



Shri Shivaji Education Society Amravati's

Shri Shivaji Arts, Commerce and Science College,

Motala, Dist. Buldhana



President

Hon'ble Harshwardhan P. Deshmukh

Principal

Dr. Gajanan N. Jadhao

COURSE OUTCOMES (COs) (CBCS PATTERN)

FACULTY OF ARTS/HUMANITIES/ SOCIAL SCIENCES

COs of B. A. Programmes (CBCS Pattern)

[UG Level]

Marathi Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BA-MAR-SEM-1	बी .ए .B. Com/B. Sc. भाग १, सत्र-१, मराठी)आवश्यक(CO-1: From the assigned literature, Jeevandarshan will get information about contemporary practical knowledge.
		CO-2: There will be knowledge of different types of conceptual fine poetry. They will know the uniqueness of this literary genre and understand the similarities and differences between them. Students will understand the creative form of language through conceptual prose. Also, students will get inspiration from the life work of a great person with character and success in life by overcoming adversity
		CO-3: The thought that it is happening will take root in their money.
		CO-4: Through the application of fine art, the students' knowledge of life will be enriched by attaining happiness, understanding, etc.
		CO-5: The perspective of the students will be enriched by conceptualism, philosophy, poetics, sentimentality, vision of abnormality in ordinary things.
		CO-6: Ability to understand, describe, appreciate, analyze and evaluate a variety of materials. The taste of students will grow and develop. Students will get the education of different types of ethics and life values from this literature. It will be used to live a better

		<p>life. Through the applied component, various skills will be developed in them and they are employable will happen.</p> <p>CO-7: This study will be motivating to become a thinker, writer, poet. Will be helpful. Through this, students will understand how to use language creatively and produce different types of materials. Also they will be employable by practical application.</p>
UG-CB-BA-MAR-SEM-2	<p>बी .ए .B. Com/B. Sc. भाग १, सत्र-2, मराठी)आवश्यक(</p>	<p>1. From the assigned literature, the life philosophy, contemporary practical awareness will be known.</p> <p>2. Vacharik, Lalit, Kavita will be known about various literary forms, they will know the uniqueness of this type of poetry and will understand the difference between them.</p> <p>3. Students will understand the creative form of language through conceptual prose.</p> <p>4. Also, students will get inspiration from the life work of a noble person with character and the idea that success in life can be overcome by overcoming adversity will be instilled in them.</p> <p>5. By reading fine art works, happiness, understanding and knowledge etc. are obtained and related to the student's life Senses will be enriched.</p> <p>6. Conceptualism, philosophy, poetics, sentimentality through the vision of abnormality in ordinary things..</p> <p>7. The perspective of the students will be clear. By increasing the ability to understand, describe, appreciate, analyze and evaluate a variety of materials. 8. Students will develop their taste.</p>
		<p>9. The students will get the education of different types of ethical values and life values from this form of magic. 10. It will be used for better living</p>
UG-CB-BCom-MAR-SEM-2	<p>Programme: Bachelor of Commerce Part-1, Session -II</p>	<p>1. From the assigned literature, life philosophy, contemporary practice awareness will be known. There will be knowledge of various types of literature such as conceptual, fine, poetry. Knowing the uniqueness of this Vad.maya type. It will be taken and the difference between these will be understood.</p> <p>2. Students will understand the creative form of language through conceptual prose. Also, students will get inspiration from the life work of great people with character and overcome the crisis and become successful in life. This thought will take root in their money.</p> <p>3. Life related to the students by getting pleasure, understanding knowledge etc. from reading fine art works ideological. Senses will be enriched.</p> <p>4. The perspective of the students will be enriched by philosophy, poetics, sentimentality, vision of abnormality in ordinary things.</p> <p>5. Students will develop their taste by increasing their ability to understand, describe, appreciate, analyze and evaluate different types of literature.</p> <p>6. Students will learn different types of ethics and life values from this form of drama, which will be used to lead a good life.</p>

		7. Through the 'applied' component they will develop various skills and become employable.
		8. This study will be motivating and helpful to become a thinker, writer, poet.
		9. Through this, students will understand how to use language creatively and produce different types of materials. Also they will be employable by practical application.

English Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-ENG-SEM-1	B. A./B. Com/B. Sc. Sem. I Compulsory English	CO-1: Understand the basic knowledge of English language and literature
		CO-2: Understand the relation between literature and real life
		CO-3: Understand and interpret the prose, poem, short stories
		CO-4: Write the News Report, Letter, Essay, Paragraph etc.
		CO-5: Avail the pleasure of literary forms such as Novel, Poem, Play etc.
		CO-6: Develop interview technique, Reading Skills, Writing Skills and Speaking Skills.
		CO-7: Enhance the interest in English Language.
UG-CB-ENG-SEM-2	B. A./B. Com/B. Sc. Sem. II Compulsory English	CO-1: Understand the basic knowledge of English language and literature
		CO-2: Understand the relation between literature and real life.
		CO-3: Understand and interpret the prose, poem, short stories.
		CO-4: Write the News Report, Letter, Essay, Paragraph etc.
		CO-5: Avail the pleasure of literary forms such as Novel, Poem, Play etc.
		CO-6: Develop interview technique, Reading Skills, Writing Skills and Speaking Skills.
		CO-7: Enhance the interest in English Language
UG-CB-BA-ENGL-SEM-1	B. A. Sem. I English Literature	CO-1: Analyze various forms of literature.
		CO-2: Acquaint them with the forms of structures and aesthetics of style and techniques of literary works
		CO-3: Analyze various elements of literature.
		CO-4: Communicate in English orally and in writing.
		CO-5: Kindle their critical thinking skills
UG-CB-BA-ENGL-SEM-2	B. A. Sem. II English Literature	CO-1: Analyze various forms of literature.
		CO-2: Acquaint them with the forms of structures and aesthetics of style and techniques of literary works
		CO-3: Analyze various elements of literature.

		CO-4: Communicate in English orally and in writing.
		CO-5: Kindle their critical thinking skills

Economics Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BA-ECO-SEM-1 (1022)	B. A. Sem. I Micro Economics	CO-1: Apply knowledge and skill in the field of Economics and will be able to have the employability in these areas.
		CO-2: Describe and apply the methods for analyzing consumer behavior through demand and supply, elasticity..
		CO-3: Perform analysis to analyze the impact of economic events on Markets,
		CO-4: To create a new approach towards the study of Economics.
		CO-5: The course will illustrate how microeconomic concepts can be applied to analyze real-life situations
		CO-6: Analyze the performance of firms under different market structures,
		CO-7: Evaluate the factors affecting firm behavior, such as production and costs
		CO-8: To have better awareness regarding different Factors Pricing Rent, Wages, Interest, and Profit
UG-CB-BA-ECO-SEM-2 (1022)	B. A. Sem. II Economy of Maharashtra	CO-1: Develop ideas of the basic characteristics of Maharashtra's economy and its potential for natural resources.
		CO-1: Understand agriculture as the foundation of economic growth and development, analyze the progress and changing nature of the agricultural sector and its contribution to the economy as a whole
		CO-2: Understand Industry and Infrastructure in Maharashtra
		CO-3: Understand the role of Agriculture in Economy of Maharashtra.
		CO-4: Study the issue of farmer's suicide in Maharashtra.
		CO-5: Study the concept of FDI and its trends in Maharashtra.
CO-6: Consider the role of Industry and Service sector in Economy of Maharashtra		

Political Science Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BA-POL-SEM-1	B. A. Sem. I Indian Political System	CO-1: Understand and explain the significance of Indian constitution as the fundamental law of the land.
		CO-2: To know the making process of the constitution and salient features of Indian constitution.
		CO-3: Exercise the fundamental rights in proper sense at the same time identifies his responsibilities in national building.
		CO-4: Analyze the Indian Political System, the powers and functions of the Union, State Government in detail.
		CO-5: Critically analyzing the important institutions of Indian Union: The Executive: President, Vice-President, Prime Minister, Council of Ministers, State Executive: Governor, Chief Minister, Council of Ministers, The Legislature: Rajya Sabha, Lok Sabha, State Legislature, The Judiciary: Supreme Court and High Court: Composition and jurisdictions.
		CO-6: To make conscious of the social, cultural, economic and political environment that affects politics in India, at the national as well as regional levels.
UG-CB-BA-POL-SEM-2	B. A. Sem. II Indian Political System	CO-1: Understand and explain the significance of Election Commission of India
		CO-2: know the powers and role of Governor, Chief Minister & Council of Minister
		CO-3: Understand structure & powers of Legislative Assembly and Legislative Council
		CO-4: Explain the structure and jurisdiction of High Court and District Court
		CO-5: Know the Composition Function and Powers of Gram panchayat & Gram Sabha

History Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BA-HIS-SEM-1	B. A. Sem. I History of India from Early to 700 A.D	CO-1: Survey the sources of History of Ancient India.
		CO-2: Describe the social, economic, religious and institutional bases of Ancient India.
		CO-3: Analyze development of the concept of Nation- State background of political history.
		CO-4: Study ancient Indian Art & Architecture
UG-CB-BA-HIS-SEM-2	B. A. Sem. I History of India from Early to 701 A.D to 1525 A.D.	CO-1: Survey the sources of History in Sultanate period of India.
		CO-2: Analyze the social, economic, religious and institutional bases of Sultanate period of India.
		CO-3: Known development of the concept of Nation- State background of political history.
		CO-4: Study Sultanate period of India Art & Architecture

FACULTY OF COMMERCE AND MANAGEMENT

COURSE OUTCOMES OF B. COM. PROGRAMMES

[UG Level]

B.Com

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BCom-PA-SEM-1	B.Com. Sem. I Principle of Accountancy	CO-1: Understand important basics accounting knowledge at applicable to business i.e. meaning of accountancy.
		CO-2: Able to handling account transaction
		CO-3: Maintaining sub subsidiary books and all types of cash books
		CO-4: Calculation of depreciation method of assets
		CO-5: Preparation of all types of final account.
UG-CB-BCom-PBE-SEM-1	B.Com. Sem. I Principle of Business Economics	CO-1: Application of Micro & Macroeconomic Concepts
		CO-2: Application of Utility & Indifference Curve Analysis
		CO-3: Application of Demand Pattern
		CO-4: Application of Supply and Production Pattern
		CO-5: Application of Cost & Revenue Pattern
		CO-1: clear understanding of managerial functions

UG-CB-BCom-PBM-SEM-1	B.Com. Sem. I Principle of Business Management	CO-2: Students will have the knowledge of planning process in the organization.
		CO-3: demonstrate the ability to directing, leadership and communicate effectively.
		CO-4: analyze isolate issues and formulate best control tools and techniques
UG-CB-BCom-CFO1-SEM-1	B.Com. Sem. I Computer Fundamental And Operating System-I	CO-1: Get information about evolution and application of computer & its development.
		CO-2: Know about different elements of computer system.
		CO-3: Aware about different types of memory.
		CO-4: Get to know about different input devices and output devices
		CO-5: Learn to prepare a text document with complete formatting and page setting.
UG-CB-BCom-CFOP-SEM-1	B.Com. Sem. I Computer Fundamental And Operating System-I (Practical)	CO-1: Prepare new document using Templates
		CO-2: Change font size & font color
		CO-3: Change line spacing of Paragraph
		CO-4: Change case of Paragraph
		CO-5: Create Bullets, Numbering list
		CO-6: Create Subscript & Superscript
		CO-7: Decrease and Increase of Paragraph indent
		CO-8: Insert Header & Footer in document
		CO-9: Page Setup of Document
		CO-10: Insert Page break, Section break, Columns
		CO-11: learn to final Proofing and printing documents
UG-CB-BCom-FA-SEM-2	B.Com. Sem. II Financial Accounting	CO-1: Rectification of Journal entry
		CO-2: acquire the knowledge of nonprofit organization day
		CO-3: Prepare the all types of cooperative society account
		CO-4: acquired partnership farm accountancy
		CO-5: The bill of exchange contest and unconditional order to pay a create amount on as agree
UG-CB-BCom-BE-SEM-2	B.Com. Sem. II Business Economics	CO-1: Examine the difference between business and managerial economics
		CO-2: Application of Discriminative nature of monopolist.
		CO-3: Application of monopolistic competition, oligopoly, and perfect competition
		CO-4: Application of demand and supply pattern of rent and wage
		CO-5: Application of the theories of interest and profit
UG-CB-BCom-PBO-SEM-2	B.Com. Sem. II Principle of Business Organization	CO-1: To Familiar with business organization
		CO-2: Understand the concepts related to Business policies.
		CO-3: Demonstrate the roles, skills and functions of management
		CO-4: To diagnose and solve organizational problems and develop optimal managerial decisions.
UG-CB-BCom-CFO2-SEM-1	B.Com. Sem. II Computer Fundamental & Operating System II	CO-1: Get basic introduction of Computer and mobile operating systems

		CO-2: Know concept of windows versions.
		CO-3: Create and delete file in File Explorer
		CO-4: Know concept of modern communication and network topologies
		CO-5: Create e-mail account and compose e-mail message.
		CO-6: Create table, utilizing existing Template provided by Microsoft and add customization on Template according to user needs
		CO-7: Identify steps in the process and complete an activity to create a mail merge.
		CO-8: Develop the skill of power point programs.
		CO-9: Insert various graphical objects on slide.
		CO-10: Add different Transition, Animation, Sound and Timing effect to Slide
		CO-11: Run a presentation on computer screen.
UG-CB-BCom-CFO2P-SEM-1	B.Com. Sem. II Computer Fundamental And Operating System-II (Practical)	CO-1: Know how to organize files/folder in File Explorer
		CO-2: Understand different customization setting in windows 10.
		CO-3: Create windows login Account which is necessary for Windows10
		CO-4: Create table, utilizing existing Template provided by Microsoft and add customization Template according to user needs
		CO-5: Add header and footer to long list of pages which is crucial
		CO-6: Complete Mail Merge process
		CO-7: Change layout of pages
		CO-8: Create Presentation, designing slides and add different Transition and Animation effect to objects and Slide

FACULTY OF COMMERCE AND MANAGEMENT
COURSE OUTCOMES OF M. COM. PROGRAMMES

[PG Level]

M.Com

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
PG-CB-MCom-ME-SEM-1	M.Com. Sem. I Managerial Economics	CO-1: Application of concepts of Managerial Economics in the process of business decision making
		CO-2: Application of demand supply concepts towards consumer choices
		CO-3: Compare economies and dis-economies scale of production in real life situation

		CO-4: Assessment of Production process determination in various industries
		CO-5: Impact of business cycles in Agriculture, Industry, Services and Share Market
		CO-6: Application of pricing practices in various markets and bargaining tendencies thereof.
PG-CB-MCom-SMC-SEM-1	M.Com. Sem. I Service Marketing & Customer Relationship Management	CO-1: Students will understand seven phases of marketing of service in depth.
		CO-2: Student will understand strategic issues peculiar of service marketing.
		CO-3: Students will understand an importance of new and innovative concepts of CRM, especially E-CRM.
		CO-4: Demonstrate idea creation and implementation of CRM for different service sector.
PG-CB-MCom-Af&Ca-SEM-1	M.Com. Sem. I Advanced Financial & Cost Accounting	CO-1: Investments are assets held by an enterprise for earning income
		CO-2: Final Accounts gives an idea about the profitability and financial posting of business to its management, owners and other interested parties.
		CO-3: The cost sheet is prepared to ascertain cost of product/job/operation or to give autotimer or to determine tender price for supply of goods or providing service
		CO-4: Operating result the operating result is the surplus or deficit for the year under the Accounting Standard framework an getting result recognizes all revenues and operating expenditure.
		CO-5: Accounting for construction contracts is the allocator of contract revenue and contract.
PG-CB-MCom-BIS-SEM-1	M.Com. Sem. I Banking & Insurance Services	CO-1: Application of CIBIL Score in qualifying the proposal of advances
		CO-2: Impact of Monetary Policy on various industries
		CO-3: Impact of PMJJBY & PMSBY
		CO-4: Assessment of Claim Settlement Procedure of Life Insurance
		CO-5: Assessment of Claim Settlement Procedure of General Insurance
PG-CB-MCom-AMD-SEM-1	M.Com. Sem. II Accounting for Managerial Decision	CO-1: Ratio analysis compares line item data from a company's financial statements to reveal regarding profitability individually operated ... and solvency
		CO-2: A cash flow analysis determines a company's working capital the amount of money available to run business operation and complete transaction. That is Calculate as current assets and current liabilities.
		CO-3: The outcome of Anoint in the statistics This ratio shows the difference between the within group variance and which ultimately produces a figure which allows a conclusion that the hypothesis is supported or rejected.

		CO-4: BEO tells you how many units of a product must be sold to cover the fixed and variable cost of production. The BEP is considered a measure of the margin of
		CO-5: Budgetary control is the process of preparation of budgets for various activities and company the budget figures for arriving at decision of any which to be elemental in future. Thus budget is a means and budgetary control is the end result. revenue and contract.
PG-CB-MCom-SM-SEM-1	M.Com. Sem. II Strategic Management	CO-1: Demonstrate decision making ability and dynamism
		CO-2: Will understand major theories, background work, concept and research output in the field of strategies management.
		CO-3: Demonstrate a proper meaning of the tools and technique used by executives in executing strategies and will appreciate its integrative and interdisciplinary nature
		CO-4: Demonstrate practical situation for diagnosing and solving organizational issues.
		CO-5: Relate theories and device application of it.
PG-CB-MCom-MCOB-SEM-1	M.Com. Sem. II Management Concept & Organizational Behavior	CO-1: Understand decision making process both at individual level and in group.
		CO-2: Understand Power, Politics, and Accomplishing organizational goals.
		CO-3: demonstrate ability to manage conflicts
		CO-4: determine Leadership style according to the situation.
PG-CB-MCom-CABP-SEM-1	M.Com. Sem. II Computer Application in Business (Practical) Skill Enhancement Course	CO-1: Describe what micro soft word 2013 and how it is useful in both personal and professional life.
		CO-2: Create a new document, work with a document, format text insert and work with clip arts and pictures, use the mail merge, print documents and create high quality document designs and layouts.
		CO-3: Enter the accounting transactions in computerized format and gate the financial results.
		CO-4: Acquire the skill of financial decision making and interpret the financial statements as well as evaluation of stock of the end.
		CO-5: Apply the micro soft office Excel program and modify a worksheet. Work with cell references
		CO-6: Learn to use functions and formulas. Create and edit tables, charts and graphs. Import and export data.

FACULTY OF SCIENCE AND TECHNOLOGY
 COURSE OUTCOMES OF B. Sc. PROGRAMMES
 [UG Level]

Physics Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BSc-PHY-SEM-1	B. Sc. Sem. I Mechanics, Properties of matters, Oscillations & Relativity	CO-1 Discuss the basic concepts of rotational dynamics.
		CO-2: Examine the phenomenon of simple harmonic motion, distinction between undamped, damped and forced oscillations along with the concept of resonance.
		CO-3: Explain the superposition of simple harmonic motion and acquire the knowledge of ultrasonic waves, their production, detection and applications in different field.
		CO-4: Determine the constants of elasticity and relate it with appropriate things.
		CO-5: Interpret the postulates of special theory of relativity.
UG-CB-BSc-PHY-SEM-2	B. Sc. Sem. II Electrostatics, Magnetostatics, Ultrasonic Waves and Acoustics, Network Theorems	CO-1 Discuss the concept of scalars & vectors and their properties.
		CO-2: Develop an understanding of Gauss law and its applications to obtain electric field in different cases.
		CO-3: Formulate the relationship between electric displacement vector, electric polarization and dielectric constant.
		CO-4: Distinguish between the magnetic effect of electric current, electromagnetic induction and the related laws in appropriate circumstances.
		CO-5: Simplify electrical circuits by applying various network theorems.

Botany Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BSc-BOT-SEM-1	B. Sc. Sem. I diversity of microbes , phychology, mycology and phytopathology	CO-1: understand microbial diversity, reproduction and economic importance
		CO-2: differentiate the microbes, algae and fungi on the basis of morphology, cellular organization, nutrition and metabolic activities.
		CO-3: classify and identify the various algal genera
		CO-4: classify and identify the various fungal genera.
		CO-5: Apply understanding of microbial diversity, phychology and mycology for teaching primary to high school students
UG-CB-BSc-BOT-SEM-2	B. Sc. Sem. II Bryophytes, Pteridophytes, Gymnosperms and Morphology of Angiosperms	CO-1: demonstrate on understanding of Archegoniate, Bryophytes, Pteridophytes and Gymnosperms.
		CO-2: identify and classify plants from Bryophytes, Pteridophytes and Gymnosperms.
		CO-3: develop critical thinking on morphology, anatomy and reproduction of Bryophytes, Pteridophytes and Gymnosperms.
		CO-4: acquire skill of collection and preservation of Bryophytes, Pteridophytes and Gymnosperms.

Zoology Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BSc-ZOO-SEM-1	B. Sc. Sem. I Life and diversity of Animals (Non-chordata)	CO-1: Develop a deeper sense with respect to phylum Protozoa to Echinodermata relation to taxonomy, classification, body organization and general characteristics this strengthens students' capability in basic zoology.
		CO-2: grasp various the Systematic positions from Protozoa to Echinodermata their pathogenicity and its epidemiology.
		CO-3: describe unique characters and recognize life functions of Protozoa, Porifera, Coelenterate, Helminthes, Arthropoda, Annelida, Mollusca and Echinodermata.
		CO-4: Improve ability and apply Knowledge of Non-chordates for its execution in Agriculture especially with the phylum Arthropoda..
		CO-5: Implement an extensive idea about economic and ecological significance of various non-chordates phylum's in human life.
UG-CB-BSc-ZOO-SEM-2	B. Sc. Sem. II Life and diversity of	CO-1: Know 'what the chordates are?
		CO-2: Learn about the different phylum of chordates.

	Animals (Chordate) and concept of Evolution	CO3: confidently explain the general characters and classification of Protochordates up to class Mammalia.
		CO-4: understand the level of organization in chordate
		CO-5: explain the origin and evolutionary relationship in different subphylum's of chordates.
		CO-6: describe specific features of Protochordates up to class Mammalia.
		CO-7: recognize and differentiate life functions of Protochordates up to class Mammalia.
		CO-8: understand Migration in fishes and birds, parental care in Amphibians and Poisonous and non-poisonous snakes.
		CO-9: explain the adaptations in Birds and Mammals.

Chemistry Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BSc-CHEM-SEM-1	B. Sc. Sem. II Chemistry	CO-1: Solve the conceptual questions using the knowledge gained by studying periodicity in atomic radii, ionic radii, and ionization energy and electron affinity of elements.
		CO-2: Apply concepts of acids and bases as well as non-aqueous solvents and their industrial usage.
		CO-3: Compare different reaction intermediates, functional group chemistry through the study of methods of preparation, properties and chemical reactions with underlying mechanism.
		CO-4: Choose correct synthetic approach to prepare derivatives of industrially important molecules.
		CO-5: Solve different numerical problem of varying difficulty associated with gaseous and liquid state.
		CO-6: Apply the concepts from advanced mathematics to solve the derivation of different chemical formulae.
UG-CB-BSc-CHEM-SEM-2	B. Sc. Sem. II Chemistry	CO-1: Analyze the given organic compound qualitatively by different tests.
		CO-2: Prepare the derivative of the provided substance.
		CO3: Illustrate the practical skills in volumetric analysis.
		CO-4: Differentiate types of titrations e.g. acid-base, redox, etc.
		CO-5: Comprehend the kinetics of reactions and interpret the experimental data.
		CO-6: Calculate, communicate and analyze the result.

Mathematics Department

Course Code	Name of the Course	Course Outcomes- After completing this course students Should be able to..
UG-CB-BSc-MATHS-SEM-1	B. Sc. Sem. I Algebra and Trigonometry	CO-1: find inverse and normal form of matrices.
		CO-2: evaluate the characteristic equation, eigen value and corresponding eigen vector of a given matrix.
		CO-3: evaluate relation between the roots and coefficients of equations.
		CO-4: to study application of De Moivre's theorem.
		CO-5: compute summation of trigonometric series.
UG-CB-BSc-MATHS-SEM-2	B. Sc. Sem. II Vector Analysis and Geometry	CO-1: interpret the vectors, their products, differentiation and integration.
		CO-2: determine curvature and torsion.
		CO-3: apply the concepts of divergence, curls which are useful in physics.
		CO-4: describe the different forms of sphere and properties.
		CO-5: discuss the equations of cone and cylinder.
Computer Science Department		
UG-CB-BSc-CPS-SEM-1	B.Sc. Sem I	CO-1: Understand the computer, I/O and peripheral devices.
		CO-2: Understand concept of Operating systems.
		CO-3: Apply the Programming concepts.
		CO-4: Learn C language.
		CO-5: Write Simple C Programs.
UG-CB-BSc-CPS-SEM-2	B.Sc. Sem. II	CO-1: Implement basic data structures such as arrays, stacks.
		CO-2: Use linked list, trees and queues.
		CO-3: Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data.
		CO-4: Describe the procedural and object-oriented paradigm with concepts of streams, classes, functions, data and objects.
		CO-5: Perform programming on functions, inline functions, constructor and destructor.

		CO-6: Perform programming on the concept of function overloading, operator overloading, virtual functions and polymorphism.
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