B.Tech Information Technology

SEMESTER III

08.301	Engineering Mathematics II	
08.302	Problem Solving and Programming in C	
08.303	Discrete Structures	
08.304	Electronic Circuits	
08.305	Digital System Design	
08.306 Computer Organization		
08.307	Electronic Circuits Lab	
08.308	Programming Lab	
SEMESTER IV		
08.401	Engineering Mathematics III	
08.402	Humanities	
08.403	Microcontroller-based Design	
08.404	Object Oriented Techniques	
08.405	Data Structures and Algorithms	
08.406	Database Design	
08.407	Data Structures Lab	
08.408	Object Oriented Programming Lab	
SEMESTER V		
08.501	Engineering Mathematics IV	
08.502	Advanced Mathematics & Queuing Models	
08.503	Theory of Computation	
08.504	Systems Programming	
08.505	Operating Systems	
08.506	Data Communication	
08.507	Digital Circuits Lab	

SEMESTER VI

08.601	Compiler Design	
08.602	Computer Networks	
08.603	Software Architecture	
08.604	Internet Technology	
08.605	Computer Graphics	
08.606	Embedded Systems	
08.607	Internet Lab	
08.608	Computer Graphics Lab	
SEMESTER VII		
08.701	Software Project Management	
08.702	Internetworking	
08.703	Cryptography	
08.704	Web Applications Development	
08.705	Elective I	
08.706	Elective II	
08.707	Computer Networks Lab	
08.708	Seminar / Project Design	
SEMESTER VIII		
08.801	Mobile Computing	
08.802	E-Commerce	
08.803	E-Security	
08.804	Software Testing	
08.805	Elective III	
08.806	Floative IV	
	Elective IV	
08.807	Web Applications Lab	

Elective I

- A Design and Analysis of Algorithms
- B Simulation and Modelling
- C Principles of Programming Languages
- D Communicative English & Technical Writing

Elective II

- A Computer Peripherals and Interfacing
- B Optimization Techniques
- C Data Mining Techniques

Elective III

- A Advanced Microprocessors
- B Network Programming
- C Graph Theory

Elective IV

Soft Computing,

Distributed Systems,

Web Services,