

B.TECH., INFORMATION TECHNOLOGY
I-SEMESTER

Subject Code	Subject Title
BCSE 101	Technical English – I
BCSE 102	Mathematics – I
BCSE 103	Basic Electrical and Electronics Engineering
BCSE 104	Computer Fundamentals & ‘C’ Programming
BCSE 105	Basic Mechanical & Civil
BCSE 106	Engineering Mechanics
BCSE 107 P	Computer Practice Lab
BCSE 108 P	Communication Language Lab

II-SEMESTER

Subject Code	Subject Title
BCSE 201	Technical English – II
BCSE 202	Mathematics – II
BCSE 203	Electron Devices
BCSE 204	Entrepreneurship Engineering
BCSE 205	Engineering Graphics
BCSE 206	Introduction to IT
BCSE 207 P	Workshop Practice
BCSE 208 P	Entrepreneurship Engineering Lab

Semester – III & IV

Subject Code	Subject Name
BEIT 301	Mathematics – III
BEIT 302	Digital Systems
BEIT 303	Signals and Systems
BEIT 304	Data Structures
BEIT 305	OOPS
BEIT 306	Principles of Communication
BEIT 307 P	Digital Lab
BEIT 308 P	Data Structures Lab
BEIT 309 P	OOPS Lab

Semester – IV

Subject Code	Subject Name
BEIT 401	Probability and Statistics
BEIT 402	System Software
BEIT 403	Digital Signal Processing
BEIT 404	Computer Architecture
BEIT 405	Microprocessors, Microcontrollers and Interfacing
BEIT 406	Information Coding Techniques
BEIT 407 P	System Software Lab
BEIT 408 P	DSP Lab
BEIT 409 P	Microprocessors Lab

Semester – v

Subject Code	Subject Name
BEIT 501	Telecommunication Systems
BEIT 502	Software Engineering
BEIT 503	Operating Systems
BEIT 504	Computer Networks
BEIT 505	Database Management Systems
BEIT 506	Principles of Management
BEIT 507 P	Software Engineering Lab
BEIT 508 P	Operating Systems Lab
BEIT 509 P	DBMS Lab

SEMESTER VI

Subject Code	Subject Name
BEIT 601	Object Oriented Programming and Design
BEIT 602	Principles of Environmental Science And Engineering
BEIT 603	Embedded Architecture
BEIT 604	Visual Programming
BEIT 605 E0	Elective – I
BEIT 606 E0	Elective – II
BEIT 607 P	CASE Tools Lab
BEIT 608 P	Network Programming Lab
BEIT 609 P	Visual Programming Lab

Semester – vii

Subject Code	Subject Name
BEIT 701	Total Quality Management
BEIT 702	Component Based Technology
BEIT 703	Web Technology
BEIT 704	Mobile Computing
BEIT 705	Elective – III
BEIT 706	Elective – IV
BEIT 707 P	Internet Programming Lab
BEIT 708 P	Software Systems Development Lab
BEIT 709 P	Mini Project – I (System Project)

SEMESTER VIII

Subject Code	Subject Name
BEIT 801	Project

List of electives
Semester – VI

Subject Code	Subject Name
BEIT 605 E01	Numerical Methods
BEIT 605 E02	Theory of Computation
BEIT 605 E03	Distributed systems
BEIT 605 E04	Advanced Databases
BEIT 605 E05	Advanced Java Programming
BEIT 605 E06	Cryptography and Network Security
BEIT 606 E01	Data Mining and Warehousing
BEIT 606 E02	Resource Management Techniques
BEIT 606 E03	Principles of Compiler Design
BEIT 606 E04	C# and .Net Programming
BEIT 606 E05	Discrete Systems

Semester – viii

Subject Code	Subject Name
BEIT 705 E01	High Performance Networks
BEIT 705 E02	Enterprise Resource Planning
BEIT 705 E03	Grid Computing
BEIT 705 E04	Software Testing
BEIT 706 E01	E – Commerce
BEIT 706 E02	Neural Networks
BEIT 706 E03	High Speed Networks
BEIT 706 E04	Mobile Computing