

Ref No.:

Date :

As per NEP Guidelines, Proposed Scheme of Credit Distribution
First Year B. Tech-2025-26(Group A)

SEMESTER I

Sr. No.	Category	Course Code	Course Name	Teaching Scheme					Evaluation Scheme			
				L	T	P	Hrs./ Week	Cr	Components	Max	Min for Passing	
1	BSC	25BSE1101	Engineering Mathematics I	3	1	0	4	4	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
2	BSC	25BSE1001/ 25BSE1002	Engineering Physics/ Modern Chemistry	3	0	0	3	3	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
3	ESC	25BSE1102	Basic Electrical & Electronics Engineering	3	0	0	3	3	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
4	ESC	25BSE1103	C Programming for Problem Solving	2	0	0	2	2	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
5	AEC	25BSE1104	Communication Skills	2	0	0	2	2	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
6	BSC	25BSE1001L/ 25BSE1002L	Engineering Physics Laboratory/ Modern Chemistry Laboratory	0	0	2	2	1	CA1	25		40
									CA2	25		
									POE	--	--	
7	ESC	25BSE1102L	Basic Electrical & Electronics Engineering Laboratory	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	50	20	
8	ESC	25BSE1103L	C Programming for Problem Solving Laboratory	0	0	2	2	1	CA1	25		40
									CA2	25		
									POE	50	20	
9	AEC	25BSE1104L	Communication Skills Laboratory	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
10	VSEC	25BSE1105L	Engineering Practice Laboratory	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
11	CC	25BSE1106L	Yoga	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
			Total	13	1	12	26	20		900		
Total Contact Hours –26 Total Credits – 20												

**As per NEP Guidelines, Proposed Scheme of Credit Distribution
First Year B. Tech-2025-26(Common for all Branches)**

SEMESTER II

Sr. No.	Category	Course Code	Course Name	Teaching Scheme					Evaluation Scheme			
				L	T	P	Hrs./ Week	Cr	Components	Max	Min for Passing	
1	BSC	25BSE1201	Engineering Mathematics II	3	1	0	4	4	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
2	BSC	25BSE1001/ 25BSE1002	Engineering Physics/ Modern Chemistry	3	0	0	3	3	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
3	ESC	25BSE1202	Engineering Mechanics	2	0	0	2	2	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
4	ESC	25BSE1203	Python Programming	2	0	0	2	2	CA1	25		20
									MSE	--		
									CA2	25		
									ESE	--	--	
5	VSEC	25BSE1204	Computer Aided Engineering Drawing	2	0	0	2	2	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
6	PCC	25PCC1201	Introduction to Industry 4.0	2	0	0	2	2	CA1	10		40
									MSE	30		
									CA2	10		
									ESE	50	20	
7	IKS	25BSE1205	Energy, Ecology & Environment	2	0	0	2	2	CA1	25		20
									MSE	--		
									CA2	25		
									ESE	--	--	
8	BSC	25BSE1001L/ 25BSE1002L	Engineering Physics Laboratory/ Modern Chemistry Laboratory	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
9	ESC	25BSE1203L	Python Programming Laboratory	0	0	2	2	1	CA1	25		40
									CA2	25		
									POE	50	20	
10	VSEC	25BSE1204L	Computer Aided Engineering Drawing Laboratory	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
11	VSEC	25BSE1205L	Design Thinking	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
12	CC	25BSE1206L	Community Services	0	0	2	2	1	CA1	25		20
									CA2	25		
									POE	--	--	
			Total	16	1	10	27	22		900		
Total Contact Hours –27				Total Credits - 22								