

## Semester V

| Semester | Course Code | Course Name                       | Course Outcomes   |
|----------|-------------|-----------------------------------|---|
| <b>V</b> | 5101        | DATA COMMUNICATION AND NETWORKING | <ol style="list-style-type: none"> <li>1. To understand the fundamentals of communication system and computer networking.</li> <li>2. To understand different type of devices, topologies, layers and reference models.</li> </ol>  |
|          | 5102        | JAVA PROGRAMMING                  | <ol style="list-style-type: none"> <li>1. Understanding basic object oriented programming concepts</li> <li>2. Understanding Java Environment ,basic and advanced features in Java</li> <li>3. Understanding Exception Handling, Multithreading, Networking, I/O etc</li> </ol>   |
|          | 5103        | VISUAL AND DATABASE PROGRAMMING-  | <ol style="list-style-type: none"> <li>1. To create a wide range of applications &amp; components.</li> <li>2. To learn oop language through which meet increasing needs of web services &amp; web developments.</li> </ol>   |
|          | 5104        | INTERNET PROGRAMMING-             | <ol style="list-style-type: none"> <li>1. Understand the principles of creating an effective web page, including an in-depth consideration of information architecture.</li> </ol>  |
|          | 5201        | JAVA PROGRAMMING LAB              | <ol style="list-style-type: none"> <li>1. Write Java programs using basic syntaxes of control strings and function for developing skills of logic building</li> <li>2. Write Java programs using classes, objects, members of a class and the relationships among them needed for a finding the solution to specific problem</li> <li>3. Write Java programs to achieve reusability using inheritance, interfaces and packages</li> </ol>                               |
|          | 5202        | INTERNET PROGRAMMING LAB-         | <ol style="list-style-type: none"> <li>1. Basic understanding of how to build a small web project using HTML, CSS and Javascript.<br/>understand basic concepts in HTML<br/>create basic web pages<br/>insert and format text<br/>implement a variety of hyperlinks to connect pages<br/>structure content on web pages<br/>apply CSS styles to some page elements<br/>insert and control images on a web page<br/>create, modify and format a basic layout.</li> </ol> |