

ITUG	1	6	6CS119	Computer Networks	3	1	0	4		
ITUG	2	6	6CS120	Computer Networks lab	0	0	3	1		
ITUG	3	6	6CS121	Software Engineering	3	1	0	4		
ITUG	4	6	6CS122	Software Engineering lab	0	0	3	1		
ITUG	5	6	6CS123	Design & Analysis of Algorithms	3	1	0	4		
ITUG	6	6	6IT105	Cloud Computing	3	1	0	4		
ITUG	7	6	6IT191	Minor Project-I	0	0	3	1		
ITUG	8	6	6xx1xx	Engineering Elective - II	3	0	0	3		
ITUG	9	6	6GE103	Industrial Interaction & Soft Skill Development				0		
ITUG	10	6	6GE106	EAA - II NSS				0		
ITUG	11	6		Semester Total	15	4	9	22	22	130
ITUG	1	7	7IT1xx	Departmental Elective - II	3	0	0	3		
ITUG	2	7	7IT1xx	Departmental Elective – III	3	0	0	3		
ITUG	3	7	7x1xx	Engineering -III/ HSS/ Science/ Department (Elective)	3	0	0	3		
ITUG	4	7	7x1xx	Engineering -IV/ HSS/ Science/ Department (Elective)	3	0	0	3		
ITUG	5	7	7IT193	Minor Project-II	0	0	6	2		
ITUG	6	7	7IT192	Industrial Training (4 to 6 weeks after 6 th Sem)				1		
ITUG	7	7	7IT194	General Seminar	0	0	6	2		
ITUG		7		Semester Total	15	0	12	17	17	147
ITUG										
ITUG	1	8	8IT195	Major Project				20		
ITUG	2	8	8IT196	Comprehensive Viva				2		
ITUG	3	8						22	22	169
ITUG				Departmental Electives						
ITUG	1	EL	CS151	Wireless Networks	3	0	0	3	TH	
ITUG	2	EL	CS152	Mobile Computing	3	0	0	3	TH	
ITUG	3	EL	CS155	Image Processing	3	0	0	3	TH	
ITUG	4	EL	CS157	Soft & Evolutionary Computing	3	0	0	3	TH	
ITUG	5	EL	CS166	Distributed Operating System	3	0	0	3	TH	
ITUG	6	EL	CS167	Cyber Security	3	0	0	3	TH	
ITUG	7	EL	CS173	Object Oriented Analysis & Design	3	0	0	3	TH	
ITUG	8	EL	EC142	Information theory and coding	3	0	0	3	TH	
ITUG	9	EL	EC154	Broadband Access Network	3	0	0	3	TH	

ITUG	10	EL	IT161	VLSI and Embedded System	3	0	0	3	TH	
ITUG	11	EL	IT162	Pattern Recognition and Image Processing	3	0	0	3	TH	
ITUG	12	EL	IT163	IT Project Management	3	0	0	3	TH	
ITUG	13	EL	IT164	XML and Web Application	3	0	0	3	TH	
ITUG	14	EL	IT165	Computer Graphics	3	0	0	3	TH	
ITUG	15	EL	IT166	Data Mining and Warehousing	3	0	0	3	TH	
ITUG	16	EL	IT167	Server Side Programming	3	0	0	3	TH	
ITUG	17	EL	IT168	E-commerce and ERP	3	0	0	3	TH	
ITUG	18	EL	IT169	E-governance	3	0	0	3	TH	
ITUG	19	EL	IT170	Optimization Technique	3	0	0	3	TH	
ITUG	20	EL	IT171	Server and Storage	3	0	0	3	TH	

Open Elective

ITUG	1	EL	3CS105	Object Oriented Methodology	3	1	0	4	TH	
ITUG	2	EL	CS171	Information Security	3	0	0	3	TH	
ITUG	3	EL	CS103	Data Structures and Algorithms	3	1	0	4	TH	