



## SCHOOL OF RESEARCH & TECHNOLOGY

AN ISO 9001: 2008 Certified Institute

| Course Outcomes Department - |   | Department -   | Computer Science & Engineering |  |
|------------------------------|---|----------------|--------------------------------|--|
|                              |   |                |                                |  |
| Course Title:                | Mathematic  | Mathematics-II |                                |  |
| Course Code:                 | BT 301  |                |                                |  |
| Program:                     | в.тесн  |                | Semester - III                 |  |
| Credits:                     | T-4   | P-0            | Total-04                       |  |
| <b>Course Outcome</b>        |   |                |                                |  |
| 1                            | Students will simplify and evaluate algebraic expressions.                |                |                                |  |
| 2                            | Students will form and solve linear equations in one variable.            |                |                                |  |
| 3                            | Students will form and graph linear equations in two variables.           |                |                                |  |
| 4                            | Students will use mathematics concepts in real world situations.          |                |                                |  |
| 5                            | Students will simplify and perform operations with nonlinear expressions. |                |                                |  |

| Course Outcomes Department |   | Department -   | Computer Science & Engineering |  |
|----------------------------|---|--|--------------------------------|--|
|                            |   |  |                                |  |
| Course Title:              | DATA STRU   | DATA STRUCTURE & ALGORITHM   |                                |  |
| Course Code:               | S-302   | S-302  |                                |  |
| Program:                   | в.тесн  |  | Semester - III                 |  |
| Credits:                   | T-4   | P-2  | Total-6                        |  |
| <b>Course Outcome</b>      | Course Outcome                                    |  |                                |  |
| 1                          | Analyze the asymptotic performance of algorithms. |  |                                |  |
| 2                          | Analyze wors                                      | Analyze worst-case running times of algorithms using asymptotic analysis.                              |                                |  |
| 3                          | Explain what                                      | Explain what competitive analysis is and to which situations it applies. Perform competitive analysis. |                                |  |
| 4                          | Compare bet                                       | Compare between different data structures. Pick an appropriate data structure for a design situation.  |                                |  |
| 5                          | An understar                                      | An understanding of the basic search and sort algorithms.  |                                |  |

| Course Outcomes |  | Department -                                | Computer Science & Engineering |  |
|-----------------|--|---|--------------------------------|--|
|                 |  |   |                                |  |
| Course Title:   | DIGITAL CIRCUIT SYSTEM   |   |                                |  |
| Course Code:    | CST-303  |   |                                |  |
| Program:        | в.тесн   |   | Semester - III                 |  |
| Credits:        | T-4  | P-2   | Total-6                        |  |
| Course Outcome  |  |   |                                |  |
| 1               | To aware   | To aware about fundamental of number system |                                |  |
| 2               | To aware about operation of basic logic gates                          |   |                                |  |
| 3               | To aware about to aware about electonics devices working concept       |   |                                |  |
| 4               | To aware about to aware about networking and communication technique   |   |                                |  |
| 5               | Students will be able to explain basic circuit concepts and responses. |   |                                |  |

| Course Outcomes D   |             | Department -  | Computer Science & Engineering |  |
|---------------------|-------------|---|--------------------------------|--|
|                     |             |   |                                |  |
| Course Title:       | OBJECT (    | OBJECT ORIENTED PROGRAMING  |                                |  |
| <b>Course Code:</b> | CS-304      | CS-304  |                                |  |
| Program:            | В.ТЕСН      |   | Semester - III                 |  |
| Credits:            | T-4         | P-2   | Total-6                        |  |
| Course Outcome      |             |   |                                |  |
| 1                   | Design, im  | Design, implement, test, debug, and document programs in C and C++.                               |                                |  |
| 2                   | Program v   | Program with pointers and arrays, perform pointer arithmetic, and use the preprocessor.           |                                |  |
| 3                   | Program l   | Program low-level input and output routines in C and streaming input and output operators in C++. |                                |  |
| 4                   | Use Unix o  | Use Unix commands to manage files and develop programs, including multi-module programs.          |                                |  |
| 5                   | Use an inte | Use an integrated development environment.  |                                |  |

| Course Outcomes Department |   | Department - | Computer Science & Engineering |
|----------------------------|---|--------------|--------------------------------|
|                            |   |              |                                |
| <b>Course Title:</b>       | INTERNET TECHNOLOGY   |              |                                |
| <b>Course Code:</b>        | CS-305  |              |                                |
| Program:                   | В.ТЕСН  |              | Semester - III                 |
| Credits:                   | T-4   | P-2          | Total-6                        |
| <b>Course Outcome</b>      |   |              |                                |
| 1                          | Define terms related to the Internet.                           |              |                                |
| 2                          | Understand and use common types of files found on the internet. |              |                                |
| 3                          | Understand societal issues and emerging technologies.           |              |                                |
| 4                          | Demonstrate the ability to use the World Wide Web.              |              |                                |
| 5                          | Understand how computers are connected to the Internet.         |              |                                |

| 5                     | Understand    | Understand how computers are connected to the Internet.  |   |  |
|-----------------------|---------------|--|---|--|
|                       |               |  |   |  |
| Course Outcomes       |               | Department -   | Computer Science & Engineering          |  |
|                       |               |  |   |  |
| Course Title:         | C++ PROG      | C++ PROGRAMMING  |   |  |
| Course Code:          | BT306         | BT306  |   |  |
| Program:              | <b>B.TECH</b> |  | Semester - III                          |  |
| Credits:              | T-0           | P -2   | Total -2                                |  |
| <b>Course Outcome</b> |               |  |   |  |
| 1                     | To learn adv  | To learn advanced features of the C++ programming language as a continuation of the previous course.                                 |   |  |
| 2                     | To learn the  | To learn the characteristics of an object-oriented programming language:   |   |  |
| 3                     | To learn the  | To learn the basic principles of object-oriented design and software engineering in terms of software reuse and managing complexity. |   |  |
| 4                     | To familiari  | To familiarize the students with language environment.   |   |  |
| 5                     | Be able to p  | Be able to program using C++ features such as composition of objects, Operator overloading, inheritance, Polymorphism etc.           |   |  |
|                       |               |  |   |  |
| <b>Course Outcom</b>  | es            | Department -   | Computer Science & Engineering          |  |
|                       |               | -  | , · · · · · · · · · · · · · · · · · · · |  |
| Course Title:         | PROFESSION    | PROFESSIONAL SKILLS-1  |   |  |
| <b>Course Code:</b>   | BT-307        | BT-307   |   |  |
| Program:              | B.TECH        |  | Semester - III                          |  |
| Credits:              | T-0           | P -2   | Total -2                                |  |
| <b>Course Outcome</b> | -             | •  | •                                       |  |
| 1                     | Explore diff  | Explore different format features in both print, multimedia and html documents, and develop document design skills.                  |   |  |
| 2                     | Revise and o  | Revise and edit effectively in all assignments, including informal media (such as email messages to the instructor).                 |   |  |
| 3                     |               | -  |   |  |
| 4                     |               |  |   |  |
| 5                     |               |  |   |  |