

## First Year B.Tech. Structure-2021

### **Semester I (First year)**

Sl No	Category	Course Code	Course title	Hours per week			Credit
				L	T	P	
1	Basic Science course		Engineering Chemistry	3	1	3	5.5
2	Basic Science course		Math-I Calculus, ODE and Complex analysis	3	1	0	4
3	Engineering Science course		Basic Electrical Technology	3	1	2	5
4	Engineering Science course		Workshop Practices	0	0	3	1.5
5	Engineering Science course		Introduction to Programming	3	0	2	4
6	Humanities and Social Sciences including Management courses		Communication Skill-1 English for Communication	1	0	2	2
			Total Credits				22 (28 hr)

Sl No	Category	Course Code	Course Title	Hours per week			Credit
				L	T	P	
1	Basic Science course		Physics	3	1	3	5.5
2	Basic Science course		Math-II Linear Algebra, Integral Calculus, Vector Calculus, Numerical Analysis	3	1	0	4
3	Engineering Science course		Basic Electronics Engineering	3	0	2	4
4	Engineering Science course		Engineering Graphics	0	0	3	1.5
5	Engineering Science course		Basic Mechanical Engineering	3	1	0	4
6	Engineering Science course		Data structure	3	0	2	4
7	Humanities and Social Sciences including Management courses		Communication Skill-II Professional English	1	0	2	2
			Total Credits				25 (31hr)