

**SCHEME FOR B.TECH (First year all branches)
(Revised December 2020)**

B.Tech Scheme (First Year only)

First Semester (Group-A) / Second Semester (Group-B):

Course Number	Subject	Scheme of Studies Periods per week			Credits
		L	T	P	
MTH111 / MTH121	Mathematics 1 / Mathematics 2	3	1	-	4
PHY112	Physics	3	-	-	3
HUM113	Communication Skill	2	1	-	3
CSE114	Computer Programming & Problem Solving	3	-	-	3
ME115	Engineering Graphics	2	2	-	4
CSE116	Computer Programming & Problem Solving Lab	-	-	3	2
PHY117	Physics Laboratory	-	-	3	2
SPR118	NCC / NSS / Yoga / Physical Health Education.	-	-	3	1
Total Hours – 26				Total Credit	22

Group-A means Sections A, B, C, D, E

Group-B means Sections F, G, H, I, J

First Semester (Group-B) / Second Semester (Group-A):

Course Number	Subject	Scheme of Studies Periods per week			Credits
		L	T	P	
MTH121 / MTH111	Mathematics 2 / Mathematics 1	3	1	-	4
CH122	Engineering Chemistry	3	-	-	3
CH123	Environmental Science	2	1	-	3
EE124	Basic Electrical & Electronics Engineering	3	-	-	3
CE125	Engineering Mechanics	3	1	-	4
ME126	Workshop Practice	-	1	3	3
EE127	Basic Electrical & Electronics Engineering Laboratory	-	-	2	1
CH128	Chemistry Laboratory	-	-	2	1
SPR129	NCC / NSS / Yoga / Physical Health Education.	-	-	2	1
Total Hours – 27				Total Credit	23

Group-A means Sections A, B, C, D, E
Group-B means Sections F, G, H, I, J