



Scheme For First Year

First Semester					
S. No.	Course Name	L	T	P	Credits
1	Mathematics I	4	0	0	4
2	Physics	3	0	0	3
3	Chemistry	3	0	0	3
4	Communication skills	3	0	0	3
5	Basic Engineering Course I*	3	0	0	3
6	Value education	0	0	2	1
7	Chemistry lab	0	0	2	1
8	Communication skills lab	0	0	2	1
9	Workshop	0	0	4	2
10	Physics lab	0	0	2	1
11	Basic Engineering Course I lab*	0	0	2	1
12	Yoga & Health	0	0	2	1
		16	0	16	24

Second Semester					
S. No.	Course Name	L	T	P	Credits
1	Mathematics II	4	0	0	4
2	Physics II	3	0	0	3
3	Environment and ecology	3	0	0	3
4	Basic Engineering Course II*	3	0	0	3
5	Computer programming	3	0	0	3
6	Basic Engineering Course III*	3	0	0	3
7	Computer programming lab	0	0	2	1
8	Physics lab	0	0	2	1
9	Basic Engineering Course III lab *	0	0	2	1
10	Environment and ecology lab	0	0	2	1
11	Basic Engineering Course II Lab*	0	0	2	1
12	NCC/NSS	0	0	2	0
		19	0	12	24

*To be selected department-wise from a pool of courses below.

S. No	Course Name	L	T	P	Credits
1	Basic Biomedical Engineering	3	0	2	4
2	Basic Bio-Sciences				
3	Basic Electrical Engineering	3	0	2	4
4	Engineering Mechanics	3	0	2	4
5	Engineering Graphics	3	0	2	4
6	Data Structures	3	0	2	4
7	Basic Mechanical Engineering	3	0	2	4