BACHELOR
IN
COMPUTER ENGINEERING

Year :II   **Part : I**

S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory Assesment Marks	Theory Final Duaration hours	Theory Final Marks	Practical Assesment Marks	Practical Final Duaration hours	Practical Final Marks	Total	Remark
1	SH 201	Engineering Mathematics III	3	3	2	-	5	40	3	60	-	-	-	100	
2	SH 204	Communication English	3	3	-	1	4	40	3	60	25	-	-	125	
3	CT 201	Computer Graphics and Visualization	3	3	1	3	7	40	3	60	50	-	-	150	
4	CT 202	Foundation of Data Science	3	3	1	3	7	40	3	60	50	-	-	150	
5	CT 203	Theory of Computation	3	3	1	-	4	40	3	60	-	-	-	100	
6	EX 201	Microprocessor	3	3	1	3	7	40	3	60	50	-	-	150	
		Total		18	6	10	34	240	-	360	175	-	-	775	

Year :II   **Part : II**

S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory Assesment Marks	Theory Final Duaration hours	Theory Final Marks	Practical Assesment Marks	Practical Final Duaration hours	Practical Final Marks	Total	Remark
1	SH 252	Probability and Statistics	3	3	1	-	4	40	3	60	-	-	-	100	
2	EX 252	Instrumentation	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
3	EX 254	Electromagnetics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	CT 251	Discrete Structure and Algorithm	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	CT 253	Data Communication	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	CT 254	Operating System	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
		Total		19	6	7.5	32.5	240	-	360	125	-	-	725	

BACHELOR
IN
COMPUTER ENGINEERING

Year: III   Part : I

SN	Course Code	Course Title	Credits	L	T	P	Total	Theory Assessment Marks	Theory Final Duration Hrs	Theory Final Marks	Practical Assessment Marks	Practical Final Duration Hrs	Practical Final Marks	Total	Remark
1	SH 301	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
2	CT 301	Database Management System	3	3	1	3	7	40	3	60	50	-	-	150	
3	CT 302	Web Application Programming	3	3	1	3	7	40	3	60	50	-	-	150	
4	CT 303	Computer Organization and Architecture	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	CT 304	Computer Networks	3	3	1	3	7	40	3	60	50	-	-	150	
6	CT 325	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
		Total		18	7	14.5	39.5	240	-	360	250	-	-	850	

Year: III   Part : II

SN	Course Code	Course Title	Credits	L	T	P	Total	Theory Assessment Marks	Theory Final Duration Hrs	Theory Final Marks	Practical Assessment Marks	Practical Final Duration Hrs	Practical Final Marks	Total	Remark
1	CE 356	Engineering Economics	3	3	1	-	4	40	3	60	-	-	-	100	
2	CT 351	Artificial Intelligence	3	3	1	3	7	40	3	60	50	-	-	150	
3	CT 352	Software Engineering	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	CT 353	Simulation and Modeling	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	CT 354	Minor Project	1	-	-	-	-	-	-	-	50	-	-	50	
6	CT 385	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
		Total		15	6	7	28	200	-	300	175	-	-	675	

BACHELOR
IN
COMPUTER ENGINEERING

Year:IV   **Part : I**

SN	Course Code	Course Title	Teaching Schedule					Examination Scheme						Total	Remark
			Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration Hrs	Marks		Duration Hrs	Marks		
1	EX 416	Digital Signal Analysis and Processing	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
2	CT 411	Distributed and Cloud Computing	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	CT 412	ICT Project Management	3	3	1	-	4	40	3	60	-	-	-	100	
4	EX 417	Energy, Environment and Social Engineering	3	3	-	-	3	40	3	60	-	-	-	100	
5	CT 435	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
6	CT 413	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
		Total		16	5	4	25	200	15	300	125	-	-	625	

Year:IV   **Part : II**

SN	Course Code	Course Title	Teaching Schedule					Examination Scheme						Total	Remark
			Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration Hrs	Marks		Duration Hrs	Marks		
1	CT 463	Network and Cyber Security	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
2	CT 465	Elective IV	3	3	2	1	6	40	3	60	25	-	-	125	
3	CT 462	Internship**	4	-	-	-	-	-	-	-	100	-	50	150	
4	CT 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
		Total	14	6	3	2.5	11.5	80	-	120	250	-	100	550	

**8-weeks internship