COURSE OUTCOME
P.G. Department of Computer Science & IT
(ODD Semester)

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed. Semester-I

CO. 1	Students will develop skills for productivity software and OS
CO. 2	Know and use different number systems and the basics of programming
CO. 3	Solve basic computational problems with C language
CO. 4	To acquire basic programming skills
CO. 5	Students will be able to discover their interest in programming

Course/Paper name-Computer Fundamental & PC Software

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester-III

CO. 1	Demonstrate the concepts of numerical methods used for different applications
CO. 2	Gain experience in the implementation of numerical methods using a computer.
CO. 3	Trace error in these methods and need to analyze and predict it.
CO. 4	Learning of application of Statistical methods.
CO. 5	Provide knowledge of various significant and fundamental concepts

Course/Paper name-Computer Oriented Numerical & Statistical Methods

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester-V

CO. 1	Understand the basic Concepts and applications of database System

CO. 2	Understand the relational database design principles
CO. 3	Familiar with the basic issues of transaction processing and concurrency control
CO. 4	Familiar with database storage structures and access techniques
CO. 5	Demonstrate their understanding of key notions of query evaluation and optimization techniques.

Course/Paper name- Database Management System & Oracle

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester‑VII

Course/Paper name- DEVELOPING ICT COMPETENCIES

CO. 1	Check whether their teaching practices are in line with national policies.
CO. 2	Make pedagogical use of ICT in accordance with curricular standards.
CO. 3	Choose the appropriate ICT for each of the teaching and learning methodologies.
CO. 4	Define the functions of the technological tools to be used.
CO. 5	Address inclusive learning through ICT

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester‑VII

Course/Paper name- Pedagogy of Computer Science

CO. 1	Analyze problems and design appropriate algorithms
CO. 2	Demonstrate the paradigm of object oriented programming
CO. 3	Students will be able to perform basic UNIX networking tasks including setting up a LAN using NIS.
CO. 4	Students will be able to read-understand-write short scripts in a Unix shell.
CO. 5	Students will be able to use math induction and recursive definitions and algorithms.

(Even Semester)

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester‑II

CO. 1	Understanding a concept of object thinking within the framework of functional model.
CO. 2	Understanding a defensive programming concept. Ability to handle possible errors during program execution.
CO.	Ability to work with arrays of complex objects.

3	
CO. 4	Understanding a functional hierarchical code organization.
CO. 5	Ability to define and manage data structures based on problem subject domain.

Course/Paper name- Programming using C

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester‑IV

CO. 1	Understand the object-oriented programming concepts like Inheritance, abstraction, polymorphism etc.
CO. 2	Develop algorithms and analyze them step by step to solve real-world problems
CO. 3	Perform search and sort operations to filter data by utilizing different searching and sorting techniques
CO. 4	Understand tokens, expressions and control structure
CO. 5	Demonstrate how to control errors with exception handling.

Course/Paper name- Data Structure & Programming Language using C++

Name of the class- B.A./ B.Ed. (Computer Science) / B.A./B.Ed.Semester‑VI

CO. 1	Develop scripts for information technology applications.
CO. 2	Analyze a problem and identify and define the computing requirements for the appropriate solutions
CO. 3	To understand the computational problems, identify and abstract the programming task involved.
CO. 4	Provide knowledge of different units of computer like processing unit, IO unit, and storage unit.
CO. 5	Understand and apply the basic vocabulary and principles of computer software, hardware and networks.

Course/Paper name- Basics of IT