

## ISE and CSE Programme

III Semester		
Subject Code	Name of the Subject	Credit
MA31	Engineering Mathematics - III	4
CS/IS 32	Discrete Mathematical Structures	4
CS/IS 33	Computer Organization	4
CS/IS 34	Principles of Programming Languages	4
CS/IS 35	Data Structures and Basic Algorithms	4
CS/IS 36	Digital Electronics	4
CS/IS L37	Data Structures Lab	1
CS/IS L38	Digital Electronics Lab	1

IV Semester		
Subject Code	Name of the Subject	Credit
MA 41	Engineering Mathematics – IV	4
CS/IS 42	Graph Theory & Combinatorics	4
CS/IS 43	Microprocessors & Microcontrollers	4
CS/IS 44	Operating Systems	4
CS/IS 45	Theory of Computation	4
CS/IS 46	Design and Analysis of Algorithms	4
CSL/ISL47	Microprocessors & Microcontrollers Lab	1
CSL/ISL48	Design and Analysis of Algorithms Lab	1

V Semester		
Subject Code	Name of the Subject	Credit
CS/IS 51	Computer Networking 1	4
CS/IS 52	Data base management Systems	4
CS/IS 53	Compilers	4
CS/IS 54	Unix System Programming	4
CS/IS 55	Computer Graphics ,Visualization & OpenCL	4
CS/IS 561	Java and J2EE	4
CS/IS 562	Artificial Intelligence	
CS/IS 563	Principles of User Interface Design	
CS/IS L57	Database Laboratory	1
CS/IS L 58	Computer Graphics and Open CL Laboratory	1