

## Department of Computer Science

Programme Outcome (PO), Programme Specific Outcome (PSO), and Course Outcome (CO) for the academic year 2018-19

<b>Programme Outcome</b>	<p>After successful completion of three year B.Sc. degree program in computer science students should able</p> <p>PO-1: To develop problem solving abilities using a computer.</p> <p>PO-2: With the knowledge of Computer Science they can identify and analyze the problem, and define the computing requirements appropriate to its solution.</p> <p>PO-3: To develop professional skills related to software industry that prepare them for immediate employment.</p> <p>PO-4: An ability to apply mathematical foundation, algorithm principles and computer science theory in modeling, design, implement and evaluate a computer-based system to meet desired needs. An ability to apply the Technology and computing in the core information technologies.</p>
<b>Programme Specific Outcome</b>	<p>PSO-1: The ability to understand, analyze and develop computer programs in the areas related to algorithms, multimedia, application program, and database for efficient design of computer-based systems of varying complexity.</p> <p>PSO-2: Design and develop computer programs and understanding the principles and working of hardware and software aspects of computer systems.</p> <p>PSO-3: To Enhance skills and adapt new technologies for attaining professional excellence.</p> <p>PSO-4: An ability to communicate effectively with a range of audiences</p> <p>PSO-5: An ability to use current techniques, skills, and tools necessary for Computing practice.</p>
<b>Course Outcome</b>	
<b>Course</b>	<b>Outcome</b>
DSC 3A: Object oriented programming using C++	<p>CO-1: To understand the problem solving techniques using computer</p> <p>CO-2: To understand the programming concepts and translators</p> <p>CO-3: To inculcate the knowledge on Object-oriented programming concepts using C++</p>
DSC 3A: Data Structures and File Processing	<p>CO-1: Enable the students to understand Primitive and non-primitive data structures</p> <p>CO-2: To design and implement basic and advanced data structures</p> <p>CO-3: To summarize searching and sorting techniques</p>
CS301: ISAD and COBOL	<p>CO-1: To understand the Information systems and their types</p> <p>CO-2: To describe the methodologies for developing information system.</p> <p>CO-3: To write the programs for business oriented applications and concept of File handling</p>

CS401: DBMS	<p>CO-1: To understand the concepts of database and DBMS software</p> <p>CO-2: To understand the high level conceptual data models for database design</p> <p>CO-3: To describe SQL operations for application creation of relational database and applying various queries on it.</p> <p>CO-4: To understand the System Implementation</p>
CS501: Multimedia and Windows Programming	<p>CO-1: To inculcate knowledge on Multimedia concepts and technology for designing interactive computer-based applications</p> <p>CO-2: To understand the various presentations, issues and future of multimedia</p> <p>CO-3: To demonstrate knowledge of programming in GUI applications</p> <p>CO-4: To enable to programs and simple applications using VB 6.0</p>
CS502: OOPs with C++	<p>CO-1: To understand the Principles, benefits and applications of Object-Oriented Programming</p> <p>CO-2: To inculcate the knowledge on OOPs concepts using C++</p> <p>CO-3: To understand the various concepts such as classes, objects, inline functions, friend functions and virtual functions</p> <p>CO-4: To understand the Object-Oriented System Development</p>
CS601: Data Structures using C++	<p>CO-1: Enable the students to understand concepts of data structures</p> <p>CO-2: To design and implement classic data structures</p> <p>CO-3: To summarize searching and sorting techniques</p>
CS602: Java and Internet Programming	<p>CO-1: Able to solve real world problems using Object-Oriented Programming techniques</p> <p>CO-2: To inculcate the knowledge on OOPs on Java programming</p> <p>CO-3: To inculcate the knowledge programming to create wide range of applications and applets using Java</p> <p>CO-4: To understand different types of networks, and their applications</p> <p>CO-5: Ability to design web pages using HTML documents</p>

  
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