

## Course Outcome - Bachelor in Computer Application (BCA)

Code	Course Name	Course Outcome
BCA 101	Fundamentals of Accounting	<ul style="list-style-type: none"> <li>• To understand fundamental concepts of financial accounting.</li> <li>• To understand the basics of cost accounting.</li> <li>• To maintain and record financial transactions in books of accounts.</li> <li>• To prepare final accounts of sole proprietary business.</li> <li>• To prepare Cost Sheet and record the transactions of materials.</li> </ul>
BCA 102	Fundamentals of Computer	<ul style="list-style-type: none"> <li>• Acquire the knowledge of fundamentals of Computer and Operating System.</li> <li>• Develop problem solving skill through algorithms and flowcharts.</li> <li>• Understand the basics of computer networking and internet.</li> </ul>
BCA 103	Programming in C - I	<ul style="list-style-type: none"> <li>• Understand the basic concepts of C Programming for problem-solving and illustrate the C data types, syntax and constructs.</li> <li>• Illustrate C for decision making, branching and looping statements</li> <li>• Understand the concept of Array and Strings to solve different problems.</li> </ul>
BCA 104	Web Design - I	<ul style="list-style-type: none"> <li>• Acquainted with elements, Tags and basic structure of HTML files.</li> <li>• Up skills the knowledge of basic and advanced web designing.</li> <li>• Students were implement effective use of List and Tables.</li> <li>• Students were implement effective web page navigation.</li> <li>• Students were capable to design web page layout</li> <li>• Students were understood and implement use of style sheet.</li> </ul>
BCA 105	Lab on Computer Fundamental	<ul style="list-style-type: none"> <li>• Students can able to understand the installation of operating system.</li> <li>• Students can understand basic DOS command, and different browser.</li> <li>• Student understands different platforms, Internet, mails, tables</li> <li>• Students can learn text formatting and table formatting.</li> <li>• Students capable to design power point presentation, tables, shapes, smart arts and charts</li> </ul>
BCA 106	Practical on Web Design - I	<ul style="list-style-type: none"> <li>• Students were able to design consistent look and feel web pages.</li> <li>• Students were capable to use multimedia in web page.</li> <li>• Students were implement effective web page navigation.</li> <li>• Students were capable to design web page layout</li> <li>• Students were implement use of style sheet.</li> </ul>
BCA 107	Lab on C Programming	<ul style="list-style-type: none"> <li>• Students understand the input output functions.</li> <li>• Students can understand the use of various operators. Students can understand the use of control statements. Students can design the various expressions in C</li> <li>• Students can understand the array and its type.</li> </ul>
BCA 201	Professional Communication	<ul style="list-style-type: none"> <li>• To develop his verbal and non-verbal communication ability</li> <li>• To communicate with people effectively and confidently.</li> <li>• To draft effective business correspondence documents.</li> <li>• To make and present well designed and informative presentations</li> </ul>
BCA 202	Database Management System	<ul style="list-style-type: none"> <li>• Introduction to the basic concepts of database management systems. Learning to design databases using ER modeling.</li> <li>• Learning to apply integrity constraints.</li> <li>• To understand and demonstrate database schema.</li> </ul>

		<ul style="list-style-type: none"> <li>• Understand and demonstrate Relational databases, SQL.</li> </ul>
BCA 203	Programming in C – II	<ul style="list-style-type: none"> <li>• Apply the concepts of Function modules, its usage</li> <li>• Apply the concepts of memory allocation using Pointers</li> <li>• Understand the concepts of structures and unions: declaration, initialization and implementation.</li> <li>• Learn to draw different graphics objects.</li> <li>• Learn to store and apply the data using files.</li> </ul>
BCA 204	Web Design - II	<ul style="list-style-type: none"> <li>• Student were able to embed JavaScript in web page</li> <li>• Students successfully added interactivity in web page</li> <li>• Students were applied validation on web form</li> <li>• Students were implemented different events.</li> <li>• Students were familiar with bootstrap framework.</li> </ul>
BCA 205	Lab on DBMS	<ul style="list-style-type: none"> <li>• Students can able to create the database.</li> <li>• Students can understand basic database commands.</li> <li>• Students can understand constraint.</li> <li>• Students capable to design SQL using different clause.</li> </ul>
BCA 206	Lab on C Programming - II	<ul style="list-style-type: none"> <li>• Student was able to understand the concept of Function techniques</li> <li>• Students were able to understand the storage classes</li> <li>• Students were able to understand pointer and its uses.</li> <li>• Students were able to design the basic graphics objects</li> <li>• Students understood the operations on file and command line argument.</li> </ul>
BCA 207	Lab on Web Design - II	<ul style="list-style-type: none"> <li>• Student were able to develop web page using JavaScript</li> <li>• Students successfully added interactivity features in web page</li> <li>• Students were implemented validation on web form</li> <li>• Students were implemented different events.</li> <li>• Students were familiar with bootstrap framework.</li> </ul>
BCA 301	Mathematics and Statistics for Managers	<ul style="list-style-type: none"> <li>• To impart the required knowledge of Mathematics and statistics for managerial activities among students.</li> </ul>
BCA 302	Management Information Systems	<ul style="list-style-type: none"> <li>• To impart the knowledge of MIS among students</li> </ul>
BCA 303	JAVA Programming	<ul style="list-style-type: none"> <li>• To impart the knowledge of object oriented programming using java among students.</li> </ul>
BCA 304	LINUX Operating System.	<ul style="list-style-type: none"> <li>• To make students understand the features of Linux operating system</li> <li>• To make students learn the components of Linux</li> <li>• To learn basic Linux commands and printing Linux documents.</li> </ul>
BCA 305	Practical on JAVA.	---
BCA 306	Practical on Linux.	---
BCA 307	Practical on Tally ERP	<ul style="list-style-type: none"> <li>• To practically train students in Accounting using Tally ERP</li> </ul>
BCA 401	Introduction to Information System Audit.	<ul style="list-style-type: none"> <li>• To impart the knowledge and importance of Information System and Audit among Students for Quality Management.</li> </ul>
BCA 402	RDBMS	<ul style="list-style-type: none"> <li>• To prepare students in using and managing Relational databases and its applications</li> </ul>
BCA 403	C#.NET.	<ul style="list-style-type: none"> <li>• To impart the knowledge of object oriented programming using C# among student.</li> </ul>

BCA 404	Data Structure.	<ul style="list-style-type: none"> <li>To impart the knowledge of data structure among student.</li> </ul>
BCA 405	Practical on C#.NET.	<ul style="list-style-type: none"> <li>To practically train students in programming in C#.NET</li> </ul>
BCA 406	Practical on RDBMS.	---
BCA 407	Practical on Data Structures.	<ul style="list-style-type: none"> <li>To practically train students in Data structure using C++</li> </ul>
BCA 501	Entrepreneurship Development	<ul style="list-style-type: none"> <li>To impart the knowledge of Entrepreneurship Development among students.</li> </ul>
BCA 502	Cyber Security	<ul style="list-style-type: none"> <li>To impart the knowledge of Cybercrime and cyber security among students.</li> </ul>
BCA 503	ASP.NET Technology	<ul style="list-style-type: none"> <li>To impart the knowledge of web development in students in by using ASP.NET</li> </ul>
BCA 504	Software Engineering	<ul style="list-style-type: none"> <li>The course has been designed to provide a foundation of systems principles and an understanding of System development.</li> </ul>
BCA 505	Practical on ASP.NET	<ul style="list-style-type: none"> <li>To practically train students in developing web pages using ASP.NET</li> </ul>
BCA 506	Practical on CASE Tool with MS-VISIO and Software Testing	<ul style="list-style-type: none"> <li>To practically train students in using CASE tools for designing real time system diagrams.</li> </ul>
BCA 507	Field work on IT Project Assessment	<ul style="list-style-type: none"> <li>To understand the issues in implemented IT project by assessing it using research methodology.</li> </ul>
BCA 601	e-Commerce & m - Commerce	<ul style="list-style-type: none"> <li>To impart the knowledge of e-Commerce &amp; m - Commerce among students.</li> </ul>
BCA 602	Cloud Computing	<ul style="list-style-type: none"> <li>This course will help the students to get familiar with cloud computing fundamentals, architecture, services, implementation and deployment techniques etc</li> </ul>
BCA 603	Android Application Development	<ul style="list-style-type: none"> <li>The use of mobile communication and android based applications are increasing day by day. It is therefore necessary for students to know that how mobile communication works and how to build mobile apps for android operating system. This course covers the necessary concepts which are required to understand mobile communication and to develop Android Applications</li> </ul>
BCA 604	Server Side Scripting using PHP	<ul style="list-style-type: none"> <li>To impart the knowledge of web development in students in by using PHP</li> </ul>
BCA 605	Practical on Android & PHP	<ul style="list-style-type: none"> <li>To practically train students in developing Mobile application and web pages using PHP</li> </ul>
BCA 606	Practical on Employability Skills	<ul style="list-style-type: none"> <li>To practically train students in developing required employability skills</li> </ul>
BCA 607	Project Report & Viva	<ul style="list-style-type: none"> <li>To prepare students to use applications of the theory and practical learned during the course.</li> </ul>