Department of Computer Science

Bachelor of Computer Application (BCA)
Programme Outcomes:

(Technical Outcomes)
PS1: Demonstrate understanding of the principles and working of the hardware and software aspects of the computer system
PS2: use professional engineering practices, strategies and tactics for the development, operation and maintenance.
PS3: provide effective and efficient real time solutions using acquired knowledge in various domain.
(Professional Outcomes)
PS4: Ethics:-Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
PS5: Individual and team work :function effectively as an individual, and as a member or leader

Course Outcomes:

Computer Fundamental & ICT Hardware	On successful completion of this subject the students should have Knowledge on Digital circuits, Microprocessor architecture, and Interfacing of various components.
Communicative English	Enable the student to get sufficient knowledge on communication.
Introduction to C Programming	On successful completion of this subject the students have the programming ability in C Language
Mathematics	On successful completion of this subject the students have the knowledge in determinants and matrices, complex numbers limits and derivatives calculus ets
Data Structure and Algorithm	To design and implementation of various basic and advanced data structures. To introduce various techniques for representation of the data in the real world. and to develop application using data structures.
Computer Based Accounting and Financial Management	On successful completion of this course, the student should be well versed in the concept of Business Finance and the Application of Finance to Business
Digital Logic Fundamentals	On successful completion of this subject the students should have Knowledge on Digital circuits, Microprocessor architecture, and Interfacing of various components.
Environmental Studies	Enable the student to get sufficient knowledge on environmental aspects.
Software Engineering	To introduce software project management and to describe its distinctive characteristics and to

	discuss project planning and the planning process and show how graphical schedule representations are used by project management and the risk management process
Computer Organization and Architecture	On successful completion of this subject the students have the knowledge in logic gates, memory sub system and i/o subsystem etc
Database Management System.	To inculcate knowledge on RDBMS concepts and Programming with MySql
Object Oriented Programming in C++	To inculcate knowledge on Object-oriented programming concepts using C++.
Laboratory - C++ programming and DBMS	
Operating System	Enable the student to get sufficient knowledge on various system resources
Web Technology	To inculcate knowledge in web technological concepts and functioning internet
Java Programming	To inculcate knowledge on Java Programming concepts
System Administration using Linux	On successful completion of this subject the students have the knowledge to explore the linux operating system
Computer Networks	To inculcate knowledge on Networking concepts and technologies like wireless, broadband and Bluetooth.
Open Source Software	On successful completion of this subject the students have the programming ability in open source software like LaTeX, scilab, and python Languages
Project Work	The aim of the Project work is to acquire practical knowledge on the implementation of the programming concepts studied.
Computer Oriented Numerical Methods and Statistical techniques	On successful completion of this subject the students have the knowledge in representations of numbers, solution of non linear equations, solutions of simultaneous equations etc
Data Mining & Warehousing	On Successful Completion of this subject the students should have knowledge on Data mining Concepts
Mobile Applications	On successful completion of this subject the students have the programming ability in Android