

## Core Course - Outcome

Sl. No	Course Title	Course Outcome
1.	Computer Fundamentals & HTML	<ul style="list-style-type: none"> <li>• Acquire Knowledge of fundamentals of Computer and Computer organization</li> <li>• Develop problem solving skills through writing algorithm and flow chart</li> <li>• Understand the basics of Internet and webpage design</li> </ul>
2.	Problem Solving using C	<ul style="list-style-type: none"> <li>• Develop Problem Solving and Programming Skills</li> <li>• Understanding various concepts of C language</li> </ul>
3.	Object Oriented Programming with C++	<ul style="list-style-type: none"> <li>• Introduction to the basics of OOPs</li> <li>• Learn C++ programming Language</li> </ul>
4.	Programming Laboratory I: Lab Exam of 1 st& 2nd Sem. HTML & Programming in C	<ul style="list-style-type: none"> <li>• Familiarize programming environments and practice procedural programming concepts using C</li> <li>• Learn how to implement various data structures in C.</li> <li>• Using basic programming skills to solve real life problems.</li> </ul>
5.	Data Structures Using C	<ul style="list-style-type: none"> <li>• Obtain an awareness about algorithms and complexity</li> <li>• Learn the concept of various data structures , implementation and applications</li> <li>• To learn the methods of searching, sorting and hashing techniques</li> </ul>
6.	Database Management System and RDBMS	<ul style="list-style-type: none"> <li>• Learn the basic principles of database Management System and RDBMS</li> <li>• Understand the concepts of database manipulation using SQL and PL/SQL</li> <li>• Enable to design a database to solve real life applications</li> </ul>

7.	Visual Programming Using C#.Net	<ul style="list-style-type: none"> <li>• Obtain a general understanding on .Net Frame Work</li> <li>• Acquire understanding on .ADO .Net</li> </ul>
8.	Programming Laboratory II: Lab Exam of 3 rd& 4th Sem. Data Structures & RDBMS	<ul style="list-style-type: none"> <li>• Make the students equipped to solve mathematical or scientific problems using C and implement various data structures.</li> <li>• Develop skills to code database transactions using SQL and to write PL/SQL programs</li> </ul>
9.	Java Programming	<ul style="list-style-type: none"> <li>• To review on concept of OOP.</li> <li>• To learn Java Programming Environments.</li> <li>• To practice programming in Java.</li> <li>• To learn GUI Application development in JAVA.</li> </ul>
10.	Computer Organization And Architecture	<ul style="list-style-type: none"> <li>• To learn logic gates, combinational circuits and sequential circuits</li> <li>• To learn basics of computer organization and architecture</li> </ul>
11.	Web Programming Using PHP	<ul style="list-style-type: none"> <li>• To learn client side and server side scripting.</li> <li>• To learn PHP Programming</li> <li>• To learn how to develop dynamic websites and interact with databases through internet</li> </ul>
12.	Principles of Software Engineering	<ul style="list-style-type: none"> <li>• To learn engineering practices in Software Development.</li> </ul>
13.	Android programming	<ul style="list-style-type: none"> <li>• To have a review on concept of Android programming.</li> <li>• To learn Android Programming Environments.</li> <li>• To practice programming in Android.</li> <li>• To learn GUI Application development in Android platform with XML</li> </ul>
14.	Operating Systems	<ul style="list-style-type: none"> <li>• To learn objectives &amp; functions of Operating Systems.</li> <li>• To understand processes and its life cycle.</li> <li>• To learn and understand various Memory and Scheduling</li> </ul>

		<p>Algorithms.</p> <ul style="list-style-type: none"> <li>To have an overall idea about the latest developments in Operating Systems</li> </ul>
15.	Computer Networks	<ul style="list-style-type: none"> <li>Awareness on the basics of Computer Networks, Protocols used in Communication and transmissions in Computer Networks.</li> <li>A general idea on Network Administration.</li> </ul>
16.	Programming laboratory III- Java and Web Programming	<ul style="list-style-type: none"> <li>Knowledge of Java programming and client side and server side scripting</li> <li>Knowledge of PHP Programming, developing dynamic websites and interacting with databases through PHP</li> </ul>
17.	Programming Laboratory IV: Lab Exam of Android & Linux shell Programming	<ul style="list-style-type: none"> <li>Knowledge in Android programming and shell programming</li> <li>Developing user interface applications and develop mobile applications.</li> </ul>
18.	Project and Viva Voce	<ul style="list-style-type: none"> <li>Knowledge on software development process</li> </ul>
19.	Microprocessor and Applications	<ul style="list-style-type: none"> <li>To understand internals of microprocessor.</li> <li>To learn architecture of 8086 Microprocessor</li> <li>To learn instruction set of 8086 Microprocessor</li> <li>To learn how to program a Microprocessor</li> </ul>
20.	Multimedia Systems	<ul style="list-style-type: none"> <li>General introduction and basic skills on Multimedia techniques and tools</li> </ul>
21.	Software testing & Quality Assurance	<ul style="list-style-type: none"> <li>Introduction and basic skills on software testing and quality assurance techniques and tools</li> </ul>