

CSIT Courses

These are all the courses in CSIT course offered by TU. CSIT have 67 courses, among which 37 are compulsory & 30 are elective.

First Semester

Introduction to Information Technology

C Programming

Digital Logic

Mathematics I (Calculus)

Physics

Third Semester

Data Structures and Algorithms

Numerical Method

Computer Architecture

Computer Graphics

Statistics II

Fifth Semester

Design and Analysis of Algorithms

System Analysis and Design

Cryptography

Simulation and Modelling

Web Technology

Multimedia Computing elective

Wireless Networking elective

Image Processing elective

Knowledge Management elective

Society and Ethics in Information Technology elective

Microprocessor Based Design elective

Seventh Semester

Advanced Java Programming

Data Warehousing and Data Mining

Principles of Management

<u>Project Work</u>

Information Retrieval elective

Second Semester

Discrete Structures

Object Oriented Programming

Microprocessor

Mathematics II

Statistics I

Fourth Semester

Theory of Computation

Computer Networks

Operating Systems

Database Management System

Artificial Intelligence

Sixth Semester

Software Engineering

Compiler Design and Construction

E-Governance

NET Centric Computing

Technical Writing

Applied Logic elective

E-commerce elective

Automation and Robotics elective

Neural Networks elective

Computer Hardware Design elective

Cognitive Science elective

Eighth Semester

Advanced Database

<u>Internship</u>

Advanced Networking with IPv6 elective

Distributed Networking elective

Game Technology elective

Database Administration elective	Distributed and Object Oriented Database elective
Software Project Management elective	Introduction to Cloud Computing elective
Network Security elective	Geographical Information System elective
Digital System Design elective	<u>Decision Support System and Expert System</u> elective
Network and System Administration elective	Mobile Application Development elective
International Marketing elective	Real Time Systems elective
Internet Technology (old syllabus)	Embedded Systems Programming elective
	International Business Management elective

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