| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| **Course Title:** | **DISCRETE STRUCTURE** | | |
| **Course Code:** | **IT-501** | | |
| **Program:** | **B.TECH** | **Semester - V** | |
| **Credits:** | **T-4** | **P-0** | **Total-4** |
| **Course Outcome** | | | |
| 1 | **Demonstrate the ability to write and evaluate a proof or outline the basic structure of and give examples of each proof technique described.** | | |
| 2 | **Understand the basic principles of sets and operations in sets.** | | |
| 3 | **Prove basic set equalities.** | | |
| 4 | **Demonstrate an understanding of relations and functions .** | | |
| 5 | **Determine when a function is 1-1 and "onto".** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| **Course Title:** | **PRINCIPLES OF PROGRAMMING LANGUAGES** | | |
| **Course Code:** | **IT-502** | | |
| **Program:** | **B.Tech** | **Semester - V** | |
| **Credits:** | **T-4** | **P-0** | **Total- 4** |
| **Course Outcome** | | | |
| 1 | **To aware about programming language evaluation.** | | |
| 2 | **To aware about programming language concept.** | | |
| 3 | **To master in oops concept.** | | |
| 4 | **Prove properties of programs by various formal means, including structural and fixpoint induction.** | | |
| 5 | **Use standard parser and lexer generator tools to construct and implement translations such as a very simple compiler.** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| **Course Title:** | **DATABASE MANAGEMENT SYSTEM** | | |
| **Course Code:** | **IT-503** | | |
| **Program:** | **B.Tech** | **Semester -V** | |
| **Credits:** | **T-4** | **P-2** | **Total -6** |
| **Course Outcome** | | | |
| 1 | **Have a broad understanding of database concepts and database management system software.** | | |
| 2 | **You understand how data can be encoded and stored in files.** | | |
| 3 | **You can write a program to query large CSV files.** | | |
| 4 | **You can create tables using SQL DDL.** | | |
| 5 | **You are able to use data modeling tools like Entity-Relationship Diagrams.** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| **Course Title:** | **SOFTWARE PROJECT MANAGEMENT** | | |
| **Course Code:** | **IT-504** | | |
| **Program:** | **B.TECH** | **Semester - V** | |
| **Credits:** | **T-4** | **P-2** | **Total-6** |
| **Course Outcome** | | | |
| 1 | **An ability to ensure the quality of software through software development with various protocol based environment.** | | |
| 2 | **An ability to design and conduct experiments, as well as to analyze and interpret data.** | | |
| 3 | **An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.** | | |
| 4 | **Graduates understand the need for lifelong learning and can readily adapt to new software engineering environments** | | |
| 5 | **Graduates can apply basic software quality assurance practices to ensure that software designs, development, and maintenance meet or exceed applicable standards** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| **Course Title:** | **ANALYSIS DESIGN AND ALGORITHM** | | |
| **Course Code:** | **IT-505** | | |
| **Program:** | **B.TECH** | **Semester -IV** | |
| **Credits:** | **T-4** | **P-2** | **Total-6** |
| **Course Outcome** | | | |
| 1 | **Basic knowledge of graph and matching algorithms.** | | |
| 2 | **Ability to analyze asymptotic runtime complexity of algorithms including formulating recurrence relations.** | | |
| 3 | **Ability to understand and design algorithms using greedy strategy, divide and conquer approach, dynamic programming, and max flow - min cut theory.** | | |
| 4 | **Explain what competitive analysis is and to which situations it applies. Perform competitive analysis.** | | |
| 5 | **Basic knowledge of computational complexity, approximation and randomized algorithms.** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| **Course Title:** | **Dot Net Programmimg** | | |
| **Course Code:** | **IT-506** | | |
| **Program:** | **B.TECH** | **Semester  IV** | |
| **Credits:** | **T-0** | **P-4** | **Total 4** |
| **Course Outcome** | | | |
| 1 | **Introduction to Networking and the world wide web.** | | |
| 2 | **Building multi-tier enterprise applications.** | | |
| 3 | **Introduction to the .NET framework.** | | |
| 4 | **.NET Interoperation services.** | | |
| 5 | **Server side programming: Web Forms, ASP.NET Web Services, ADO.NET Data Access.** | | |

| Course Outcomes | | Department - | INFORMATION TECHNOLOGY |
|---|---|---|---|
| | | | |
| Course Title: | SENIMAR & PRESENTATION | | |
| Course Code: | IT-507 | | |
| Program: | B.TECH | | Semester - III |
| Credits: | T-0 | P -2 | Total -2 |
| Course Outcome | | | |
| 1 | Use body language and tone of voice to enhance their presentations. | | |
| 2 | Deliver an enthusiastic and well-practised presentation. | | |
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