SPECIFIC OUTCOME

PSO 1	Apply the knowledge of Computer Applications in the domain of Banking, Insurance, Health, Robotics, Environment and Biology
PSO 2	Solve the complex problems in the field of Computer Applications with an understanding of the societal, legal and cultural impacts of the solution.
PSO 3	Understand, analyze and develop business applications for efficient design of computer-based systems of varying complexity.
PSO 4	Form a part of member in a team with right attitudes



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME **BCA - BACHULAR OF COMPUTER APPLICATION**

I YEAR – SEMESTER I

CORE 1: COMPUTING FUNDAMENTALS AND C PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge to Design an algorithm and draw flowcharts
CO2	Attain knowledge about the fundamentals of programming.
CO3	Trained skill to solve problems through programming environment for simple applications.
CO4	Understand the use of Arrays, functions, pointers, structures and unions.
CO5	Gain knowledge about the basics of file handling mechanism

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE 2: DIGITAL FUNDAMENTALS AND COMPUTER ARCHITECTURE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge on the Binary logic, the use of number system and data representation.
CO2	Understanding Boolean algebra and its significance in digital computer operations.
CO3	Familiarity to design efficient combinational and sequential logic circuits.
CO4	Comprehend the various types of memory and their applications.
CO5	Master the basic hardware of a digital computer and its workings

Credits: 4.Theory Period of 4 hour per week over a Semester

CORE LAB 1: PROGRAMMING LAB – C

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design and develop programs that demonstrate effective use of C features.
CO2	Trace and execute the programs written in C language.
CO3	Develop programs using the basic elements like decision and control statements, Arrays and Strings.
CO4	Gain knowledge to know about the code reusability with the help of user defined functions and pointers.
CO5	Apply programming constructs to develop simple applications using files.

Credits:4. Practical Period of 3 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 1: MATHEMATICAL STRUCTURES FOR COMPUTER SCIENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Work with Matrices and construct coefficient Matrix. |
| CO2 | Formulate problems in sets and apply set operations. |
| CO3 | Construct numerical solutions of nonlinear equations. |
| CO4 | Formulate numerical interpolation and approximation of functions |
| CO5 | Apply numerical integration using various rules |

Credits: 4. Theory Period of 5 hour per week over a Semester

I YEAR – SEMESTER II

CORE 3: C++ PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|--|
| CO1 | Apply object-oriented principles for problem solving |
| CO2 | Design programs with classes and objects. |
| CO3 | Adopt polymorphism mechanism. |
| CO4 | Attain reusability through Inheritance. |
| CO5 | Explore the ease of C++ Programming |

Credits: 4. Theory Period of 5 hour per week over a Semester

CORE LAB 2: PROGRAMMING LAB – C++

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|---|
| CO1 | Develop application software |
| CO2 | Achieve reusability through Inheritance |
| CO3 | Utilize the salient features of C++ |
| CO4 | Handle and manage files |
| CO5 | Apply OOP concepts wherever applicable |

Credits: 4. Practical Period of 4 hour per week over a Semester

CORE LAB 3: INTERNET BASICS

COURSE OUTCOME: On Completion of the Course Students will be able to

- | | |
|-----|-----------------------------|
| CO1 | Create a new mail Id. |
| CO2 | Attach mail to a mail Id. |
| CO3 | Apply in a job Portal. |
| CO4 | Search for new Information. |
| CO5 | Compose some messages. |

Credits: 2. Practical Period of 2 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 2: DISCRETE MATHEMATICS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Determine the truth value of compound statements.
CO2	Write statements of English in Symbolic form and vice versa.
CO3	Test the validity of a given statement formula using Tautology.
CO4	Apply the concept of lattice in Boolean Algebra.
CO5	Construct Hassel diagram for a given set with relation.

Credits: 4 Theory Period of 5 hour per week over a Semester

II YEAR - SEMESTER III

CORE 4: DATA STRUCTURES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Analyzing the complexity of algorithms.
CO2	Applying linear and non- linear data structures to simple applications.
CO3	Application of appropriate sorting, searching and indexing techniques where required.
CO4	Ability to choose the appropriate file structures and access methods in real time application
CO5	Formulate new solutions for programming problems

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE 5: JAVA PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Apply the salient features of Java programming.
CO2	Identify classes, objects, members of a class and relationship among them to solve a specific problem.
CO3	Develop client-side programming using Applet and AWT.
CO4	Implement packages to solve the complex problems and applying exceptional handling mechanisms.
CO5	Recall the principles and practice of object-oriented concepts in the construction of robust, maintainable programs.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 4: PROGRAMMING LAB – JAVA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Develop Java applications using OOP concepts with appropriate program structure.
CO2	Demonstrate the concepts of polymorphism and inheritance.
CO3	Use and create packages and interfaces in a Java program.
CO4	Implement exception handling mechanisms during software development.
CO5	Design and develop an applet program.

Credits: 4. Practical Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED 3: COMPUTER BASED OPTIMIZATION TECHNIQUES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the mathematical tools needed to solve optimization problems
CO2	Find optimum solutions for transportation problems.
CO3	Apply assignment algorithm to solve travelling salesman problems.
CO4	Construct Mathematical models for the real-time situations.
CO5	Apply optimum sequence algorithm for smooth functioning of an industry

Credits: 4. Theory Period of 6 hour per week over a Semester

SKILL BASED 1: WEB PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Describe the web-browser-based technology in business information system.
CO2	Design and apply html to create a mark-up language for web browser-based technology.
CO3	Identify concepts related to connecting resources with links, CSS, DTD.
CO4	Design and apply xml to create a mark-up language for data and document centric application.
CO5	Develop well-formed web browser based documents utilizing xml.

Credits: 3. Theory Period of 5 hour per week over a Semester

II YEAR – SEMESTER IV

CORE 6: SYSTEM SOFTWARE AND OPERATING SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand SIC architecture features of utility s\w such as compiler, loader and linker.
CO2	Understand machine dependent compiler features and machine independent compiler features.
CO3	Identify the process states, process state transition and interrupt processing.
CO4	Illustrate the concepts of storage management strategies for partition in multi programming.
CO5	Apply various process scheduling algorithms for process management and Analyze disk performance optimization along with file and data base systems.

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE 7: LINUX AND SHELL PROGRAMMING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know the basics structure of Linux operating system and its functions.
CO2	Handle file and directory commands in Linux and manage files and directories.
CO3	Know about various text editors and filter, redirection commands. To locate files in Linux
CO4	Learn securing files and file access permissions. And obtain knowledge about local and global variable.
CO5	Transform a problem into programming using following constructs if, elf and while, until, for construct.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 5: LINUX AND SHELL PROGRAMMING LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Learning operating system and Linux
CO2	Describe Directory and File commands in Linux.
CO3	Learn the important Linux Library functions and system calls.
CO4	Explains security files in Linux with access permissions.
CO5	Usage of conditional execution in shell scripts

Credits: 4. Practical Period of 6 hour per week over a Semester

ALLIED 4: BUSINESS ACCOUNTING

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Conceptually define accounting and bookkeeping
CO2	Identify the accounting rules required for business enterprises
CO3	Apply the accounting rules in determining financial results, prepare financial statements, and compare the specificity of different accounts within the accounting policies
CO4	Understands the basics of accounting principles and journalizing.
CO5	Prepare trading, profit and loss account and balance sheet with simple adjustments.
CO6	Prepare cost sheet with simple adjustments & Knows Planning for Budgetary Control

Credits: 4. heory Period of 6 hour per week over a Semester

SKILL BASED 2 (LAB): WEB PROGRAMMING LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Create a html for bullets and numbering.
CO2	Apply tags for bold, italic, underline.
CO3	Using html tags, create a table, row and data
CO4	Identify images and links.
CO5	Develop a static web page using Form and Input tag.

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR – SEMESTER V

CORE 8: RDBMS & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Become familiar with the database management systems.
CO2	Understand the functional dependencies and design of the relational database.
CO3	Master the basics of SQL and construct queries using SQL.
CO4	Design a relational database schema using SQL for a given problem-domain.
CO5	Understand the concept of concurrency control of database processing

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE 9: VISUAL BASIC

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design, create, build, and debug Visual Basic applications using various controls.
CO2	Explore Mouse events, Menus and Dialog boxes.
CO3	Understanding ODBC and Data access object concepts.
CO4	Know about OLE fundamentals and file system controls.
CO5	Demonstrate various additional controls and know about crystal and data reports.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE LAB 6: PROGRAMMING LAB – VB & ORACLE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify Structure Query Language statements used in creation and manipulation of Database.
CO2	Develop and evaluate a real relational database application.
CO3	Create and maintain tables using PL/SQL.
CO4	Solve Query for a given relational database.
CO5	Learn the concept of generating suitable reports.
CO6	Write and apply decision structures for determining different operations.
CO7	Know about List box and combo box functions.
CO8	Write and apply procedures, sub-procedures, and functions to create applications.
CO9	Demonstrate common dialog control and Menu driven program.
CO10	Develop a Database connection between Visual basic and oracle.

Credits: 4. Practical Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE 1: PHP & SCRIPTING LANGUAGE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the general concepts of PHP scripting language for the development of Internet websites.
CO2	Use PHP logical and comparison operators, branching structures (if/switch), and loop structures (for, for each, do, do/while).
CO3	Build database using My SQL for the required applications.
CO4	Construct PHP program to connect and query database.
CO5	Understand, analyze and build web applications using PHP

Credits: 4. Theory Period of 6 hour per week over a Semester

SKILL BASED 3: CASE TOOLS CONCEPTS AND APPLICATIONS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	CASE (Computer Aided software Engineering) tools are intended to reduce the overall effort and increase the accuracy of software development they accomplish this by automating.
CO2	A simple and well-defined problem statement will be used by the project team to understand the problem and work toward developing a solution, Installation of U-Bridge.
CO3	A simple application to create user-land bridges between various technologies, a workflow connectivity tool that enables users to incorporate business intelligence.
CO4	DDT shows the hierarchy or structure of the different components or modules of the system and shows how they connect and interact with each other.
CO5	Unified Modeling Language (UML) is a general-purpose modeling language. The main aim of UML is to define a standard way to visualize the way a system has been designed

Credits: 3. Theory Period of 6 hour per week over a Semester

III YEAR- SEMESTER VI

CORE 10: GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Identify the types of Graphics monitor, workstations, input devices and input techniques available to work with graphics.
CO2	Recognize the mathematical and heuristic algorithms behind the graphics object generation.
CO3	Familiarize the attributes of control the object shape and initializing techniques
CO4	Comprehend the forms of 2D transformations, mapping process from word view to display and clipping process to select the visible portion, Construct the algorithms for 3D objects processing and familiarize 3D scene handling based on view plane direction.
CO5	Recall the multimedia technologies and components.

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE 11: PROJECT WORK LAB

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the need of developing software.
CO2	Learn basics of the decided computer language.
CO3	Study the environment.
CO4	Design the database and front end.
CO5	Testing and Implementation of developed software

Credits: 8. Practical Period of 5 Hour per week over a Semester

CORE LAB7: PROGRAMMING LAB – GRAPHICS & MULTIMEDIA

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Construct basic shapes using algorithms.
CO2	Realize the concepts of Multimedia Systems and apply editing tools for images.
CO3	Design and implement an animation for various themes.
CO4	Create multimedia advertisement.
CO5	Compose audio with effects.

Credits: 4. Practical Period of 6 hour per week over a Semester

ELECTIVE II: COMPUTER NETWORKS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Discuss the basic rudiments of networking concepts.
CO2	Analyze in detail and understood the basic idea of different protocol.
CO3	Analyze routing, packet switching and routing algorithms concepts.
CO4	Recognize the services of connectionless and connection-oriented protocols.
CO5	Assess the internet domains and its services

Credits: 4. Theory Period of 5 hour per week over a Semester

ELECTIVE III: WEB SERVICES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand What web services are and its uses.
CO2	Knows about SOAP, WSDL and UDDI specifications.
CO3	Efficiently use market environment tools to create and consume web services.
CO4	Identify and select the frame work components in creation of web services solution.
CO5	Understand the paradigms needed for testing and the steps to deploy web services.
CO6	Able to develop web services using web based distributed computing

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME OUTCOMES & COURSE OUTCOMES

SKILL BASED 4 (LAB) : CASE TOOLS CONCEPTS AND APPLICATIONS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	To understand An Automated Teller Machine (ATM) is a banking sub system with help of class diagram, use case diagram, Transaction diagram, Activity diagram, sequence diagram.
CO2	Understand the concept of modeling and mechanism involved in UML.
CO3	Aimed at developing an electronic system (Generic Interface) with help of class diagram, use case diagram, Transaction diagram, Activity diagram, sequence diagram.
CO4	Describe the railway reservation system with help of class diagram, use case diagram, Transaction diagram, Activity diagram, sequence diagram.
CO5	Developed by applying effective design techniques in order to improve Medical expert systems are domain dependent, requirements analysis must be carried out before software design.

Credits: 3. Practical Period of 4 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

**B.COM - CORPORATE SECRETARYSHIP WITH
COMPUTER APPLICATIONS**

I YEAR- SEMESTER-I

CORE I- FINANCIAL ACCOUNTING – I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Accounting basic concepts and conventions.
CO2	Acquire knowledge about how to rectify errors and preparing bank reconciliation statement
CO3	Aware of Bills of exchange and its transaction including Accommodation bills
CO4	Knowledge about preparation of final Accounts
CO5	Understand the Account current statement and procedure for calculation of Average due date methods

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE II- BUSINESS MANAGEMENT

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Discuss Nature and scope of Management process
CO2	Describe Planning and decision-making process.
CO3	Explain Organization and organization structure.
CO4	Enumerate Theories of motivation and incentives.
CO5	Describe Co-ordination and control process.

Credits: 4. Theory Period of 5 hours per week over a Semester

ALLIED PAPER I: COMPUTER APPLICATIONS IN CORPORATE OFFICE

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Gain knowledge about computers and its generations, characteristic, classifications and introduction to windows 98
CO2	Acquire knowledge how to create word document including pages no, space, header and footer with graphics.
CO3	Learn to creating a new Work book and entering data, Adding Cell working with simple formulas and creating charts for data.
CO4	Know how to create a new database, entering data in table creating relationships between tables modifying a form, and create query and report.
CO5	Learn how to create a new presentation slides with graphics, and also the performance of deleting, copying slides, and also adding and modifying text.

Credits: 4. Theory Period of 5 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR- SEMESTER II

CORE III: FINANCIAL ACCOUNTING-II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Acquire knowledge about self-balancing ledgers
CO2	Learn about depreciation and methods of depreciation
CO3	Prepare Branch accounts and departmental accounts
CO4	Gain knowledge about Non trading concern
CO5	Know the concept of statement of affairs and single-entry system

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE IV: LAW OF INSURANCE

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the Basic Principles of Insurance Law;
CO2	Learn about insurance and Claims
CO3	Understand about life insurance and surrender value.
CO4	Acquire knowledge about marine and fire insurance.
CO5	Grasp knowledge about risk analysis, claims and recovery.

Credits: 4. Theory Period of 5 hours per week over a Semester

ALLIED PAPER - COMPUTER PRACTICAL – I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Acquire knowledge about word document different menus and its usages.
CO2	Gain knowledge about arithmetic and logical operations to prepare different type of chart, Final accounts mark sheet and bank customers statement.
CO3	Understand to prepare different types of slides and presentation of
CO4	Gather knowledge to create database for employees, students, products etc.,

Credits: 8. Practical Period of 3 hour per week over a Semester

II YEAR -SEMESTER-III

CORE V-COMMERCIAL LAW

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Demonstrate an understanding of the nature of business tort
CO2	Explain legality and status of fraud in the business contracts and agreements.
CO3	Define various transactions involving in sale of Goods Act.
CO4	Understand the basic principles of commercial law that govern consideration and capacity of parties in business contracts.
CO5	Demonstrate various case studies in the business world which strengthen the provisions of commercial law

Credits: 4. Theory Period of 5 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE VI – COMPANIES ACT 2013 AND SECRETARIAL PRACTICE-I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understanding the various types of Companies and the issues associated with Companies
CO2	Summarize Procedure for incorporation of the company.
CO3	Discuss Matters to be stated in the prospectus.
CO4	Analyze Sources of raising capital.
CO5	Define borrowing powers and legal charges.

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE- VII - DATA BASE MANAGEMENT SYSTEM

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Describe the fundamental elements of relational database management system.
CO2	Explain the basic concepts of Relational data model; E-R models, E-R database design. Relational algebra and SQL.
CO3	The E-R model to relational tables and Formulas SQL queries in data.
CO4	Improve the database design by normalization. Understand the query processing and techniques involved in query optimization.

Credits: 4. Theory Period of 3 hours per week over a Semester

ALLIEDPAPER –III- BUSINESS MATHEMATICS

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Apply the functions of mathematics in business
CO2	Remember the matrix and set functions
CO3	Understand the variables and constants
CO4	Acquire knowledge on derivations
CO5	Apply the basic functions of integrals

Credits: 4. Theory Period of 3 hours per week over a Semester

SKILL BASED SUBJECT -1 CORPORATE COMMUNICATION

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Recall the importance of communication
CO2	Understand why communication, letter writing is important in an Organizations.
CO3	Understand and apply the layout of business letters and application letters.
CO4	Evaluate the reply letters for the shareholders.
CO5	Creating the Drafting letters.

Credits: 3. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR- SEMESTER –IV

CORE VIII – CORPORATE ACCOUNTING-I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Enabling the students to understand the features of Shares.
CO2	Develop an understanding about redemption of Shares and Debenture and its types.
CO3	Give an exposure to the company final accounts
CO4	Provide knowledge on amalgamation of companies.
CO5	Students can get an idea about internal reconstruction

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE IX – COMPANIES ACT 2013 AND SECRETARIAL PRACTICE-II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Explain Basic provisions of Companies meetings
CO2	Acquire knowledge about Key managerial person.
CO3	Understand the methods of appointment and removal of auditors.
CO4	Enumerate Legal procedure for declaration and payment of dividend.
CO5	Learn about winding of companies.

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE X- PROGRAMMING IN C

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understands the basic structure, data types, operators, and statements of C language.
CO2	Gain knowledge about input and output statements and control structures
CO3	Know the concepts of arrays and types of arrays.
CO4	Learn about user defined functions and structures.
CO5	Gain knowledge about standard input and output functions.

Credits: 4. Theory Period of 3 hours per week over a Semester

CORE XI -BUSINESS STATISTICS

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the basic concepts statistics and collection of data
CO2	Imparting knowledge on tabulation and presentation
CO3	Have a comprehensive knowledge on Central tendency
CO4	Acquire knowledge on correlation and regression analysis
CO5	Acquire knowledge on index numbers Mapping

Credits: 4. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

I & II YEAR - SEMESTER II & IV

ALLIED: IV- COMPUTER PRACTICAL – II (TALLY & C PROGRAMMING)TALLY

COURSE OUTCOMES: After the completion of the course the students will be able to

C PROGRAMMING

CO1	Solve a quadratic equation for all type of roots.
CO2	Program to print the prime numbers up to 100.
CO3	Program to print or arrange the given strings into alphabetical order.
CO4	Program to find the given String is Palindrome or Not.
CO5	Program to Print the Fibonacci Series.
CO6	Program to Print the given string in the reverse order.
CO7	Program to Convert the given integer into equivalent words.
CO8	Program to Print the Armstrong numbers up to 500.
CO9	Program to find the number of days between two dates.
CO10	Program to Print the calendar for a given month of a year

Credits: 4. Theory Period of 3 hours per week over a Semester

SKILL BASED SUBJECT- 2: PRACTICAL BANKING

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand and explain the conceptual framework of banking
CO2	Learn about functions of banks and types of customers.
CO3	Acquire knowledge on cheque and endorsement.
CO4	Illustrate the various electronic payment methods
CO5	Understand the concept of factoring and internet banking

Credits: 3. Theory Period of 5 hours per week over a Semester

II YEAR – SEMESTER V

CORE XII – COST ACCOUNTING

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand Cost accounting concepts and techniques
CO2	Gain knowledge on Preparation of Cost Sheet in order to find the cost of goods and fixing the price
CO3	Familiarize and suggest the method of control the material cost and labor cost
CO4	Understand the techniques of reconciliation of financial and cost statements
CO5	Identify the point of Break-Even analysis

Credits: 4. Theory Period of 5 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XIII - INDUSTRIAL LAW

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Explain Factories Act, 1948 (health, safety and welfare measures)
CO2	Describe Industrial Disputes Act, 1947 (strikes, lock outs, layoff and retrenchment)
CO3	Illustrate Trade Union Act, 1926 and The Contract Labour (Regulation & Abolition) Act 1970 (growth, function, amalgamation and dissolution of trade union, welfare and health of contract Labour)
CO4	Demonstrate Payment of Wages Act, 1936 & Minimum Wages Act 1948 (minimum rate of wages, time of payment and responsibility of payment) CO3
CO5	Demonstrate the Workmen Compensation Act, 1923 (distribution of compensation, medical examination, notice and claim)

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE XIV – CORPORATE ACCOUNTING-II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Learn about holding company accounts.
CO2	Acquire knowledge about goodwill.
CO3	Prepare Liquidator's final statement of receipts and payments
CO4	Prepare Final accounts of Banking companies.
CO5	Prepare Final accounts of Insurance companies

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE XV – TAXATION-I (DIRECT TAXES)

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Basic concepts of Income tax and residential status of Assessed
CO2	Calculation of income from Salaries and House Property Explain Income tax provisions relating to computation of Income under the head Salary, House property
CO3	Knowledge about Business and Profession under Income tax and Compute Capital Gain.
CO4	Understand the other sources of income and gather knowledge about to set off carry forward and set off losses under certain incomes and deduction in total income.
CO5	Knowledge about income tax authorities, powers and duties, to know how to filling of returns and procedure for assessment.

Credits: 4. Theory Period of 5 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PART IV - BUSINESS ENVIRONMENT

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Gain knowledge about the concept and significance of Business environment
CO2	Acquire knowledge about ethical values.
CO3	Learn about global management issues in business.
CO4	Study about fiscal policy and direct and indirect taxes
CO5	Know about the role of FEMA and SEBI in the business

Credits: 2. Theory Period of 3 hours per week over a Semester

ELECTIVE-IVISUAL BASIC (THEORY)

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Design, formulate and construct the programs in VB.
CO2	Integrate variables and constants into calculations applying VB.
CO3	Determine logical alternatives, Decision Structures, and Implanting the lists and loops with VB.
CO4	Assemble multiple forms, Modules and menus into working solutions.
CO5	Create program using Array techniques. Translate general requirement into data-related solutions using database concepts, using files and properties.

Credits: 4. Theory Period of 3 hours per week over a Semester

SKILL BASED SUBJECTS3- MARKETING MANAGEMENT

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understanding Principles of marketing management and Organisation
CO2	Earn knowledge about Functions of marketing management
CO3	Acquire knowledge about sales promotion
CO4	Study about kinds of Advertisement
CO5	Create knowledge about personal selling

Credits: 3. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR – SEMESTER VI

CORE XVII - CORPORATE LAWS

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Study regulation and improvement of competition in the market, in order to provide goods in high quality at low price.
CO2	Demonstrate Corporate responsibility to protect Environment, Air and Water from pollution. The pollutant which involves in the production must be handle to avoid the bad affect.
CO3	Defines all regulations and management of foreign trade and transactions to improve our country economy
CO4	Provide awareness regarding all procedures and advantages of these approvals.
CO5	Enlightens the important and role of consumers in the market, and providing information about legal rights of consumers.

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE XVIII: MANAGEMENT ACCOUNTING

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Know Management accounting provides more information to take suitable decisions to the management and differentiation on financial accounting and cost accounting.
CO2	Know leverage and solvency ratio, in ratio analysis helps in accessing the financial position of a firm
CO3	Understand the funds movement in management as working capital. In cash flow statement give knowledge about cash inflow and outflow of cash during a particular period.
CO4	Know about the budget for future and its classification and computation
CO5	Know the process of making investment decisions in capital expenditure and capital budgeting methods.

Credits: 4. Theory Period of 5 hours per week over a Semester

CORE XVIII:GOODS AND SERVICE TAX(GST)

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Explaining features of GST, various indirect taxes subsuming in GST, Constitutional amendment and benefits of GST.
CO2	Provides information to understand the traders who are responsible to pay GST to State Government and exemptions
CO3	Regulates the procedure and time for registration of traders and provide awareness relates to exemption from registration.
CO4	Demonstrate the documents which is necessity to filing regards outward goods, inward goods, annual returns and claims
CO5	Defines about GST network and structure of e- filling.

Credits: 4. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE II: INTERNET & E-COMMERCE

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Brief about the network security and firewalls, understand the client server network security
CO2	Analyses the Internet addressing in standard internet format
CO3	Elaborate about the e-commerce, classification of electronic commerce,
CO4	Remember building block of EDI system and electronic payment systems and types
CO5	Discuss about system analysis and design

Credits: 4. Theory Period of 3 hours per week over a Semester

ELECTIVE III: VISUAL BASIC (PRACTICAL)

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Develop a VB Program to find factorial of a Number.
CO2	Develop a VB Program to get name and marks details of a student. Then find out the total marks and percentage of the marks
CO3	Develop a VB Program to calculate the amount of interest earned to any investment using the formulae Interest Earned (Amount * Years * Interest) / 100
CO4	Develop VB Program to get the total value of a sales person and to calculate his sales bonus.
CO5	Develop a VB Program to build an Arithmetical Calculator.
CO6	Develop a VB Program to get the Pay Details of an employee and to calculate the net pay and taxable amount
CO7	Develop a VB Program to allow the user to enter the names of country in a text box. Create command buttons to display all the names in Alphabetical order in the list box and to delete the countries from the list box.
CO8	Develop a VB Program to find the Straight –Line Depreciation for an asset using financial functions
CO9	Develop a VB Program to calculate the number of days the user alive by asking the user to enter the date of birth.
CO10	Develop a VB Program to display a form, which has 3 menu items called Line, Circle and box. When clicking on each, display the appropriate output.
CO11	Develop a VB Program to reverse the text using String functions.
CO12	Develop a VB Program to store and retrieve the records from the database by using Data Control.

Credits: 4. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED IV- SECURITIES MANAGEMENT

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Inculcate the legislation in capital market
CO2	Imbibe the regulatory frame work in stock exchanges
CO3	Highlight the powers and function of SEBI
CO4	Evaluate the regulation in Mutual funds
CO5	Enhance knowledge in Depositories Act

Credits: 3. Theory Period of 3 hours per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

B.Sc. MATHEMATICS

PROGRAM SPECIFIC OUTCOMES

PSO1	Identify the applications of Mathematics in other disciplines and society.
PSO2	Develop an in-depth knowledge in Mathematics and identify connections between theory and its applications.
PSO3	Demonstrate their mathematical modeling ability, problem solving skills, creative talent.
PSO4	Develop mathematical aptitude and the ability to think abstractly.
PSO5	Students are empowered with analytical and logical skills-to formulate results and construct mathematical argument.
PSO6	Ability to organize, analyses and interpret data accurately.



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

B.Sc. MATHEMATICS

I YEAR – SEMESTER I

CORE I: CLASSICAL ALGEBRA

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Use binomial and exponential expansions to sum the series
CO2	Apply logarithmic expansion and understand the Behavior of divergent Sequences.
CO3	Understand the Behavior of convergence of a given and test the series
CO4	Acquire knowledge about theory of equations and find the roots of an Equations.
CO5	Finding approximation of a root

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE II: CALCULUS

COURSE OUTCOMES: On effective conclusion of course, the students will be able to

CO1	Explain the ideas of curvature, evaluates and envelopes of certain curves.
CO2	Learn various methods of integration and solve different types of Function.
CO3	Evaluate double and triple integrals and gain knowledge in geometrical Application of integration
CO4	Change order of integration and variables in double and triple integrals
CO5	Distinguish proper and improper integrals and calculate Beta, Gamma functions.

Credits: 4. Theory Period of 5 hour per week over a Semester

ALLIED A - STATISTICS FOR MATHEMATICS I

COURSE OUTCOME: On effective conclusion of course, the students will be able to

CO1	Understand the concept of random variable, probability of random variable. Distribution function and their properties, mathematical expectation and variance of discrete and continuous random variables.
CO2	Understand the generating functions namely moment generating function, Cumulate generating function and characteristic function and their properties. Chebyshev's inequality, weak law of large numbers, central limit theorem.
CO3	Know the application of Binomial, Poisson and Normal distributions. Derivation of sampling distribution of Chi-Square, F,t statistics and their properties.
CO4	Understand the concept of curve fitting and principle of least squares and fitting of curves of straight line, Second degree parabola curve and exponential curves, the concept of correlation and regression.
CO5	Know the application of Binomial, Poisson and Normal distributions and how to solve problems on correlation and regression

Credits: 4. Theory Period of 7 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR – SEMESTER II

CORE III - ANALYTICAL GEOMETRY

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Demonstrate the projection, calculate the distance between points, lines and planes and the angles.
CO2	Discuss the characteristics and properties of sphere and find equation of a circle.
CO3	Understand coaxial system of sphere and orthogonal sphere.
CO4	Understand how to analyze and synthesize given data to find equation of cone and cylinder.
CO5	Describe the idea of concord and nature.

Credits: 4. Theory Period of 4 hour per week over a Semester

CORE IV – TRIGONOMETRY, VECTOR CALCULUS AND FOURIER SERIES

COURSE OUTCOMES: On successful Completion of this course, the students should have gained the knowledge about

CO1	The Expansions of Sine, Cosine and Tangent functions in terms of functions of powers of θ and multiples of θ also to know that Hyperbolic and Inverse hyperbolic function
CO2	How to compute the Logarithm functions in Complex quantities and when angles are in arithmetic progression in the form of method of differences.
CO3	The study of scalar and Vector fields, Gradient, Divergence and Curl solve the problems on irrational and Laplacian operators.
CO4	To solve the problems on Green's and Stroke's on line integral and surface integral vectors.
CO5	To know what is the Periodic function and to compute the half range Fourier series.

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED A- STATISTICS FOR MATHEMATICS II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Know the concept of Estimator, Estimate and Estimation and Characteristics of Estimator. Understand Cramer – Rae Inequality which provides the lower bound to the variance of unbiased estimator of $\gamma(\emptyset)$.
CO2	Know the methods of estimation, principle of method of maximum Likelihood estimation and properties of maximum likelihood estimators. Know the concept of Confidence Interval and Confidence Limits for the parameters of Normal t, F, Chi – square distribution
CO3	Understand the Statistical Hypothesis and the two types of errors, Level of significance and Power of test, one –tailed and Two -tailed Tests. Concept of Critical values and Significant values and Test of significance
CO4	Know the different Methods of Sampling, Analysis of Variance (ANOVA) and concept and methods of Design of Experiments.
CO5	Understand how to solve problems on estimation, test of statistical hypothesis and design of experiments.

Credits: 4. Theory Period of 7 hour per week over a Semester

II YEAR – SEMESTER III

CORE-V DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORMS

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Examine the general, particular and complete solution of differential equations
CO2	Understand the concept of ordinary differential equations and to evaluate ODE.
CO3	Understand the concept of partial differential equations and Lagrange's method
CO4	Analyze the types of equations solvable for x, y and p
CO5	Understand and apply the concept of Laplace transforms and inverse Laplace transforms

Credits: 4. Theory Period of 3 hour per week over a Semester

CORE-VI - STATICS

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the concept of forces, resultant forces of more than one force acting on a surface
CO2	Apply the concept of friction, gravity, Centre of mass, and centric
CO3	Acquire knowledge about the Parallelogram of forces, Triangle of forces, various theorem of moments
CO4	Find the resultant of coplanar couples equilibrium of couples and the equation to the line of action of the resultant
CO5	Understand the concept of equilibrium of strings and to derive the tension at any point

Credits: 4. Theory Period of 3 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ALLIED B: PRINCIPLES OF ACCOUNTANCY I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the basic concepts and conventions of Accountancy.
CO2	Gain knowledge about the basic accounting practices.
CO3	Prepare the final accounts of a business concern.
CO4	Aware of the accounting procedures followed in different businesses
CO5	Understand the reasons for difference in a bank account with that of the accounts prepared and methods to reconcile the difference

Credits: 3. Theory Period of 7 hour per week over a Semester

SKILL BASED-OPERATIONS RESEARCH –I

COURSE OUTCOMES: On successful Completion of this course, the students should have gained the knowledge about

CO1	What is O.R and to know about limitations, Characteristics, Scope of O.R and Formulation fog Linear Programming Problem.
CO2	The problems on Graphical Solution and Simplex Method.
CO3	Find the solution on Big-M method and Two-Phase Method.
CO4	Find the solution on duality and duality simplex method
CO5	Find the solution on Transportation problem by various methods

Credits: 3. Theory Period of 3 hour per week over a Semester

II YEAR – SEMESTER IV

CORE-VII – DYNAMICS

COURSE OUTCOMES: After the completion of the course the students will be able to its

CO1	Understand and apply the concepts of kinematics and Laws of Motion
CO2	Understand the conservation of Linear Momentum and apply the concept of the path of the projectile and its characteristic
CO3	Understand and apply the principle of central orbit
CO4	Understand simple harmonic motion and its related geometrical representation
CO5	Understand the direct and oblique impact of smooth elastic spheres and its related loss of kinetic energy

Credits: 4. Theory Period of 3 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE-VIII- PROGRAMMING IN C

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Develop logics which will help them to create programs, applications in C.
CO2	Able to implement the algorithms and draw flowcharts for solving Mathematical problem
CO3	Create programs, applications in C examples like IF,ELSE,GOTO etc.
CO4	Understand a functional hierarchical code organization. Ability to define and manage data structures based on problem.
CO5	Understand Design, implement, test and debug programs that use arrays for character string and that use pointers for character strings.

Credits: 4. Theory Period of 3 hour per week over a Semester

ALLIED B:PRINCIPLES OF ACCOUNTANCYII

COUSE OUTCOMES: On successful completion of the course, the students should have to

CO1	Understand the concept and use of depreciation in the firms.
CO2	Know the ascertainment of profit under single- Entry system
CO3	Acquire conceptual knowledge of branch account.
CO4	Understand the concepts of hire purchase trading A/C
CO5	Acquire knowledge about Royalty.

Credits: 3. Theory Period of 5 hour per week over a Semester

ALLIED PRACTICAL-PROGRAMMING IN C PRACTICAL

COURSE OUTCOME: After completion of this course the student would be able toRead understand and trace the execution of programs written in C language.

CO1	Write the C code for a given algorithm
CO2	Implement Programs with pointers and arrays perform pointer arithmetic and use the pre-processor.
CO3	Write programs that perform operations using derived data types.

Credits: 2. Theory Period of 2 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED- OPERATIONS RESEARCH –II

COURSE OUTCOMES: On successful Completion of this course, the students should have gained the knowledge about to

CO1	Compute the Optimum Solutions of Assignment problems and Unbalanced Assignment problems.
CO2	How to find game theory problems using maximum and minimum Principles also by using Dominance property.
CO3	Know what is the queuing system and its characteristics also the symbols and notations of the queuing system.
CO4	How to find the queuing problems on various types of First in First Out model.
CO5	Know what is the Inventory control and how to calculate an economic order quantity problem with and without shortages.

Credits: 3. Theory Period of 3 hour per week over a Semester

III YEAR – SEMESTER V

CORE-IX - REAL ANALYSIS I

COURSE OUTCOMES: To introduce the concepts which provide a strong base to understand and analysis mathematics.

CO1	The concepts of Real, Complex number systems and field axioms.
CO2	The concepts of Relation, Function and Sequence.
CO3	Acquire knowledge about the elements of point set topology and Euclidean space
CO4	The concepts of Covering, Metric space, Compact set.
CO5	The concepts of Convergent sequences, limit of a function and continuous function.

Credits: 4. Theory Period of 5 hour per week over a Semester

CORE-X - COMPLEX ANALYSIS I

COURSE OUTCOMES: To introduce the concepts which provide a strong base to understand and analysis mathematics.

CO1	History of complex Number system, Some elementary transformations, Stereographic projection. Bilinear transformation, Invariance of Cross- ratio under bilinear transformation
CO2	Understand the different types of complex functions, Differentiability and analyticity of complex functions, Cauchy – Riemann equation in polar coordinates.
CO3	Know the concept of Power Series, Absolute convergence and divergence of Power Series, Derivation of elementary functions namely Exponential, Logarithmic, Circular
CO4	Understand the Harmonic, Conjugate Harmonic functions and conformal mapping, signal mapping. Explanation of mapping $w=e^z$, $w=z^2$, $w=\sin z$, $w=\cos z$, $w=z+1/z$.
CO5	Understand the definitions of Simple arc, Simple Close curve, rectifiability of a simple arc, and solve Complex Integration and analyses properties of integration.

Credits: 4. Theory Period of 6 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE-XI - MODERN ALGEBRA I

COURSE OUTCOMES: On successful Completion of this course, the students should have gained the knowledge about to

CO1	Understand the concepts of set theory, mapping, graphs and its related Basic properties and lemmas
CO2	Understand the basic concepts of Groups.
CO3	Illustrate the concept of homomorphism, auto orphism and permutation groups.
CO4	Analyze and demonstrate example of rings some special classes of rings and ideal and homomorphism of rings
CO5	Analyze the concept of Syl low's theorem and direct products

Credits: 4. Theory Period of 6 hour per week over a Semester.

CORE-XII- DISCRETE MATHEMATICS

COURSE OUTCOME: On the successful completion of the course the students will be able to know

CO1	Connections, Tautologies, Duality, Quantifiers and Free bound variables.
CO2	Relations and Composition of functions, Algebra structures, Semi groups and Monodies.
CO3	Formal languages, types of grammar and finite state machines.
CO4	What is the Partial ordering, lattices, Posse, Boolean functions.
CO5	What is the Graphs, Euler paths, Trees and Binary trees.

Credits: 4. Theory Period of 5 hour per week over a Semester

ELECTIVE-NUMERICAL METHODS I

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Apply numerical methods to obtain approximate solutions to mathematical problems
CO2	Use appropriate numerical methods, to solve linear algebraic equations and find its roots
CO3	Understand finite difference concept and estimate errors
CO4	Apply various interpolation method for equal intervals
CO5	Understand the difference operators and the use of interpolation for unequal intervals

Credits: 3. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

SKILL BASED- OPERATIONS RESEARCH III

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand concept of Simulation, process of Simulation and Simulation Models. Know the concept of MONTE- CARLO Simulation. Understand how to solve queuing problems using Monte – Carlo Simulation.
CO2	Understand Network Scheduling by PERT / CPM, Critical Path Analysis Problems finding Critical Path, explanation of Probability considerations in PERT, Explanation of crashing of activity, Problems on Crashing of activity.
CO3	Understand the concept of Integer Programming, explanation of Pure and Mixed Integer Programming. Solving Integer Linear Programming Problem by Geometry's Fractional cut method, explanation of Branch and Bound method. Solving the Integer linear programming problem by Branch and Bound method.
CO4	Understand the concept of Mathematical Formulation Non- Linear Programming Problem and explanation of Constrained Optimization with Equality Constraints with examples.
CO5	Understand the concept of Dynamic programming problem, Principle of Optimality, explanation of Recursive Equation Approach. Characteristics of Dynamic Programming, Solution of Linear Programming problem by Dynamic Programming with examples

Credits: 3. Theory Period of 3 hour per week over a Semester

II YEAR –SEMESTER VI

CORE-XIII – REALANALYSIS II

COURSE OUTCOMES: To introduce the concepts which provide a strong base to understand and analysis mathematics

CO1	To understand the concepts of Continuity and inverse images functions continuous on compact sets, topological mappings.
CO2	To understand the concepts of uniform continuity, connectedness.
CO3	To understand the concepts of Algebra of derivative and continuity.
CO4	To understand the concepts of Properties of functions and bounded variation.
CO5	To understand the concepts of linear properties and Riemann integral.

Credits: 4. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE-XIV - COMPLEX ANALYSIS II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the theorems explaining the properties of complex integration and solving Integration using Cauchy's Theorem.
CO2	Know the expansion of Analytic function as sum of power series called Taylor's Laurent's Series. Solve problems using Taylor's and Laurent's series for different analytic functions.
CO3	Know the concept of singularity and Singular point. Understand how to find singular points for analytic functions and calculation of residues.
CO4	Know how to solve the different types of Integrals using Residue Theorem.
CO5	Know the definition of geomorphic Function, Principle of Argument, Ruche's Theorem and Solve problems to find Zeros of the Polynomial Functions.

Credits: 4. Theory Period of 6 hour per week over a Semester

CORE-XV - MODERN ALGEBRA II

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand the matrix concepts in real life problems
CO2	Verify Cayley's Hamilton theorem for a square matrix
CO3	Understand the concept of vector space, homomorphism's and isomorphism's
CO4	Explain the concept of dual space, inner product vector space and orthogonal vector space
CO5	Illustrate the linear transformation and determine the characteristic roots and vectors

Credits: 4. Theory Period of 6 hour per week over a Semester

ELECTIVE II: NUMERICAL METHODS II

COURSE OUTCOMES: On successful Completion of this course, the students should have gained the knowledge about

CO1	How to calculate the Numerical differentiations such as Newton's forward and backward solutions also by using Sterling's method.
CO2	To Know about Newton-Cote's formula and to know about how to calculate Trapezoidal and Simpson's 1/3 and 3/8 rule.
CO3	How to calculate Differential equations such as solving homogeneous and non-homogeneous linear equations.
CO4	How to solve the problems on Taylor series method, Euler's, Improved Euler's and Modified Euler method. Also to know how solve the problems on Runge kutta method.
CO5	How to find the numerical solutions on Milline's Predictor Corrector and Adam's Predictor Corrector method also solving ordinary differential equations by finite difference methods

Credits: 3. Theory Period of 5 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

ELECTIVE III - PROGRAMMING IN C++

COURSE OUTCOMES: After the completion of the course the students will be able to

CO1	Understand how C++ improves C with object-oriented features.
CO2	Learn how to write inline functions for efficiency and performance.
CO3	Learn the syntax and semantics of the C++ programming language.
CO4	Learn how to design C++ classes for code reuse.
CO5	Learn how to implement copy constructors and class member functions.
CO6	Understand the concept of data abstraction and encapsulation.
CO7	Learn how to overload functions and operators in C++.
CO8	Learn how containment and inheritance promote code reuse in C++.
CO9	Learn how inheritance and virtual functions implement dynamic binding with polymorphism.
CO10	Learn how to design and implement generic classes with C++ templates.

Credits: 4. Theory Period of 5 hour per week over a Semester

SKILL BASED- OPERATIONS RESEARCH IV

COURSE OUTCOMES: After completion of this course the student would be able to

CO1	Understand Decision Analysis, explanation of Decision – Making Process with Illustration, explanation of Decision – Making Environment and different Types of Decisions under uncertainty, decision Tree Analysis.
CO2	Know the concept of Sequencing Problem with examples and different methods of sequencing problems.
CO3	Understand Replacement Problem and explanation of different policies of Replacement of Equipment/ Asset with examples and Group Replacement.
CO4	Know the concept of Information theory, definitions and explanation of three major branches of Modern Information Theory (i) Shannon Theory (ii) Cybernetics (iii) Coding Theory ,explanation of a measure of Information probability Relations in a Channel.
CO5	Understand the General solution of (mxn) rectangular games using simplex method, Reliability and system failure rates using replacement problems.

Credits: 3. Theory Period of 3 hour per week over a Semester

ALLIED PRACTICAL- PROGRAMMING IN C++ PRACTICAL

COURSE OUTCOMES: After completion of this course the student would be able to

CO1	Identify importance of Object-Oriented Programming and difference between structures oriented and object-Oriented Programming features.
CO2	Able to make use of Object and classes for developing Programs.
CO3	Able to use various object-oriented concepts to solve different problems

Credits: 2. Theory Period of 2 hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

BBA-CA (COMPUTER APPLICATION)

PROGRAM SPECIFIC OUTCOMES

PSO 1:	Analyse the theoretical knowledge with the practical aspects of Organizational setting
PSO 2:	Determine conceptual and analytical abilities required for effective decision making.
PSO 3:	Understand the dynamic and complex working environment of Business.
PSO 4:	Understand the problems faced by the business sector in the Current scenario.
PSO 5:	Understand the rapid changes of services and manufacturing sectors.
PSO 6:	Understand the micro and macro marketing environment.
PSO 7:	Understand the international trade procedure and documentation.
PSO 8:	Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings by demonstrating life skills, coping skills and human values.



BISHOP AMBROSE COLLEGE PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

BBA- CA (COMPUTER APPLICATION)

I YEAR – SEMESTER I

CORE I - PRINCIPLES OF MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts and principles of management
CO2	Apply planning and decision making in organization activities
CO3	Analysis various forms of organizational structure
CO4	Identify the source of recruitment explore selection process and training
CO5	Apply directing and control techniques

Credits: 4. Theory period of 5 hour per week over a semester

CORE II - BASICS OF BUSINESS AND BUSINESS ENVIRONMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire the knowledge about the forms of organization , difference between industry and commerce
CO2	Understand the business and economic systems and steps in starting a new business.
CO3	Distinguish between goods and service , the needs benefits of switching over to electronic mode
CO4	Environmental analysis, needs and diagnosis and know about external and internal environment..
CO5	Understand in detail about liberalization, globalization and privatization. And also WTO &GATT. And also social responsibility of business towards different groups.

Credits: 3. Theory period of 5 hour per week over a semester

ALLIEDI - MATHEMATICS FOR MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the application of Set theory, Matrix and mathematics of finance in management decision making.
CO2	Understand the basic concepts of statistics and its application in business.
CO3	Analyse the quantitative data using basic statistical analysis like Mean, Median, Mode, Standard deviation and coefficient of variation
CO4	Compare the data using correlation and regression.
CO5	Familiarize the students on time series analysis and index numbers

Credits: 4 .Theory period of 6 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR - SEMESTER II

CORE III - ORGANISATIONAL BEHAVIOUR

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the organizational psychology and measurement of Intelligence
CO2	Analysis the perception and motivation
CO3	Analysis various job satisfaction and employee attitude
CO4	Identify the conflict and supervision and training
CO5	Apply the various methods of leadership theories

Credits: 3. Theory period of 5 hour per week over a semester

CORE IV- ECONOMICS FOR EXECUTIVES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know about the objectives of business firms and demand analysis
CO2	Learn about production function and Breakeven analysis.
CO3	Study market structure & pricing strategies
CO4	Understand the various theories of factors of production.
CO5	Know about the involvement of government in business

Credits: 4. Theory period of 6 hour per week over a semester

ALLIEDII - MATHEMATICS FOR MANAGEMENT II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basics of operations research and its application in business management.
CO2	Familiarize in solving Transportation, Assignment and Linear Programming Problem(LPP)
CO3	Know the application of Game Theory in business management.
CO4	Understand network analysis and how it can be used as quantitative tool in controlling.
CO5	Know the procedure to find replacement period for equipment.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR – SEMESTER III

CORE V - FINANCIAL ACCOUNTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts of financial accounting.
CO2	Be able to develop an idea of trial balance, types of errors, Rectification of errors, Bank reconciliation statement.
CO3	Be aware of the basic profit & loss account and balance sheet.
CO4	Preparation of accounting for non-trading institutions and understand the basic concepts of depreciation.
CO5	Preparation of accounts for incomplete records.

Credits: 4. Theory period of 5 hour per week over a semester

CORE VI - PRODUCTION AND MATERIALS MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge of production process and materials management
CO2	Enable to understand the materials handling equipment's and maintenance management.
CO3	Understand the fundamental principles of materials management, purchase procedure and import purchase procedure.
CO4	Know about inventory, techniques of inventory, responsibilities of store keeper and functions
CO5	Gain knowledge about quality control, inspection, bench marking and ISO.

Credits: 4. Theory period of 5 Hour per week over a semester

CORE VII- MARKETING MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand marketing concept and their functions and various marketing environment
CO2	Acquire the buyer behaviour and motivation and learn the marketing strategy
CO3	Learn about product life cycle and product mix
CO4	Understand about pricing policies and physical distribution
CO5	Learn about branding and personality, brand equity

Credits: 4. Theory period of 5 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

COREVIII - PC SOFTWARE MS OFFICE-PRACTICAL

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help students understand the usage of MS word tools like alignments, numbering font styling, sizing and highlighting
CO2	Acquire the techniques of MS word in usage of tables, columns, mail merging, headings and footers borders ,etc.
CO3	Have clear outline on the spread sheets and usage of formulae and the operations in creating charts and various operations in spread sheets
CO4	Help in creating and working with the tools -employee, customer and student database used in companies and various educational institutions respectively.
CO5	Understand the applications used in power point presentation using tools.

Credits: 3. Practical period of 5 hour per week over a semester

ALLIED III - BUSINESS LAW

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help students in understanding about agreement, offer and contract. To understand the capacity of parties and legal rules of offer and acceptance
CO2	Understand about consideration and apply free consent
CO3	Have clear outline on quasi contract, discharge breach of contract
CO4	Have a clear picture on detailed understanding on goods conditions and warranties
CO5	Understand creation of agency and types of agent and termination of agency.

Credits: 4 .Theory period of 5 hour per week over a semester

SKILL BASEDI:COMMUNICATION SKILLS -I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Give the learners extensive practices to develop Listening, speaking, reading and writing skill.
CO2	Develop soft skills among the learners enabling them to communicate effectively and efficiently
CO3	Help the students in developing their communication skills through effective use of English.
CO4	Assist in developing their personality
CO5	Demonstrate appropriate and professional ethical behavior
CO6	Demonstrate critical and innovative thinking.
CO7	Show an understanding of opportunities in the field of communication.

Credits: 3. Practical period of 3 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR – SEMESTER IV

CORE IX - HUMAN RESOURCE MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge in role, functions and status of human resource management.
CO2	Understand the term manpower planning, job analysis and job description in the organization.
CO3	Gain knowledge in recruitment, selection and selection test.
CO4	Know about induction, performance appraisal, Training and Job evaluation.
CO5	Understand career planning, employee grievance and collective bargaining.

Credits: 4. Theory period of 5 hour per week over a semester

CORE X - FINANCIAL MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the meaning, functions and objectives of financial management and also to know about various sources of short term and long term sources of funds.
CO2	Know about cost of capital, sources of capital and meaning of leverages and its classification.
CO3	Have clear outline on capital structure and its influencing factors and also to gain an understanding about dividend and various dividend policies, its sources and determinants.
CO4	Learn about working capital management and its determinants and also motives, objectives and strategies of cash management and receivables management.
CO5	Understand and learn about various budgets and its preparation and also the preparation of various types of capital budgeting.

Credits: 4. Theory period of 5 Hour per week over a semester

CORE XI- FINANCIAL PACKAGE –TALLY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help in creation of new company, create journals, ledgers and vouches
CO2	Understand about preparation of balance and profit and loss account
CO3	Evaluate the purpose of day book and preparation of entries in day book
CO4	Have a clear picture of application of the stock summary and inventory of stock
CO5	Understand the rectification of errors and bank reconciliation statement.

Credits: 3. Theory period of 5 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XI I - MANAGEMENT INFORMATION SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire know about role of MIS in business and decision making.
CO2	Understand the MIS support for different functions and database management.
CO3	Gain knowledge about computer hardware, software and about the classification of computer
CO4	Obtain knowledge about input, output devices and its uses in modern business.
CO5	Know about the telecommunication revolution, e-commerce and electronic payment.

Credits: 4. Theory period of 5 Hour per week over a semester

ALLIED IV: TAXATION LAW AND PRACTICE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Get to knowledge of about Taxation of Direct and Indirect Tax
CO2	Know purpose of Income tax act 1961, Assesses, Assessment year, Previous Year, Exempted Income, Residential Status, Individual Income of Residential
CO3	Learn and find out income under salary and house property
CO4	Computation of income under profits and gains of business
CO5	Understand and find out capital gains & income from other sources
CO6	Read and understand about Goods and Service Tax
CO7	Developing the knowledge of types of GST, Rates of GST and expose to students procedures of GST

Credits: 4. Theory period of 5 Hour per week over a semester

SKILL BASE II: COMMUNICATION SKILLS -II

COUSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Help students in building their vocabulary by using various learning techniques like idioms, phrases, abbreviation, homophones, business terms, etc.,
CO2	Help students learn reading techniques to improve reading and listening through journals, novels, autobiographies, etc.,
CO3	Help students in preparation of application writing and preparation of resume, curriculum vitae, covering letters, job application, business enquiries and also to work analysis of balance sheets
CO4	Help students in filling various applications like railways reservation and cancelation, bank challans, and online NEFT and RTGS, ETC
CO5	Evaluate various types of advertisements negative and positive reviews of online and offline ads like newspaper, job requirement and online pop-up ads.

Credits: 3. Theory period of 3 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR – SEMESTER V

CORE XIII -COST AND MANAGEMENT ACCOUNTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge about the cost accounting with its concepts, classification and its distinction between with management and financial accounting.
CO2	Have a clear understanding on preparation of cost sheet, material pricing, stores ledger and remuneration and incentives in labor cost
CO3	Analyze preparing of financial statement and interpretation of financial statement of companies and also to enable to know various classifications of ratios and analyzing how calculations of ratios are done.
CO4	Acquire knowledge on computing fund analysis and also understand computing cash flow analysis.
CO5	Enable preparation of standard costing and calculation of labor variance and material variance. To understand marginal costing along with estimation of cost volume profit analysis.

Credits: 4. Theory period of 6 hour per week over a semester

CORE XIV: RESEARCH METHODS FOR MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge in the field of research
CO2	Important and types of research
CO3	Sampling process and its types
CO4	Various methods of data collection in research
CO5	Analysis and interpretation of data and application of tools & techniques
CO6	Interpretation and report writing
CO7	Application of research in various areas such as product, Price, promotion & physical Distribution

Credits: 4. Theory period of 5 hour per week over a semester

CORE XV: BUSINESS CORRESPONDENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define an importance of business communication, need of business letters, its function and kinds.
CO2	Explain various trade enquiries.
CO3	Write up the Banking, insurance and agency correspondence.
CO4	Describe the company secretarial correspondence.
CO5	Prepare application letters and business report presentations.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XVI: INTERNET AND WEB PAGE DESIGN THEORY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gives a knowledge on inner working of email and mime types, and also surf's on browsing and publishing concepts.
CO2	Defines and describes about internet and its works, furthermore details on web presentation.
CO3	Delivers the complete theme on search (surfing), search engine, and promotes the protocols usage in internet.
CO4	The basic creation of web page can be created with the hypertext markup language.
CO5	Acquires complete immense knowledge on newsgroups, chat rooms and e- journals & publishing.

Credits: 2. Theory period of 3 hour per week over a semester

ELECTIVE I: MODERN OFFICE MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge of basic concepts of office, functions of office and principle of office organization.
CO2	Gain knowledge in office environment, communication and barriers to communication
CO3	Enable the students to understand the office correspondence, record keeping and record management
CO4	Know the office system, office procedure, work simplification and principles of work simplification
CO5	Understand the office personnel management, function, employee morale and work measurement

Credits: 4. Theory period of 5 hour per week over a semester

III YEAR – SEMESTER VI

COREXVIII: ENTREPRENEURSHIP AND PROJECT MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge of entrepreneurship and project management
CO2	Types of entrepreneurship: Functions of entrepreneurship in economic development
CO3	Factors affecting entrepreneur growth in economic & non – economic environment
CO4	Entrepreneurship development programmers and institutional support to entrepreneurs
CO5	Project management and project life cycle phase
CO6	Project identification and selection, project formulation
CO7	Institutional supporting projects and project evaluation

Credits: 4. Theory period of 6 Hour per week over a semester



BISHOP AMBROSE COLLEGE PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XIX: RDBMS

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing and implementing a DBMS. Understand Functional Dependency and Decomposition.
CO2	Designed and implement a database scheme for a given problem-domain. Normalize a database. Populate and query a database using SQL DML/DDDL commands
CO3	Understand functional dependencies and their relationship to keys. The functional dependency based normalization approach to relational database design.
CO4	Able to understand view of a table whose rows are not explicitly stored in the database but are computed as needed from a views definition and the joint operation is relational algebra.
CO5	Learn programming, management and security issues of working with PL/SQL program units.

Credits: 2. Theory period of 3 Hour per week over a semester

CORE XXI: SERVICES MARKETING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gain understanding about services, its classification and distinction between goods and services. Also to understand the importance, evolution and growth of service sector in Indian economy.
CO2	Enable understanding about service marketing system along with service marketing mix i.e. service product, service pricing, service distribution and delivery.
CO3	Have clear outline on service quality and techniques that area used in measuring the service quality i.e. the GAP model and SERVQUAL.
CO4	Have a clear picture on sectoral perspective of services with that of Hospitality, Travel & Tourism, Financial and Logistics, Educational, Entertainment, Health Care & Medical
CO5	Understand the strategies of services that are implemented in various services sectors i.e. on Financial and educational service sector.

Credits: 4 .Theory period of 5 Hour per week over a semester

ELECTIVE II: ADVERTISING AND SALES PROMOTION

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Procure knowledge in advertising and in types of advertising media.
CO2	Obtain knowledge in advertising agencies, advertising budget and advertising copy.
CO3	Gain knowledge in advertising layout and in advertising campaign.
CO4	Know about sales force management, recruitment and selection of the sales force.
CO5	Enable students easily understand about sales promotion, marketing communication and personal selling.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

BBA

PROGRAM SPECIFIC OUTCOMES

PSO1:	Analyse the theoretical knowledge with the practical aspects of Organizational setting
PSO 2:	Determine conceptual and analytical abilities required for effective decision making.
PSO 3:	Understand the dynamic and complex working environment of Business.
PSO 4:	Understand the problems faced by the business sector in the Current scenario.
PSO 5:	Understand the rapid changes of services and manufacturing sectors.
PSO 6:	Understand the micro and macro marketing environment.
PSO 7:	Understand the international trade procedure and documentation.
PSO 8:	Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings by demonstrating life skills, coping skills and human values.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

BBA

I YEAR – SEMESTER I

CORE I - PRINCIPLES OF MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts and principles of management
CO2	Apply planning and decision making in organization activities
CO3	Analysis various forms of organizational structure
CO4	Identify the source of recruitment explore selection process and training
CO5	Apply directing and control techniques

Credits: 4. Theory period of 5 hour per week over a semester

CORE II - BASICS OF BUSINESS AND BUSINESS ENVIRONMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire the knowledge about the forms of organization, difference between industry and commerce
CO2	Understand the business and economic systems and steps in starting a new business.
CO3	Distinguish between goods and service, the needs benefits of switching over to electronic mode
CO4	Environmental analysis, needs and diagnosis and know about external and internal environment.
CO5	Understand in detail about liberalization, globalization and privatization. And also WTO &GATT. And also social responsibility of business towards different groups.

Credits: 3. Theory period of 5 hour per week over a semester

ALLIED I: MATHEMATICS FOR MANAGEMENT-I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the application of Set theory, Matrix and mathematics of finance in management decision making.
CO2	Understand the basic concepts of statistics and its application in business.
CO3	Analyse the quantitative data using basic statistical analysis like Mean, Median, Mode, Standard deviation and coefficient of variation
CO4	Compare the data using correlation and regression.
CO5	Familiarize the students on time series analysis and index numbers.

Credits: 4. Theory period of 6 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

I YEAR –SEMESTER II

CORE III - ORGANISATIONAL BEHAVIOUR

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the organizational psychology and measurement of Intelligence
CO2	Analysis the perception and motivation
CO3	Analysis various job satisfaction and employee attitude
CO4	Identify the conflict and supervision and training
CO5	Apply the various methods of leadership theories

Credits: 3. Theory period of 5 hour per week over a semester

CORE IV- ECONOMICS FOR EXECUTIVES

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Know about the objectives of business firms and demand analysis
CO2	Learn about production function and Breakeven analysis.
CO3	Study market structure & pricing strategies
CO4	Understand the various theories of factors of production.
CO5	Know about the involvement of government in business

Credits: 4. Theory period of 6 hour per week over a semester

ALLIED II - MATHEMATICS FOR MANAGEMENT II

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basics of operations research and its application in business management.
CO2	Familiarize in solving Transportation, Assignment and Linear Programming Problem(LPP)
CO3	Know the application of Game Theory in business management.
CO4	Understand network analysis and how it can be used as quantitative tool in controlling.
CO5	Know the procedure to find replacement period for equipment.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR – SEMESTER III

CORE V - FINANCIAL ACCOUNTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the basic concepts of financial accounting.
CO2	Develop an idea of trial balance, types of errors, Rectification of errors, Bank reconciliation statement.
CO3	Aware of the basic profit & loss account and balance sheet.
CO4	Preparation of accounting for non-trading institutions and understand the basic concepts of depreciation.
CO5	Preparation of accounts for incomplete records.

Credits: 4. Theory period of 5 hour per week over a semester

CORE VI - PRODUCTION AND MATERIALS MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge of production process and materials management
CO2	Enable students to understand the materials handling equipment's and maintenance management.
CO3	Understand the fundamental principles of materials management, purchase procedure and import purchase procedure.
CO4	Know about inventory, techniques of inventory, responsibilities of store keeper and functions
CO5	Gain knowledge about quality control, inspection, bench marking and ISO.

Credits: 4. Theory period of 5 Hour per week over a semester

CORE VII - MARKETING MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand marketing concept and their functions and various marketing environment
CO2	Acquire the buyer behavior and motivation and learn the marketing strategy
CO3	Learn about product life cycle and product mix
CO4	Understand about pricing policies and physical distribution
CO5	Learn about branding and personality, brand equity

Credits: 4. Theory period of 5 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE VIII - PC SOFTWARE MS OFFICE PRACTICAL

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help students understand the usage of ms word tools like alignments, numbering font styling, sizing and highlighting
CO2	Acquire the techniques of ms word in usage of tables, columns, mail merging, headings and footers borders, etc.,
CO3	Have clear outline on the spread sheets and usage of formulae and the operations in creating charts and various operations in spread sheets
CO4	Help in creating and working with the tools- employee, customer and student database used in companies and various educational institutions respectively.
CO5	Understand the applications used in power point presentation using tools.

Credits: 3. Practical period of 5 hour per week over a semester

ALLIED III - BUSINESS LAW III

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help students in understanding about agreement, offer and contract.
CO2	Understand about consideration and apply free consent
CO3	Have clear outline on quasi contract, discharge breach of contract
CO4	Have a clear picture on detailed understanding on goods conditions and warranties
CO5	Understand creation of agency and types of agent and termination of agency.

Credits: 4. Theory period of 5 hour per week over a semester

SKILL BASED I - COMMUNICATION SKILLS I

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Give the learners extensive practices to develop Listening, speaking, reading and writing skill.
CO2	Develop soft skills among the learners enabling them to communicate effectively and efficiently
CO3	Help the students in developing their communication skills through effective use of English.
CO4	Assist in developing their personality
CO5	Demonstrate appropriate and professional ethical behavior
CO6	Demonstrate critical and innovative thinking.
CO7	Show an understanding of opportunities in the field of communication.

Credits: 3. Practical period of 3 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR – SEMESTER IV

CORE IX: HUMAN RESOURCE MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge in role, functions and status of human resource management.
CO2	Understand the term manpower planning, job analysis and job description in the organization.
CO3	Gain knowledge in recruitment, selection and selection test.
CO4	Know about induction, performance appraisal, and Training and Job evaluation.
CO5	Understand career planning, employee grievance and collective bargaining.

Credits: 4. Theory period of 5 hour per week over a semester

CORE X: FINANCIAL MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Understand the meaning, functions and objectives of financial management and also to know about various sources of short term and long-term sources of funds.
CO2	Know about cost of capital, sources of capital and meaning of leverages and its classification.
CO3	Have clear outline on capital structure and its influencing factors and also to gain an understanding about dividend and various dividend policies, its sources and determinants.
CO4	Learn about working capital management and its determinants and also motives, objectives and strategies of cash management and receivables management.
CO5	Understand and learn about various budgets and its preparation and also the preparation of various types of capital budgeting.

Credits: 4. Theory period of 5 Hour per week over a semester

CORE XI: FINANCIAL PACKAGE –TALLY

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Help in creation of new company, create journals, ledgers and vouchers
CO2	Understand about preparation of balance and profit and loss account
CO3	Evaluate the purpose of day book and preparation of entries in day book
CO4	Have a clear picture of application of the stock summary and inventory of stock
CO5	Understand the rectification of errors and bank reconciliation statement.

Credits: 3. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XII: MANAGEMENT INFORMATION SYSTEM

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire know about role of MIS in business and decision making.
CO2	Understand the MIS support for different functions and database management.
CO3	Gain knowledge about computer hardware, software and about the classification of computer
CO4	Obtain knowledge about input, output devices and its uses in modern business.
CO5	Know about the telecommunication revolution, E-commerce and electronic payment.

Credits: 4. Theory period of 5 Hour per week over a semester

ALLIED IV: TAXATION LAW AND PRACTICE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Get to knowledge of about Taxation of Direct and Indirect Tax
CO2	Known purpose of Income tax act 1961, Assesses, Assessment year, Previous Year, Exempted Income, Residential Status, Individual Income of Residential
CO3	Learn and find out income under salary and house property
CO4	Computation of income under profits and gains of business
CO5	Understand and find out capital gains & income from other sources
CO6	Read and understand about Goods and Service Tax
CO7	Developing the knowledge of types of GST, Rates of GST and expose to students procedures of GST

Credits: 4. Theory period of 5 Hour per week over a semester

SKILL BASE II: COMMUNICATION SKILLS II

COUSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Help students in building their vocabulary by using various learning techniques like idioms, phrases, abbreviation, homophones, business terms, etc
CO2	Help students learn reading techniques to improve reading and listening through journals, novels, autobiographies, etc.,
CO3	Help students in preparation of application writing and preparation of resume, curriculum vitae, covering letters, job application, business enquiries and also to work analysis of balance sheets
CO4	Help students in filling various applications like railways reservation and cancelation, bank challans, and online NEFT and RTGS, ETC
CO5	Evaluate various types of advertisements negative and positive reviews of online and offline ads like newspaper, job requirement and online pop-up ads.

Credits: 3. Theory period of 3 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

III YEAR – SEMESTER V

CORE XIII: COST AND MANAGEMENT ACCOUNTING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge about the cost accounting with its concepts, classification and its distinction between with management and financial accounting.
CO2	Have a clear understanding on preparation of cost sheet, material pricing, stores ledger and remuneration and incentives in labor cost
CO3	Analyze preparing of financial statement and interpretation of financial statement of companies and also to enable to know various classifications of ratios and analyzing how calculations of ratios are done.
CO4	Acquire knowledge on computing fund analysis and also understand computing cash flow analysis.
CO5	Enable preparation of standard costing and calculation of Labour variance and material variance. To understand marginal costing along with estimation of cost volume profit analysis.

Credits: 4. Theory period of 6 hour per week over a semester

CORE XIV: RESEARCH METHODS FOR MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge in the field of research
CO2	Important and types of research
CO3	Sampling process and its types
CO4	Various methods of data collection in research
CO5	Analysis and interpretation of data and application of tools & techniques
CO6	Interpretation and report writing
CO7	Application of research in various areas such as product, price, promotion & physical Distribution

Credits: 4. Theory period of 5 hour per week over a semester

CORE XV: ADVERTISING AND SALES PROMOTION

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Procure knowledge in advertising and in types of advertising media.
CO2	Obtain knowledge in advertising agencies, advertising budget and advertising copy.
CO3	Gain knowledge in advertising layout and in advertising campaign.
CO4	Know about sales force management, recruitment and selection of the sales force.
CO5	Enable students easily understand about sales promotion, marketing communication and personal selling.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XVI: BUSINESS CORRESPONDENCE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Define an importance of business communication, need of business letters, its function and kinds.
CO2	Explain various trade enquiries.
CO3	Write up the Banking, insurance and agency correspondence.
CO4	Describe the company secretarial correspondence.
CO5	Prepare application letters and business report presentations.

Credits: 4. Theory period of 6 hour per week over a semester

ELECTIVE I: MODERN OFFICE MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Obtain knowledge of basic concepts of office, functions of office and principle of office organization
CO2	Gain knowledge in office environment, communication and barriers to communication.
CO3	Enable the students to understand the office correspondence, record keeping and record management
CO4	Know the office system, office procedure, work simplification and principles of work simplification
CO5	Understand the office personnel management, function, employee morale and work measurement

Credits: 4. Theory period of 5 hour per week over a semester

III YEAR – SEMESTER VI

CORE XVII: ENTREPRENEURSHIP AND PROJECT MANAGEMENT

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge of entrepreneurship and project management
CO2	Types of entrepreneurship: Functions of entrepreneurship in economic development
CO3	Factors affecting entrepreneur growth in economic & non – economic environment
CO4	Entrepreneurship development programmers and institutional support to entrepreneurs
CO5	Project management and project life cycle phase
CO6	Project identification and selection, project formulation
CO7	Institutional supporting projects and project evaluation

Credits: 4. Theory period of 6 Hour per week over a semester



BISHOP AMBROSE COLLEGE

PROGRAMMESPECIFIC OUTCOMES & COURSE OUTCOMES

CORE XVIII: INVESTMENT MANAGEMENT

COURSE OUTCOMES: On Completion of the Course Students will be able to

CO1	Learn about forms of investment
CO2	Knowledge gain about capital instruments and shares
CO3	Understand secondary market and SEBI
CO4	Acquired that fundamental analysis
CO5	Learn and understand security analysis

Credits: 4. Theory period of 6 hour per week over a semester

CORE XIX: SERVICES MARKETING

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Gain understanding about services, its classification and distinction between goods and services. Also, to understand the importance, evolution and growth of service sector in Indian economy.
CO2	Enable understanding about service marketing system along with service marketing mix i.e., service product, service pricing, service distribution and delivery.
CO3	Have clear outline on service quality and techniques that aerie used in measuring the service quality i.e., the GAP model and SERVQUAL. Also, to understand the management of service through service quality management
CO4	Have a clear picture on sect oral perspective of services with that of Hospitality, Travel & Tourism, Financial and Logistics, Educational, Entertainment, Health Care & Medical and Telecom Services
CO5	Understand the strategies of services that are implemented in various services sectors i.e., on Financial and educational service sector.

Credits: 4. Theory period of 5 Hour per week over a semester

ELECTIVE II: INSURANCE PRINCIPLES AND PRACTICE

COURSE OUTCOME: On Completion of the Course Students will be able to

CO1	Acquire knowledge of insurance, principles of insurances, IRDA role and its function
CO2	Obtain knowledge in life insurance, general principles of life insurance, LIC role and functions of LIC.
CO3	Know about law relating to life insurance and types of general insurance.
CO4	Gain knowledge in fire insurance, various fire policy, marine insurance and law relating to marine insurance.
CO5	Know about miscellaneous coverage, motor insurance, burglary insurance and rural insurance.

Credits: 4. Theory period of 5 hour per week over a semester



BISHOP AMBROSE COLLEGE POST GRADUATE PROGRAMME

PROGRAMME OUTCOME

PO1	To ensure all round development of personality required for an executive
PO2	To build necessary skills concerning commercial theories and applications to business by using business analytics
PO3	To obtain practical knowledge in commercial activities by understanding training in commercial and industrial establishments
PO4	To develop a broad range of business skills and commercial knowledge, development of general and specific capabilities to meet the current and future expectations of business and industry
PO5	To enrich the necessary competencies and creativity to undertake entrepreneurship as desirable and feasible career option



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

M.Com

PROGRAM SPECIFIC OUTCOMES

PSO1	Undertake a research work with specializations
PSO2	Use software tools to carry out a specified financial analysis of a business application
PSO3	Apply the knowledge gained during the course of the program to solve the real time problems
PSO4	Meet the needs of industry 4.0
PSO5	Communicate effectively with professionals



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

PROGRAMME NAME

M.Com

I YEAR- SEMESTER I

SUB.CODE – 13A MANAGERIAL ECONOMICS

COURSE OUTCOME: After the successful completion of the course the students should able to

CO1 Understand the scope of managerial economics and its relation with other disciplines.

CO2 Analyze the demand determinants and elasticity of demand.

CO3 Gain knowledge on cost concepts and break-even analysis.

CO4 Understand different market competitions and pricing policies.

CO5 Gain thorough knowledge on fiscal policy and public finance.

Credits: 4. Theory Period of 6 Hour per week over a Semester.

SUB.CODE – 13B CORPORATE ACCOUNTING

COURSE OUTCOME: After the successful completion of the course the students should able to

CO1 Have thorough knowledge on final accounts and profit prior to incorporation.

CO2 Analyze the concepts of amalgamation, absorption, external reconstruction and internal reconstruction

CO3 Understand holding company accounts and liquidation of companies

CO4 Gain knowledge on banking company accounts and insurance company accounts

CO5 Understand inflation accounting, human resource accounting and responsibility accounting

Credits: 4. Theory Period of 7 Hour per week over a Semester

SUB.CODE –13C INFORMATION TECHNOLOGY IN BUSINESS

COURSE OUTCOME: After the successful completion of the course the students should able to

CO1 Gain knowledge on hardware and software and its recent developments

CO2 Understand the types of computer systems and generation of computers

CO3 Understand data processing systems and networking concepts.

CO4 Have thorough knowledge on components of computer system and application software programming languages

CO5 Have clear view on e-commerce and World Wide Web sites.

Credits: 4. Theory Period of 6 Hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SUB.CODE – 13D MARKETING MANAGEMENT

COURSE OUTCOME: After the successful completion of the course the students should

CO1	Have thorough knowledge on marketing management and marketing Organization structure.
CO2	Understand the concepts of product development and pricing
CO3	Understand the channels of distribution and factors influencing selection of a channel.
CO4	Gain knowledge on sales promotion and qualities of salesman
CO5	Have an opportunity to know the concepts of advertising and media of advertising.

Credits: 4. Theory Period of 6 Hour per week over a Semester

SUB.CODE – 1EB ELECTIVE I: FINANCIAL MARKETS AND INSTITUTIONS

COURSE OUTCOME: After the successful completion of the course the students should able to

CO1	Have overall idea about the financial markets
CO2	Develop an understanding on the capital market and capital market instruments.
CO3	Know about the financial service institutions
CO4	Understand the important credit rating agencies in the country
CO5	Gain knowledge on the money market institutions and capital market institutions

Credits: 4. Theory Period of 5 Hour per week over a Semester

I YEAR - SEMESTER II

SUB.CODE – 23A BUSINESS RESEARCH METHODS

COURSE OUTCOME: After the completion of course, the students should

CO1	Be able to have thorough knowledge on business research and types of research
CO2	Understand the methods and techniques of sampling
CO3	Gain knowledge on statistical tools used in research and drafting the reports
CO4	Have an opportunity to know the measures of central tendency and regression models
CO5	Analyze different tests of significance and business forecasting

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE – 23B BUSINESS ENVIRONMENT

COURSE OUTCOME: After the completion of course, the students should

CO1	Understand the concepts of business environment and impact of environment on business and strategic decisions
CO2	Be able to analyze industrial policies and regulations
CO3	Know economic systems and economic planning
CO4	Have an opportunity to understand the technological environment
CO5	Understand globalization, FDI and India's policy towards FDI.

Credits: 4. Theory Period of 5 Hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SUB.CODE – 23C APPLIED COST ACCOUNTING

COURSE OUTCOME: After the completion of course, the students should be able to

CO1	Understand the basic concepts of cost accounting, relationship with management accounting and preparation of cost sheet.
CO2	Known material classification, pricing of material issues and returns.
CO3	Have an opportunity to understand accounting of labor cost and labor turnover
CO4	Have knowledge on the concepts of overheads, classification and absorption of overhead cost.
CO5	Gain knowledge to analyze the features of process costing, contract costing and its practical applications

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE – 23D HUMAN RESOURCES MANAGEMENT

COURSE OUTCOME: After the completion of course, the students should be able to

CO1	Gain knowledge on the objectives and implications of human resource management and organization structure
CO2	Have an opportunity to learn about the human resource planning and the reasons for motivation.
CO3	Clear with the human behavior process, learning theories and theories of personality
CO4	Imparted knowledge on discipline, grievances and grievance redressed procedure
CO5	Have clear view on organization conflict, leadership and its theories

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE –23P COMPUTER APPLICATIONS PRACTICAL – I

COURSE OUTCOME: On successful completion of the course the students should be able to

CO1	Have thorough knowledge about internet and its operations in business
CO2	Gain knowledge on the practical applications of MS Word
CO3	Work efficiently in MS Power point.
CO4	Through light on the importance of MS Excel

Credits: 4. Practical Period of 6 Hour per week over a Semester

SUB.CODE –2EB ELECTIVE II: INDIAN STOCK EXCHANGES

COURSE OUTCOME: On successful completion of the course the students should be able to

CO1	Have basic idea on stock exchanges and their functions
CO2	Understand about stock exchanges and their dealings in India.
CO3	Know thoroughly about SEBI.
CO4	Gain knowledge about listing of securities in stock exchange
CO5	Develop an understanding about the applications of internet in stock trading.

Credits: 4. Theory Period of 4 Hour per week over a Semester.



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

II YEAR - SEMESTER III

SUB.CODE – 33A DIRECT TAXES

COURSE OUTCOME: After the completion of course, the students should able to

- | | |
|------------|--|
| CO1 | Know about the Income Tax Act and its scope. |
| CO2 | Understand the concepts of salaries and computation of taxable salary |
| CO3 | Know to compute taxable income from house property. |
| CO4 | Gain knowledge about income from business and compute taxable capital gain |
| CO5 | Have an understanding on Income Tax Authorities and the procedure of assessment. |

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE – 33B MANAGEMENT ACCOUNTING

COURSE OUTCOME: After the completion of course, the students should able to

- | | |
|------------|--|
| CO1 | Have thorough knowledge about management accounting and its basic concepts |
| CO2 | Know about ratio analysis and working capital management. |
| CO3 | Have an understanding on fund flow and cash flow in business. |
| CO4 | Analyze marginal costing and break-even of a company |
| CO5 | Gain knowledge on budgeting and its types. |

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE – 33C FINANCIAL MANAGEMENT

COURSE OUTCOME: On successful completion of the course the students should able to

- | | |
|------------|---|
| CO1 | Understand the concepts of financial management |
| CO2 | Know about the capital formation in a business |
| CO3 | Aware of financial and operating leverages of a company |
| CO4 | Have an understanding the dividend theories. |
| CO5 | Analyze the working capital management of a company |

Credits: 4. Theory Period of 5 Hour per week over a Semester

SUB.CODE – 33D INTERNET AND E-COMMERCE

COURSE OUTCOME: After the completion of course, the students should able to

- | | |
|------------|---|
| CO1 | Understand the basic concepts of internet and its technology. |
| CO2 | Know about the application of internet in business processing |
| CO3 | Be aware of the crimes and protection of security in internet |
| CO4 | Develop an understanding on issues relating to e-commerce. |
| CO5 | Analyze the future of internet in business |

Credits: 4. Theory Period of 5 Hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SUB.CODE – 33P COMPUTER APPLICATIONS TALLY PRACTICAL

COURSE OUTCOME: On successful completion of the course the students should be able to

CO1	Create the companies with VAT options.
CO2	Create various ledger and vouchers
CO3	Maintain stock summary, bill wise details and interest calculations.
CO4	Gain practical knowledge to prepare trading and profit and loss a/c and financial position.

Credits: 4. Practical Period of 6 Hour per week over a Semester

SUB.CODE – 3EB ELECTIVE III: FUTURES AND OPTIONS

COURSE OUTCOME: After the completion of course, the students should be able to

CO1	Have an understanding on the basics of Derivatives and Derivative market.
CO2	Know about Index derivatives.
CO3	Develop understanding on future and forward contract.
CO4	Know the basic concepts of option contract and its pay off.
CO5	Have thorough knowledge on commodity market and about successful commodity markets in the world.

Credits: 4. Theory Period of 4 Hour per week over a Semester

II YEAR - SEMESTER IV

SUB.CODE – 43A INVESTMENT MANAGEMENT

COURSE OUTCOME: On successful completion of the course the students should be able to

CO1	Develop basic idea on investments and its importance.
CO2	Have basic idea on capital markets and the means of raising long term capital.
CO3	Know about the basic concepts of fundamental and technical analysis.
CO4	Understand about the various alternative forms of long-term investment.
CO5	Gain knowledge on portfolio management and theories relating to it.

Credits: 4. Theory Period of 7 Hour per week over a Semester

SUB.CODE – 43B INTERNATIONAL BUSINESS

COURSE OUTCOME: After the completion of course, the students should

CO1	Have basic idea about the environment in international business.
CO2	Develop an idea about the currency markets in the world.
CO3	Know about export marketing and the measures to improve exports.
CO4	Understand the preparation and presentation of project report to raise export finance.
CO5	Gain knowledge on foreign exchange and factors influencing foreign exchange of a country

Credits: 4. Theory Period of 6 Hour per week over a Semester



BISHOP AMBROSE COLLEGE

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

SUB.CODE – 4EB ELECTIVE IV: FUNDAMENTAL AND TECHNICAL ANALYSIS

COURSE OUTCOME: On successful completion of the course the students should

CO1	Develop an understanding on investments and security analysis.
CO2	Have an idea about fundamental analysis.
CO3	Know about industrial company analysis.
CO4	Have basic idea on technical analysis and theories relating to it.
CO5	Understand the usage of charts and moving averages in technical analysis

Credits: 4. Theory Period of 5 Hour per week over a Semester



பிஷப் அம்புரோஸ் கல்லூரி தமிழ்

முதலாம் ஆண்டு-முதல் பருவம்

பாடத்திட்ட கருத்துக்கள்: தமிழ் பயிலும் மாணவர்களுக்கானது

அலகு :1	புதுக்கவிதை- சமுதாயத்திற்கு புதுக்கவிதையின் மூலமாக வாழ்வியல் விழுமியங்களை எடுத்து உணர்த்துதல்
அலகு :2	புதுக்கவிதை- தமிழகத்தில் வாழும் சிறந்த கவிஞர்கள் ,படைப்பாளர்கள் போன்றவர்களைப் பற்றி அறிந்து கொள்ளுதல்
அலகு :3	சிறுகதை- சிறந்த படைப்பாளர்களின் சிறு கதைகளில் மூலம் வெளிப்படும் சமூக சிந்தனைகளை அறிந்து விழிப்புணர்வு பெறுதல் மற்றும் சமூக பிரச்சனைகளை அறிய வைத்தல்
அலகு :4	இலக்கிய வரலாறு- தற்கால இலக்கியங்களான புதுக்கவிதை, சிறுகதை தோன்றி வளர்ந்த பின்புலத்தை அறிதல் மற்றும் பாடப்பகுதியில் உள்ள இலக்கிய வரலாற்றினை அறிதல் மூலம் இலக்கிய பகுதியில் பின்னணியை அறிதல்
அலகு :5	இலக்கணம்- மொழியை பிழையின்றி பேச, எழுத ,கற்க தேவையான தமிழ் இலக்கணத்தின் இன்றியமையாமையை உணர்த்துதல் மொழி பெயர்ப்புப் பகுதி- நடைமுறை வாழ்வியலுக்கு தேவைப்படும் ஆங்கிலக் கடிதத்தை தமிழாக்கம் செய்தலுக்கான பயிற்சி அளித்தல்

அடைவுமதிப்பெண்:4. எழுத்துத்தேர்வு பாடம் ஒரு வாரத்திற்கு 6 மணிநேரம்

முதலாம் ஆண்டு- இரண்டாம் பருவம்

பாடத்திட்ட கருத்துக்கள்: தமிழ் பயிலும் மாணவர்களுக்கானது

அலகு :1	செய்யுள் - மனித சமுதாயத்திற்கு அற இலக்கியங்கள் மூலமாக ஒழுக்கத்தை கற்றுத் தருதல்
அலகு :2	செய்யுள் - பக்தி இலக்கியங்கள் மூலமாக பக்தி நெறிகளை எடுத்துக் கூறுதல்
அலகு :3	உரைநடை - உரைநடை இலக்கியங்களின் மூலம் படைப்பாளர்களின் சிந்தனைகளை எடுத்துக் கூறுதல், மாணவர்களின் வாசிப்பு திறனை மேம்படுத்துதல்
அலகு :4	இலக்கணம் - பிழையின்றி எழுத, படிக்க, பேச இலக்கணங்களைக் கற்றுத் தருதல்
அலகு :5	இலக்கிய வரலாறு - இலக்கிய வரலாற்றின் மூலம் அற இலக்கியங்களைப் பற்றியும் உரைநடையைப் பற்றியும் அவற்றின் சிறப்புகளை அறிதல்

அடைவுமதிப்பெண்:4. எழுத்துத்தேர்வு பாடம் ஒரு வாரத்திற்கு 6 மணிநேரம்



பிஷப் அம்புரோஸ் கல்லூரி தமிழ்

இரண்டாம் ஆண்டு - மூன்றாம் பருவம்

பாடத்திட்ட கருத்துக்கள்: தமிழ் பயிலும் மாணவர்களுக்கானது

அலகு :1	செய்யுள் - காப்பிய இலக்கியங்கள் வாயிலாக அற மற்றும் சமூக சிந்தனைகளை அறிந்து கொள்ளுதல்
அலகு :2	செய்யுள் - நட்பு மற்றும் பக்தி மேம்பாட்டினை அறிய வைத்தல்
அலகு :3	புதினம் - இலக்கியங்கள் காட்டும் சமூக மேம்பாட்டினை உணர வைத்தல்
அலகு :4	இலக்கணம் - பா அணி வகைகளைக் கற்றுத்தந்து படைப்பாக்கத் திறனை வளர்த்தல்
அலகு :5	இலக்கிய வரலாறு - தமிழ் இலக்கிய வரலாற்றில் காப்பியங்கள் மற்றும் புதினத்தின் வளர்ச்சியை அறிதல்

அடைவுமதிப்பெண்:4.எழுத்துத்தேர்வு பாடம் ஒரு வாரத்திற்கு 6 மணிநேரம்

இரண்டாம் ஆண்டு- நான்காம் பருவம்

பாடத்திட்ட கருத்துக்கள்: தமிழ் பயிலும் மாணவர்களுக்கானது

அலகு :1	செய்யுள் - சங்க இலக்கியங்கள் வாயிலாக மக்கட் பண்பை வளர்த்தல்
அலகு :2	செய்யுள் - சங்க இலக்கியம் காட்டும் வாழ்வியல் முறைகளை அறிய வைத்தல்
அலகு :3	நாடகம் -நாடகம் வெளிப்படுத்தும் வரலாற்று செய்திகளை அறிதல்
அலகு :4	இலக்கிய வரலாறு -தமிழ் இலக்கிய வரலாற்றில் சங்க இலக்கியங்கள் மற்றும் நாடக இலக்கியங்களை அறியச் செய்தல். இலக்கணம் - இலக்கணமும், மொழித்திறனும், அக, புற இலக்கியங்களைக் கற்றுத் தருதல்
அலகு :5	படைப்பிலக்கியப்பயிற்சி - கவிதை, சிறுகதை, நூல் மதிப்பீடு, பயிற்சி அளித்தல்

அடைவுமதிப்பெண்:4. எழுத்துத்தேர்வு பாடம் ஒரு வாரத்திற்கு 6 மணிநேரம்