

Scheme for First Year Four Year Undergraduate Engineering Degree Programme [NEP-2020] Semester – I/II – [Common for all branches of Engg. & Tech.]																					
SN	Course Name	Code	Course Plan per Week (Hrs.)				Credits	Theory Evaluation				Theory (Total)		Practical Evaluation				Practical (Total)		ESE Time (Hours)	
			L	P	T	Hrs.		External		Internal				External		Internal					
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
	Core Courses																				
1	Applied Mathematics -I (BSC)		3	0	0	3	3	60	18	40	12	100	40	.....	.....	....	....	....	...	3 Hrs.	
2	Engineering Physics (BSC)		3	0	0	3	3	60	18	40	12	100	40	.....	.....	....	....	....	...	3 Hrs.	
3	Computer Programming (ESC)		3	0	0	3	3	60	18	40	12	100	40	.....	.....	....	....	....	...	3 Hrs.	
4	Engineering Mechanics (ESC)		3	0	0	3	3	60	18	40	12	100	40	.....	.....	....	....	....	...	3 Hrs.	
	Laboratory Courses																				
5	Engineering Physics (BSC)		0	2	0	2	1	.....	.....	....	....	....	...	25	10	25	10	50	25		
6	Computer Programming (ESC)		0	2	0	2	1	.....	.....	....	....	....	...	25	10	25	10	50	25		
7	Engineering Mechanics (ESC)		0	2	0	2	1	.....	.....	....	....	....	...	25	10	25	10	50	25		
8	Workshop (ESC)		0	2	0	2	1	.....	.....	....	....	....	...	25	10	25	10	50	25		
	Vocational and Skill Enhancement Courses (VSEC)																				
9	Technical Department Specific		1	2	0	3	2									50	--	50	25		
	Ability Enhancement Courses (AEC)																				
10	Professional Communication		1	2	0	3	2							25	10	25	10	50	25		
	Co-curricular course (CC)																				
11	Co-curricular Course		0	4	0	4	2									50	--	50	25		
	TOTAL		14	16	0	30	22					400	160					350	175		

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			L	P	T	Hrs.		External		Internal				External		Internal					
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks				
	Core Courses																				
1	Applied Mathematics -II (BSC)		3	0	0	3	3	60	18	40	12	100	40	---	---	--	--	--	--	3 Hrs.	
2	Engineering Chemistry (BSC)		3	0	0	3	3	60	18	40	12	100	40	---	---	--	--	--	--	3 Hrs.	
3	Basic Electrical Engineering (ESC)		3	0	0	3	3	60	18	40	12	100	40	---	---	--	--	--	--	3 Hrs.	
4	Engineering Graphics (ESC)		2	0	0	2	2	60	18	40	12	100	40	---	---	--	--	--	--	3 Hrs.	
	Laboratory Courses																				
5	Engineering Chemistry (BSC)		0	2	0	2	1	---	---	--	--	--	--	25	10	25	10	50	25		
6	Basic Electrical Engineering (ESC)		0	2	0	2	1	---	---	--	--	--	--	25	10	25	10	50	25		
7	Engineering Graphics (ESC)		0	2	0	2	1	---	---	--	--	--	--	25	10	25	10	50	25		
	Vocational and Skill Enhancement Courses (VSEC)																				
8	Technical Department Specific		1	2	0	3	2							--	--	50	-	50	25		
	Programme Core Course (PCC)																				
9	Programme Core Course		1	2	0	3	2	30	12	20	08	50	20	--	--	--	--	--	2 Hrs		
	Indian Knowledge System (IKS)																				
10	Indian Traditional Knowledge		2	0	0	2	2	30	12	20	08	50	20	--	--	--	--	--	2 Hrs		
	Co-curricular Course (CC)																				
11	Co-curricular Course		0	4	0	4	2	---	---	--	--	--	--	--	-	50	--	50	25		
	TOTAL		14	16	0	30	22					400	160					350	175		