

## PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES, COURSE OUTCOMES

Program Outcome	Students will establish themselves as effective professionals by solving real problems through the use of computer science knowledge and with attention to team work, effective communication, critical thinking and problem solving skills. Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields. Students will develop ability to use the techniques, skills, and modern IT tools necessary for IT practice.
Program Specific Outcome	The ability to get Jobs in MNC's as Software Developer, System Programmer, Network Analyst, Test Engineer, Technical Support Engineer, Network Administrator etc. Public Services – KAS, IAS, IPS, UPSC, Central Services and Defense Services (Army, Navy, and Air Force). Banking sector and Government undertakings. Entrepreneurship – one can have own startups. Universities as Case Workers and Data entry operators, High Schools.
<b>Course: BCA</b>	<b>Outcomes</b>
Fundamentals of information technology	The ability to learn about the basics of excel, PowerPoint, access word document which are basic necessary of the computer information's and the basics of the computer subjects.
C programming	It is the basics of all the programming language. So it gives the programming outcomes for field.
Computer organization	The ability to understand theory of Computer Organization and Computer Design, to understand the functions of various hardware components, digital design and their building blocks, to understand Boolean algebraic expressions to digital logic. In depth understanding of how different hardware components are related and work in coordination, to understand computer behavior and input/output peripherals.
Basics of networking	The ability to understand Overview of Networking, Network communication standards, Network Topologies, to understand LAN Cables and connectors used and Wireless LANs, to understand LAN Protocols, Network Addressing, to understand WAN hardware and protocols and to understand Network Operating Systems.
Object oriented programming using C++	This course enables the advance of the C programming language, which consist of advance concept
RDBMS and ORACLE	To inculcate knowledge on RDBMS concepts and Programming with Oracle.
Basic mathematics	
Microprocessors	This course provides the basic understanding of methods of how a microprocessor works its evolution and assembly level language.
Data structures	Learn 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.

Operating system	The ability to understand System Components, Operating System Services, Process Scheduling, CPU Scheduling, Scheduling Criteria, Scheduling Algorithms, to understand Process Synchronization, Deadlocks, Methods of Handling Deadlock, Memory Management, Virtual Memory, File System, to understand Linux, Linux commands.
Data mining	This subject provides the basic knowledge regarding to how store and process large volume of data from multiple sources, apply different algorithms to obtain different patterns and hidden knowledge from vast database.
Computer graphics and multimedia	To inculcate knowledge on Graphics & Multimedia concepts and to apply the creativity in real-time using algorithms and animation techniques.
Visual basic Net programming	To inculcate knowledge on developing GUI interfaces programming skills using Visual Basic On successful completion of the course the students should have understood NET Framework, VB.NET, and ASP.NET
Principles of TCP/IP	Enable the students to understand the purpose and history of the TCP/IP protocol suite. To Describe the Internet standards process and the purpose of a Request for Comments (RFC) document.
E-commerce	On Successful Completion of this subject the students should have: - E-Commerce , E-Market , EDI , Business Strategies etc.,
Software engineering	This subject which helps the student to understand the basics about the project work and also helps them to create a documents regarding to their final year project.
Linux environment	This course will prepare students to develop software in and for Linux environments. It include basic operating system concepts, effective command line usage, shell programming, the C language, programming development tools, system programming, network programming (client server model and sockets), and GUI programming.
Web development in NET	This course enables the students to enhance their interest in the developing the web page or making a knowledgeable creativity
Java programming	To inculcate knowledge of Programming logic concepts, which enables the students to create wide range of Applications and Applets using Java by understanding fundamentals of object oriented programming in Java, including defining classes, invoking methods, using class libraries, etc.
Distributed computing	On successful completion of the course the students should have understood the trends and principles of distributed computing.