

**Program Outcome, Course Outcome,
Skill Development Areas
&
Employability Scopes of BCA Program**

Paper to be taught	Course Outcome	Program Outcome	Skill to be Developed	Employability
MJ-1 (Problem Solving and Programming with C)	The students will be able to write programs for different applications using C language	1.Students are able to write programs in C, C++ & JAVA. 2.Students can know about the Operating System & can use various applications. 3.Students can develop the skills necessary to handle software projects. 4.To create and manage database management system. 5.Students awareness about hardwares and softwares. 6.Students will be able to write programs for website.	Understand the Fundamentals of Programming, Algorithm Design, Coding, Debugging & Testing.	Software Developers, System Programmers, Cloud Engineers, Mobile App Developers etc.
MN-1A (Fundamentals of Computer Science)	The students will be able to know about the various devices, their workings of computers		Understand the Architecture, Digital Logic, Operating Systems, Computer Networks, Software and Hardware of Computer System.	Data Scientist, Cybersecurity, IT Consultant, Network Engineers, New Startups etc.

Department: BCA

PROGRAM OUTCOME

1. Software developer
2. Database Programmer
3. Computer operator
4. Web developer
5. Network Engineer
6. Database Administrator
7. Data Scientist

PROGRAM SPECIFIC OUTCOME

1. C, C++ & JAVA languages (Students are able to write programs in these languages)
2. Operating system (Students can know about the operating system & can use various applications of it).
3. Software Engineering (students can develop the skills necessary to handle software projects).
4. Relational Database Management (To create and manage the database)
5. Fundamental of computer science & Digital Electronics (Students awareness about hardware and software)
6. Web Technology (Students will be able to write the programs for web site)

COURSE OUTCOME

• MJ-1 (Th): Problem Solving and Programming with C

The students will be able to write programs for different applications using C language.

MN-1A: Fundamentals of Computer Science

The students will be able to know about the various devices, their workings of computers.

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MJ-2 (Th): Object Oriented Programming with C ++

The students will be able to learn basic concepts of OOPS & creation of basic & oops related C++ programs.

MJ-3 (Th): Data Structures using C++

The students will be able to know details about the Data Structure, their applications, advantages and limitations of various data structures, real life use and implementation of various data structures.

MN-2A: ENTREPRENEURSHIP DEVELOPMENT

Students will be able to learn the entrepreneurial cultural and industrial growth so as to prepare themselves to set up and manage their own small units.

MJ-4 (Th): Relational Data Base Management System

The students will be able to know models of RDBMS and also will be able to learn to create, update, administer and interact with a relational database.

MJ-5(Th): Java Programming Language-I

The students will be able to learn basic concepts of OOPS & creation of basic oops related Java programs.

MJ-6 (Th): Java Programming Language-II

The students will be able to improve their OOPS programming skills in core Java, use of packages, applets for software development.

MJ-7 (Th): Operating System Concepts

The students are able to know about the functionality of operating system and principle behind the operation of system & their uses.

MJ-8 (Th): Software Engineering

Students will be able to design software by applying the software engineering principles.

MN-2B: Web Technology

Students will be able to learn about basics of web programming using HTML, Java Script, XML for scripting & Making static and dynamic websites.

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