



Scheme For First Year

Table 1: First Semester

S. No.	Subject Code	Course Name	L	T	P	Credits
1	MA10I001MA	Mathematics I	4	0	0	4
2	PH10I005PH	Physics I	3	0	0	3
3	CY10I007CY	Chemistry	3	0	0	3
4	HS10I009HS	Communication skills	3	0	0	3
5	* see table 3	Basic Engineering Course I*	3	0	0	3
6	HS10I401HS	Value education	0	0	2	1
7	CY10I402CY	Chemistry lab	0	0	2	1
8	HS10I403HS	Communication skills lab	0	0	2	1
9	ME10I404ME	Workshop	0	0	4	2
10	PH10I405PH	Physics lab	0	0	2	1
11	*# see table 3	Basic Engineering Course I lab*	0	0	2	1
12	HS10I406HS	Yoga & Heath	0	0	2	1
			16	0	16	24

Table 2: Second Semester

S. No.	Subject Code	Course Name	L	T	P	Credits
1	MA10I002MA	Mathematics II	4	0	0	4
2	PH10I006PH	Physics II	3	0	0	3
3	CY10I008CY	Environment and Ecology	3	0	0	3
4	* see table 3	Basic Engineering Course II*	3	0	0	3
5	CS10I010CS	Computer programming	3	0	0	3
6	* see table 3	Basic Engineering Course III*	3	0	0	3
7	CS10I407CS	Computer programming lab	0	0	2	1
8	PH10I408PH	Physics lab	0	0	2	1
9	*# see table 3	Basic Engineering Course II lab *	0	0	2	1
10	CY10I409CY	Environment and Ecology lab	0	0	2	1
11	*# see table 3	Basic Engineering Course III Lab*	0	0	2	1
12	HS10I410HS	NCC/NSS	0	0	2	0
			19	0	12	24

Table 3: *To be selected department-wise from a pool of courses below.

S. No.	Subject Code# (Theory/Lab EPR)	Course Name	L	T	P#
1	BM10I028BM/BM10I428BM	Basic Biomedical Engineering	3	0	2
2	BT10I026BT/BT10I426BT	Basic Bio-Sciences	3	0	2
3	EL10I022EL/EL10I422EL	Basic Electrical Engineering	3	0	2
4	ME10I023ME/ME10I423ME	Engineering Mechanics	3	0	2
5	ME10I024ME/ME10I424ME	Engineering Graphics	3	0	2
6	IT10I025IT/IT10I425IT	Data Structures	3	0	2
7	ME10I027ME/ME10I427ME	Basic Mechanical Engineering	3	0	2

For codes of Lab courses of Basic Engineering Courses, the sixth digit (0) in code of corresponding EPR theory should be replaced by digit 4. Rest of the digits will remain same.