

B. Tech. Year I, Sem I Evaluation Scheme

Subject Code	Subject Name	Type	Teaching Scheme (Hours)					Credits	Theory Marks		
			Tutorial/ Practical Marks		Total Marks				Theory	Practical	Total
Theory	Tutorial	Practical	ESE(E)	IA	CSE	Viva (V)	Term work (TW)				
01MA1101	Differential and Integral Calculus		BS-UC	4	2	0	5	50			
30	20	25	25	150							
01ME0101	Elements of Mechanical Engineering		ES-UC	3	0	2	4	50			
30	20	25	25	150							
01EC0101	Basics of Electronics Engineering		ES-UC	3	0	2	4	50			
30	20	25	25	150							
01SL0102/ 10SL0103	Reading and Writing for Technology /Speaking and Presentation Skills		GN-UE								
2	0	0	2	0	30	20	25	25	100		
01EE0101	Elements of Electrical Engineering		ES-UC	3	0	2	4	50			
30	20	25	25	150							
01CR0103	Value Education		GN-UC	2	0	0	2	0	0	0	
50	50	100									
01CE0102	Computer Workshop		ES-UC	0	0	2	1	0	0	0	
25	25	50									
01PE0101	Physical Education/Sports/Yoga	NCC		0	0	2	0	0	0	0	
0	0	0	0								
Total		17	2	10	22	200	150	120	200	180	850

B. Tech. Year I, Sem II Evaluation Scheme

Subject Code	Subject Name	Type	Teaching Scheme (Hours)					Credits	Theory Marks		
			Tutorial/ Practical Marks		Total Marks				Theory	Practical	Total
Theory	Tutorial	Practical	ESE(E)	IA	CSE	Viva (V)	Term work (TW)				
01MA1151	Matrix Algebra and Vector Calculus		BS-UC	4	2	0	5	50			
30	20	25	25	150							
01CE0101	Computer Programming		ES-UC	3	0	2	4	50	30		
20	25	25	150								
01ME0103	Engineering Drawing		ES-UC	2	0	4	4	50	30	20	
25	25	150									
01GS0101/ 01GS0102	Physics/Engineering Chemistry I		ES-UC	3	0	2	4	50			
30	20	25	25	150							

01IT0401 25	Computer Network 25 150	PSC	4	0	2	5	50	30	20
01MA1281 30	Statistical and Numerical Methods 20 25 25 150	BS	3	2	0	4	50		
01CE0403 30	Object Oriented Programming with Java 20 25 25 150	PSC	4	0	2	5	50		
01CE0405 0	Human Centric Design Approach 0 25 25 50	EE	0	0	2	1	0		
Total	18 4 8 24 250		150	100	150	150	800		

B. Tech. Year III, Sem V Evaluation Scheme

Subject Code	Subject Name	Type	Teaching Scheme (Hours)					Credits	Theory Marks		
			Tutorial/ Practical Marks		Total Marks				Viva (V)	Term work (TW)	
Theory	Tutorial	Practical	ESE(E)	Mid Sem (M)	Internal(I)						
01IT0501 25	Linux Administration 25 150	PC	3	0	2	4	50	30	20		
01CE0502 20	Advanced Java Programming 25 25 150	PC	4	0	2	5	50	30			
01CE0503 30	Design and Analysis of Algorithm 20 25 25 150	PC	4	0	2	5	50				
01ce0504 50	Theory of Automata and Formal Languages 30 20 0 0 100	PC	3	0	0	0	0	3			
01CE05XX/01IT05XX 20	Departmental Elective-I 25 25 150	PEC	4	0	2	5	50	30			
01CE0508 25	Reverse Engineering 25 50	EE	0	0	2	1	0	0	0		
01IT0502 25	Seminar 50	PC	0	0	2	1	0	0	25		
Total	18 0 12 24 250		150	100	150	150	800				

Departmental Elective-1

01IT0503– Advance Computer Network

01CE0506 – Distributed Operating System

01CE0507 – Image Processing

B. Tech. Year III, Sem VI Evaluation Scheme

Subject Code	Subject Name			Type	Teaching Scheme (Hours)			Credits			Theory Marks	
	Tutorial/	Practical	Marks		Total Marks	Mid Sem (M)	Internal(I)	Viva (V)	Term work (TW)			
Theory	Tutorial	Practical	ESE(E)	Mid Sem (M)	Internal(I)	Viva (V)	Term work (TW)					
01IT0601	25	25	150	PC	3	0	2	4	50	30	20	
01CE0601	25	25	150	PC	3	0	2	4	50	30	20	
01CE0602	25	25	150	PC	4	0	2	5	50	30	20	
01IT0602	25	25	150	PC	3	0	2	4	50	30	20	
01CE06XX	25	25	150	Department Elective – 2PEC		4	0	2	5	50	30	20
01CE0606	0	0	0	25	25	50	EE	0	0	2	1	
01CR0601	50	50	100	UC	1	0	0	1	0	0	0	
Total		18	0	12	24	200	120	120	200	180	900	

Department Elective – 2

1) 01CE0603 – Computer Security

2) 01CE0604– Cyber Security

3) 01CE0605 – Network Security

B. Tech. Year IV, Sem VII Evaluation Scheme

Subject Code	Subject Name			Type	Teaching Scheme (Hours)			Credits			Theory Marks	
	Tutorial/	Practical	Marks		Total Marks	Mid Sem (M)	Internal(I)	Viva (V)	Term work (TW)			
Theory	Tutorial	Practical	ESE(E)	Mid Sem (M)	Internal(I)	Viva (V)	Term work (TW)					
01IT0701	20	25	25	150	PC	3	0	2	4	50	30	
01CE0701	25	25	150	PC	3	0	2	4	50	30	20	
01IT0702	25	25	150	PC	4	0	2	5	50	30	20	

01CE07XX 25	Department Elective – 3PEC 25 150	4	0	2	5	50	30	20
01CE07XX 25	Department Elective – 4PEC 25 150	4	0	2	5	50	30	20
01IT0703 50	Major Project – I 50 100	PC	0	0	8	4	0	0
Total	18 0 18	27	250	150	100	175	175	850

Department Elective – 3

- 1) 01CE0703 – iOS Programming
- 2) 01CE0704 – Android Programming
- 3) 01CE0705 – Programming with Python
- 3) 01CE0706 – Advanced .Net Technologies

Department Elective – 4

- 1) 01CE0702 – Artificial Intelligence
- 2) 01CE0707 – Data Mining and Information Retrieval
- 3) 01CE0709 – Computational Intelligence

B. Tech. Year IV, Sem VIII Evaluation Scheme

Subject Code	Subject Name	Type	Teaching Scheme (Hours)			Credits Theory Marks				
			Tutorial/ Practical Marks	Total Marks						
Theory	Tutorial	Practical	ESE(E)	Mid Sem (M)	Internal(I)	Viva (V)	Term work (TW)			
01CE08XX 20	Departmental Elective – 5 25 25 150	PEC	4	0	2	5	50	30		
01CE08XX 20	Departmental Elective – 6 25 25 150	PEC	4	0	2	5	50	30		
01IT0801 200	Major Project – II 200 400	PC	0	0	18	9	0	0		
Total	8 0 22	19	100	60	40	250	250	700		

Departmental Elective – 5

- 01CE0801 – Natural Language Processing
- 01CE0802 – Big Data and Analytics

01CE0803 – Cloud Computing

Departmental Elective – 6

01CE0804 – Machine Learning

01CE0805 – Business Intelligence

01CE0806 – Internet of Things