

St. Anne's Degree College – Virajpet

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

Program outcomes, program specific outcomes and course outcomes are communicated to the students, parents, teachers and all the stakeholders in the following ways.

- The Vision, mission and core values of the institution are displayed in the prominent place of the college campus.
- Even though the course outcomes are given by the Board of Studies committee of the Mangalore University. Depending upon the requirements, few additional inputs are framed at the departmental level in which the heads of the departments along with the subject colleagues review the course outcome, during the commencement of each unit and after its completion.
- The admission committee takes the initiative to brief the course outcomes to the candidates who takes the application for admission.
- The concepts of Program outcome and Program Specific Outcome are communicated to the students at the time of orientation for their core understanding.
- The parents are informed about the Program outcome and Program Specific Outcome at time of admission by giving college prospectus and also during PTA meetings.
- Action plan and lesson plan is prepared by each department at the beginning of the academic year.
- Tools like classroom seminars and Assignments are used to make the students understand and learn the benefits of the program opted by them.
- Alumni and students Interaction sessions are conducted, encouraging the exchange of ideas, between the successful and well placed alumni with the students.
- The Guest Lecturing is often conducted, where technical experts are invited to share their knowledge with the students.
- Internal assessment components are used for evaluating the progress of the students

B.COM PROGRAM OUTCOME

PO1: Apply the knowledge of commerce and business fundamentals in solving complex and dynamic organizational problems.

PO2: Students will possess excellent Communication skill and Presentation skill.

PO3: Help them to be more responsible and also apply the principles of professional ethics.

PO4: Develop the ability to work effectively as an individual, and as a member or a leader in diverse team.

PO5: Make the students employable and at the same time stay confident in facing future day to day business challenges.

PO6: Students dream to become an Entrepreneur is nurtured

PO7: Encourages the students towards nation building by making them an asset to the country.

PO8: Recognize the importance of life-long learning in the broadest context of complex business world.

B.COM PROGRAM SPECIFIC OUTCOME

PSO1: Understand the fundamentals and basic concepts of accounting, finance, marketing, business taxation, auditing, human resource management and principles of management.

PSO2: Students will gain theoretical and practical knowledge on problem solving and management skills.

PSO3: Students will get the base for the Post graduation and professional exams like M.com, MBA, MFA, CA, CS, ICWA etc.

PSO4: Acquaint them to take up further research in the field of marketing, finance and stock market.

PSO5: Understand the behavior of financial and money market which will help them to analyze and take wise investment decisions.

BCOM COURSE OUTCOME

FIRST SEMESTER

First semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Business Economics	BCMCMC101	CO1: Nature and scope of economics, policies of micro and macro economics. CO2: To apply the theoretical concepts of demand and supply in the real practical world. CO3: Use of different demand forecasting techniques and application of different pricing techniques in business.
Financial Accounting I	BCMCMC102	CO1: Help them to understand the basic accounting concepts and policies. CO2: Develop the ability to identify and rectify the errors in accounting. CO3: Learn to prepare the financial statements of a sole trader and non-trading concerns.
Principles of Management	BCMCMC103	CO1: Discuss the basics of management, its functions and evolution of management thought. CO2: Understand and apply the management functions like: planning, organising, directing and controlling. CO3: To be able to meet the challenges of modern management.
Business Statistics and Mathematics	BCMCMC104	CO1: Identify the role of statistics in business & the analytical tools available for decision making. CO2: Use measures of association to evaluate statistical relationship between different factors & determine the validity of these results. CO3: Demonstrate correct usage of measures of central tendency & measures of dispersion to describe data & perform analysis data based on the results of these measures.

SECOND SEMESTER

Second semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Money and Public Finance	BCMCMC201	CO1: To understand the basic concept of money and functioning of money market. CO2: Objectives of monetary and fiscal policy. CO3: Understand functions of budget its impact on the economy.
Financial Accounting II	BCMCMC202	CO1: Prepare double entry system of accounting from the incomplete records. CO2: Valuation of consignment stock and abnormal loss, consignment accounts. CO3: Preparing ledger and journal under hire purchase and instalment system.
Modern Banking	BCMCMC203	CO1: This course provides an introduction to the economics of banking and covers different aspects of modern banking activities. CO2: Course intended to introduce to students main elements and principle of banking, banking system and types of banking activities. CO3: Explain banking risk and discuss on risk management matter.
Business Statistics and Mathematics	BCMCMC204	CO1: Determining the relation and prediction of business variables through correlation and regression analysis. CO2: Business Forecasting through Analysis of Time Series. CO3: Applying statistics in day to day management of business.

THIRD SEMESTER

Third Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
International Trade and Finance I	BCMCMC301	CO1: To understand the features and significance of international trade. CO2: To gain knowledge on components of balance of payment, its disequilibrium and correction. CO3: To understand the role of international economic forums like: WTO, European union.
Financial Accounting III	BCMCMC302	CO1: Treatment of goodwill as per Indian accounting standards. CO2: To understand various circumstance leading to changes in partnership deed. CO3: To learn accounting treatment with the change in the constitution of partnership.
Cost & Management Accounting I	BCMCMC303	CO1: To understand the basic concepts like: cost, cost accounting, cost accountancy and management accounting CO2: Prepare the cost sheet. CO3: To get an insight on the issue relating to material control, Pricing and labour.
Business Taxation I	BCMCMC305	CO1: Familiarize the students with the Legal Provisions and Procedural aspects of Income Tax. CO2: Determination of Residential Status of Individual – HUF – Firm – Company. CO3: Computation of income from salary and all the provisions related to the same.

FOURTH SEMESTER

Fourth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
International Trade and Finance II	BCMCMC401	CO1: To know about the Origin and Growth of MNC's (Multi National corporation) and Capital movement. CO2: Understand about Foreign exchange market. CO3: Assess the impact of Foreign exchange rates, Dealers in Foreign exchange and various types of exchange contracts in International trade.
Financial Accounting IV	BCMCMC402	CO1: To understand and prepare Royalty accounts CO2: Preparing branch and departmental accounts. CO3: SEBI guidelines on Underwriting of shares
Cost & Management Accounting II	BCMCMC403	CO1: Identification and absorption of overheads on different basis. CO2: To learn about integrated and non-integrated accounting system CO3: Need and procedure of Reconciliation of cost and financial accounts.
Business Taxation II	BCMCMC405	CO1: To know the legal provision of income tax with relation to different heads of income. CO2: Rules governing Depreciation – Additional Depreciation - Computation of Depreciation and Written Down Value under Block of Assets Method. CO3: Computation of income under various heads like: house property, Business or profession, Capital gains and other sources.

FIFTH SEMESTER

Fifth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Business Law	BCMCMC501	CO1: To make them aware about various Laws relating to commercial activities. CO2: To understand the mode of discharge of Contract and Remedies for the Breach of Contract. CO3: Develop acceptable attitudes and view points with respect of legal environment of business.
Modern Marketing	BCMCMC502	CO1: Understand the current role of marketing in the business and society. CO2: Comprehend the marketing issues in a growing business context through real marketing case studies and anecdotes. CO3: Develop the cognitive and analytical ability with application of marketing knowledge required for marketing career prospects.
Financial Management I	BCMCMC503	CO1: To enable the students to understand the basic concepts and tools of finance applied in the corporate financial affairs. CO2: To develop the knowledge and skills expected of a Finance Manager, in relation to financial decisions.
Financial Accounting V	BCMCMC504	CO1: To know the accounting treatment for redemption of Debentures and Preference shares. CO2: Methods of valuation of shares and goodwill. CO3: Prepare Financial statements of the companies.
Cost & Management Accounting III	BCMCMC505	CO1: To understand the basic concepts & processes use to determine product costs CO2: To be able to analyse & evaluate inflation for last ascertainment, planning, control & decision making CO3: Learn solve problems on contract costing and process contract.
Business Taxation III	BCMCMC507	CO1: To know about various deductions that can be claimed from 80C to 80U. CO2: Gain knowledge about set-off & carry forward of losses CO3: To learn legal provisions applicable while doing the assessment of partnership firm and companies.

SIXTH SEMESTER

Sixth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Indian Corporate Law	BCMCMC601	CO1: To demonstrate a comprehensive and accurate knowledge of law relating to the formation, administration and operation of a company. CO2: To develop and understanding of current policy, trends and developments in corporate law in Indian scenario. CO3: To demonstrate an in-depth understanding of the companies act, 2013 along with all its amendments.
Auditing	BCMCMC602	CO1: To familiarise the students with the basics of Auditing. CO2: To create awareness of principles and procedure of auditing. CO3: It will help the students to imbibe the audit culture, critical thinking and analytical skills leading to the enhancement of employability in the auditing domain.
Financial Management II	BCMCMC503	CO1: To enable the students to acquire working capital management skills CO2: To understand the advanced concepts and techniques in corporate financial affairs in relation to investment and dividend policy decisions.
Financial Accounting VI	BCMCMC604	CO1: To know about External Reconstruction, Absorption and Amalgamation of Indian companies. CO2: Preparation of financial statements of banking companies. CO3: To prepare final accounts of companies in latest vertical form as stated in companies act- 2013.
Cost & Management Accounting IV	BCMCMC605	CO1: To acquaint students with basics of Management Accounting. CO2: To impart knowledge on the short term and long-term decision-making techniques and methods. CO3: To understand the concept of sources and application of funds.
Business Taxation IV	BCMCMC607	CO1: To familiarize the students with the provisions of Indirect Taxation Laws in India. CO2: Exposed to details of indirect tax like customs duty, central excise tax. CO3: Is taught with reference to the relevant amendments made to GST by GSTC and by Finance Acts passed in the Parliament from time to time.

BBA PROGRAM OUTCOME

- PO1:** To provide adequate basic understanding about management education among the students.
- PO2:** To develop viable alternatives and make effective decisions
- PO3:** To understand finance and other core business content.
- PO4:** To train the students in communication and business skills effectively.
- PO5:** To provide the strong foundation for their higher studies.
- PO6:** To inculcate entrepreneurial skill and make students employable in various companies.

BBA PROGRAM SPECIFIC OUTCOMES

- PSO1:** Understand the components of Business Functions.
- PSO2:** To create social sensitivity and make aware of social ethics and responsibilities.
- PSO3:** Analyze the theoretical knowledge with the practical aspects of Organizational to develop technical and managerial skill.
- PSO4:** To understand the changing aspects of Global prospective.
- PSO5:** To develop entrepreneurship, interpersonal skills, critical and analytical thinking abilities.

BBA COURSE OUTCOME

FIRST SEMESTER

First semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Principles of Economics	BBABMC151	COS1: To understand the basic economic concepts and theories. COS2: To know the essential of economics in business management.
Business Organization	BBABMC152	COS1: Describe the different ways in which organization may be structured COS2: Understand basic concepts of organizational structure COS3: Explain the advantages and disadvantages of centralized & decentralized organizations.
Principles of Management	BBABMC153	COS1: Evaluate the global context for managerial actions of planning, organizing & controlling. COS2: Integrate management principles into management practices. COS3: Determine the most effective action to take in specific situations in the organization.
Accounting -I	BBABMC154	COS1: To know the different forms of accounts in trading & non-trading concerns. COS2: To know the fundamentals of book-keeping and accounting.

SECOND SEMESTER

Second semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Managerial Economics	BBABMC155	COS1: Construct & use Economic models to describe economic behavior. COS2: It gives knowledge about cost output relationship & price determination under different forms of market. COS3: Theoretic & practical knowledge about price forecasting
Business Entrepreneurship And Environment	BBABMC156	COS1: To evaluate the ethical obligations & responsibilities of businesses & organizations. COS2: Creates awareness about the present issues in business. COS3: Analyze the changing economic, legal and social environment.
Accounting-Ii	BBABMC157	COS1: To familiarize the accounts of non-trading concern, consignment account and partnership account. COS2: Describe the main elements of Hire purchase and instalment account.
Managerial Communication	BBABMC158	COS1: Identify the range of communication media to be used in various business scenarios. COS2: Understand the differences in communication methods & its suitability in business concerns. COS3: Evaluate personal communication, verbal& non-verbal, formal& informal to identify specific areas for improvements.

THIRD SEMESTER

Third Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Commercial Law	BBABM203	COS1: To familiarize the students with the relevant legislations affecting business
Marketing Management	BBABMC252	COS1: To equip the concepts and its implication of marketing. COS2: To know the emerging issues in marketing.
Business Statistics And Mathematics	BBABMC253	COS1: To acquaint the basic knowledge of business statistics and mathematics. COS2: To analyze business and managerial data. COS3: To facilitate managerial decision making.
Income Tax	BBABMC254	COS1: To known about business management with income tax Law. COS2: To considering the latest amendments and enactments.
Corporate Accounting	BBABMC255	COS1: To acquire the conceptual knowledge of the corporate accounting. COS2: To learn the techniques of preparing the financial statements.
Human Resource Management	BBABMC256	COS1: To acquire the students to understand the element of HRM

FOURTH SEMESTER

Fourth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Modern Banking Management	BBABMC257	COS1: To provide knowledge on the working of banking and the financial system. COS2: To create awareness on the digital banking skills.
Computer Application In Management	BBABMC258	COS1: To know the latest development in the field of computer. COS2: To give a brief ideal about the application of computer in business. COS3: Able to know the basic of management information system.
Fundamentals Of Financial Management	BBABMC259	COS1: To acquaint with the fundamentals of financial management concepts and techniques. COS2: To know the changing role of financial system.
Human Resource Management	BBABMC260	COS1: To understand the elements of human resource management. COS2: To know the basic concepts of HRM And its functions.
Corporate Accounting	BBABMC261	COS1: To acquire the conceptual knowledge of corporate accounting. COS2: To learn the techniques of preparing financial statement.

FIFTH SEMESTER

Fifth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Commercial Law	BBABMC354	COS1: To familiarize the relevant legislations affecting business. COS2: To describe the legality of object which influence the business.
Cost Accounting	BBABMC355	COS1: To know the costing terminology, principles and applications. COS2: To create the application of costing methods and techniques in the business enterprises.
Event Management And Public Relations	BBABMC356	COS1: To promote theoretical insight of both the Event Management and Public Relations discipline. COS2: To equip theories concepts and process of various forms of event management and public relations.
Export Management	BBABMC357	COS1: To bring awareness about export business activities and its potential for business occupation for students.
Marketing Management: Retail And Service Marketing	BBABMC358	COS1: To acquaint the concept of retail and service marketing. COS2: To know the changing trends in retailing and service marketing.
Human Resource Development	BBABMC359	COS1: To know the way of developing the Human Resource. COS2: To understand the recent developments in HRD.

SIXTH SEMESTER

Sixth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Company Law	BBABMC361	<p>COS1: To give an insight into the provisions of the companies act.</p> <p>COS2: To know the formation, running and closure of Joint stock companies.</p>
Investment Management	BBABMC362	<p>COS1: To give a general idea regarding the nature and types of investment opportunities in India.</p> <p>COS2: To know the pool of investment especially in mutual fund.</p> <p>COS3: To identify the tools and techniques for investment.</p>
Cost And Management Accounting	BBABMC363	<p>COS1: To expose the cost & management accounting methods and techniques used in practice.</p> <p>COS2: To analyses the various methods for allocation of cost related aspects.</p>
Auditing	BBABMC364	<p>COS1: To acquaint the learners of Management with the intricacies of auditing.</p> <p>COS2: To know the auditing needs for the business.</p> <p>COS3: To understand the Procedure & Practices of auditing.</p>
Marketing Management: Advertisement And Sales Management	BBABMC366	<p>COS1: Acquaint the concepts of advertising, sales and its applications in the business.</p> <p>COS2: To enable the students to learn the process, tools and techniques of marketing research and an understanding of consumer behavior.</p> <p>COS3: To enable the students to learn different aspects of advertising & sales management.</p>
Hrm: Industrial Relations And Labour Legislations	BBABMC367	<p>COS1: To understand industrial relation functions.</p> <p>COS2: To provide a framework for analysis of industrial relations problem.</p> <p>COS3: Understand the mechanism of settlement through the machineries provide by the legislations.</p>

--	--	--

BCA PROGRAM OUTCOME (PO)

PO1: Understand the key concepts of computer application.

PO2: Analyze, design, implement and evaluate computerized solutions to real world problems using appropriate computing methods.

PO3: Develop practical skills to provide Solutions to industry, Society and business.

PO4: To Communicate effectively in all the forms.

BCA PROGRAM SPECIFIC OUTCOME (PSO)

PSO1: Understand the basic concepts of Digital Logic and Computer Design, Object Oriented Programming concepts, Oracle and SQL databases, Assembly Languages and Web Applications.

PSO2: Understand standard Software Engineering and Project Management concepts in Software project development.

PSO3: Students will be able to know various trends in technology development.

PSO4: To prepare graduates who will have a successful professional career in both Industry and Government sectors where computer applications are deployed.

BCA COURSE OUTCOME

FIRST SEMESTER

First semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Fundamentals Information Technology	BCA103	<p><u>CO1:</u> Ability to understand basic structure of computer and concepts of information technology.</p> <p><u>CO2:</u> To understand various storage devices.</p> <p><u>CO3:</u> Exercise MS Office 2003 and 2007.</p>
C Programming	BCA104	<p><u>CO1:</u> Understand basic structure of the c programming, and exercise user defined data types including structures and unions to Solve problems.</p> <p><u>CO2:</u> write c program using pointers to access arrays, strings and functions.</p> <p><u>CO3:</u> Exercise file concept to show input and output of files in c.</p>
Computer Organization	BCA105	<p><u>CO1:</u> Ability to perform computer arithmetic operations.</p> <p><u>CO2:</u> Ability to understand various number systems and their arithmetic.</p> <p><u>CO3:</u> To understand various data transfer techniques in digital computer.</p>

SECOND SEMESTER

Second semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Basics of Networking	BCA203	<p><u>CO1:</u> To understand the basic concepts of Networking.</p> <p><u>CO2:</u> Understand the architectural principles of computer networking and compare different approaches to organizing networks</p> <p><u>CO3:</u> Explain key networking protocols and their hierarchical relationship in the context of a conceptual model such as the OSI and TCP/IP framework</p> <p><u>CO4:</u> Identify core networking and infrastructure components and the roles they serve.</p>
Object Oriented Programming Using C++	BCA204	<p><u>CO1:</u> To understand the concepts of OOP's.</p> <p><u>CO2:</u> Apply C++ features to program design and implementation.</p> <p><u>CO3:</u> To understand dynamic memory management techniques using pointers, constructors, destructors etc.</p>
Database Concepts And Oracle	BCA205	<p><u>CO1:</u> Able to understand the difference between database system and file system.</p> <p><u>CO2:</u> Demonstrate and understanding of the relational data model.</p> <p><u>CO3:</u> Formulate ,using SQL, Solution to a broad range query and data update problems</p>

THIRD SEMESTER

Third Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Basic Mathematics	BCA301	<p><u>CO1:</u> Can simplify and evaluate algebraic expressions, solve linear equations.</p> <p><u>CO2:</u> Apply, evaluate and prove trigonometric equations and differentiation techniques to solve applied problems.</p> <p><u>CO3:</u> Apply the set theory and relational concepts and graphs and tree concepts to different application.</p>
Microprocessor	BCA302	<p><u>CO1:</u> Able to write programs to run on 8086 microprocessor based systems.</p> <p><u>CO2:</u> To understand basic architecture of 16 bit and 32bit microprocessors.</p> <p><u>CO3:</u> To understand the overview of microcontrollers.</p>
Data Structures	BCA303	<p><u>CO1:</u> Able to use linear and non-linear data structures like stacks, queues, linked list etc.</p> <p><u>CO2:</u> Implement various sorting and searching techniques in c and C++ languages.</p> <p><u>CO3:</u> To understand the concept of trees and tree traversing.</p>
Operating System	BCA304	<p><u>CO1:</u> Understanding the concepts, structure and design of Operating system.</p> <p><u>CO2:</u> Understand the process management and scheduling of processes and its allocation policies,</p> <p><u>CO3:</u> Effectively use Software development tools including libraries, pre-processors, compilers, linkers and make files.</p>
Data Mining	BCA305	<p><u>CO1:</u> Provides the concepts and techniques in processing gathered data or information which will be used in various applications.</p> <p><u>CO2:</u> It focuses on the methods of knowing, pre-processing and warehousing data and presents information about data warehousing, OLAP.</p> <p><u>CO3:</u> Introduces the concept and methods for data clustering, mining frequent patterns, associations and correlations for large data sets as described.</p>

FOURTH SEMESTER

Fourth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Computer Graphics and Multimedia	BCA401	<p><u>CO1:</u> Understanding of the core concepts of computer graphics.</p> <p><u>CO2:</u> Familiarity with key algorithms for modelling and rendering graphical data.</p> <p><u>CO3:</u> Develop understanding of technical aspect of multimedia system and understand the various file formats for audio, video and text media.</p>
Visual Basic.Net	BCA402	<p><u>CO1:</u> To build windows application using structured or object-based programming techniques and create application that use ADO.NET.</p> <p><u>CO2:</u> Understand .Net framework and describe some of the major enhancements to the new version of Visual Basic.</p> <p><u>CO3:</u> Describe the basic structure of a Visual Basic .Net and use main features of the Integrated Development Environment (IDE).</p>
TCP/IP	BCA403	<p><u>CO1:</u> An ability to understand the basic concepts of data communication and responsibility of each layers of reference model.</p> <p><u>CO2:</u> an ability to understand the operations of various protocols.</p> <p><u>CO3:</u> implement the concepts of naming and addressing to Internet IPv4 and their Extensions to IPv6.</p>
E-Commerce	BCA404	<p><u>CO1:</u>Develop database driven web application</p> <p><u>CO2:</u>Understand key security issues of E-commerce</p> <p><u>CO3:</u> Master the development life cycle of mobile applications.</p>
System Analysis and Design	BCA405	<p><u>CO1:</u> A firm basis for understanding the life cycle of a system development project.</p> <p><u>CO2:</u> Gather data to analyse and specify the requirements of a system and design system components.</p> <p><u>CO3:</u> Build general and detailed models that assist programmers in implementing a system.</p>

FIFTH SEMESTER

Fifth Semester consists of the following subjects:

SUBJECT	SUBJECT CODE	COURSE OUTCOME
Software Engineering	BCA501	<p><u>CO1:</u> Explain needs for Software specifications, also they can classify different types of Software requirements and their gathering techniques.</p> <p><u>CO2:</u> Convert the requirement model into the design model and demonstrate the use of Software and user interface design principles.</p> <p><u>CO3:</u> To know basics of testing and understanding concepts of Software quality assurance and Software configuration.</p>
Linux Environment	BCA502	<p><u>CO1:</u>To install and configure the Linux operating system for single and multi-user environment</p> <p><u>CO2:</u> Use the command line interface for basic user, file and system maintenance</p> <p><u>CO3:</u> Configure and use the X Windows graphical user interface.</p>
Web.Net	BCA503	<p><u>CO1:</u> To design, build, deploy web application using ASP.NET.</p> <p><u>CO2:</u> To demonstrate the importance of HTML and XHTML tags in structured layer with content using Cascading style Sheet.</p> <p><u>CO3:</u> Create database driven ASP.NET web applications and web services.</p>
Java Programming	BCA504	<p><u>CO1:</u> Understanding the use of good object oriented design principles including encapsulation and information hiding.</p> <p><u>CO2:</u> The implementation will demonstrate the use of variety of basic control structures including selection, repetition; classes and objects in a tiered architecture; primitive and reference data types including composition; basic AWT components; file based I/O AND ARRAYS.</p> <p><u>CO3:</u> Develop Software in the java programming language.</p>

<p>Distributed Computing</p>	<p>BCA505</p>	<p><u>CO1:</u> Demonstrate knowledge of the basic elements and concepts related to distributed systems technologies.</p> <p><u>CO2:</u> Demonstrate knowledge of the core architectural aspects of distributed systems and to implement the distributed applications.</p> <p><u>CO3:</u> Demonstrate knowledge of details the main underlying components of distributed systems such as RPC, RMI.</p>
<p>Management Information System</p>	<p>BCA506</p>	<p><u>CO1:</u> Understand the leadership role Management Information Systems in achieving business competitive advantage through informed decisions.</p> <p><u>CO2:</u> Analyse and synthesize business information and systems to facilitate evaluation of strategic alternatives</p> <p><u>CO3:</u> Effectively communicate strategic alternatives to facilitate decision making.</p>