B.Tech CSE Courses Organized by Categories

Sciences

CS101 Watherratics - I

CSU02 Mathematics - II

CS2II Mathematics - II

CS221 Probability & Statistics

CS103 Physics

CS104 Chemistry

CS151 Physics Lab

CS152 Chemistry Lab

CS456F Quantum Computing

Technical

Communication

CS105 English

CS2S3 Communication Skills Lab

CS263 Soft Skills Lab

Basic Engineering

CS106 Computer Programming with 'C'

CS154 Computer Programming Lab

CS107 Engineering Mechanics

CS108 Engineering Graphics

C5212 Circuit Theory

CS222 Environmental Studies

CSSTI Professional Effics & Human Values

CS424 Industrial Engineering & Management CS529C Operations Research

CS416A Total Quality Management

CSE Foundation

CS213 Digital Logic Design

C5715 Discrete Mathematics Structures

CS216 Data Structures

CS252 Data Structures Lab (C)

CS223 Electronic Devices & Circuits

CS261 EDC Lab

Computation

CSSLS Automata Theory & Formal Languages

CS222 Compiler Design

C5325 Design & Analysis of Algorithms.

C5363 Algorithms Lab

C\$326A Artificial Intelligence

CSXXSE Natural Language Processing

CS3266 Neural Networks

Computer Architecture

C5224 Computer Organization

C5225 Microsrocessors & Microcontrollers

C5262 Microprocessors &

Microcontrollers Lab
CS422 Advanced Computer Architecture

CS416E VLSI Design.

Databases

CS315 Database Management

Systems

CS352 RDBMS Lab

CS423 Data Engineering

CS461 Data Engineering Lab CS3268 Advanced DBMS

Networks

CS312 Data Communications

CS321 Computer Networks:

CS411 Wineless Networks

CS421 Cryptography & Wireless Security

CS425F Mobile Ad Hoc Networks

Programming Languages

CS214 Object Oriented Programming (C++)

CS251 OOPs Lab

C5314 Java Programming

CS351 Java Programming Lab

CSS23 Web Technologies

CS362 Web Technologies Lab

CS414 Enterprise Programming

CS452 Enterprise Programming Lab

C5362F Principles of Programming Languages

CS415A Open Source Systems

CS453A Open Source Systems Lab

CS4ISC NET Technologies

CS453C .NET Technologies Lab

Software Engineering

CS124 Software Engineering

CS413 Object Oriented Analysis & Design

CS415F Software Testing Methodologies

CS450F Software Testing

Methodologies Lab CS4258 Advanced Software Engineering

ingineering CS4156 Interactive Computer Graphics

Graphics Lab

CS41SD Digital Signal Processing

CS4S3D Digital Signal Processing Lab

Applications

CS415E Multimodia Systems -

CS453E Multimedia Systems Lab

CS416B E-Commerce & ERP

CS436D Bio-Informatics

CS425A Digital Image Processing

CS425C Orld Computing

CS425E Penasive Computing

Comprehensive Courses

CS381 Term Paper

CS451 SE Lab / Mini Project

CS482 Project Work