

TABLE -1 First Engineering Structure for Semester-I	
Sl. No.	Course Name
1	Engineering Mathematics-I
2	Engineering Physics-I
3	Engineering Chemistry-I
4	Engineering Drawing
5	Engineering Computer Graphics
6	Engineering English
7	Engineering Workshop
8	Engineering Elective-I
9	Engineering Elective-II
10	Engineering Elective-III
11	Engineering Elective-IV
12	Engineering Elective-V
13	Engineering Elective-VI
14	Engineering Elective-VII
15	Engineering Elective-VIII
16	Engineering Elective-IX
17	Engineering Elective-X
18	Engineering Elective-XI
19	Engineering Elective-XII
20	Engineering Elective-XIII
21	Engineering Elective-XIV
22	Engineering Elective-XV
23	Engineering Elective-XVI
24	Engineering Elective-XVII
25	Engineering Elective-XVIII
26	Engineering Elective-XIX
27	Engineering Elective-XX
28	Engineering Elective-XXI
29	Engineering Elective-XXII
30	Engineering Elective-XXIII
31	Engineering Elective-XXIV
32	Engineering Elective-XXV
33	Engineering Elective-XXVI
34	Engineering Elective-XXVII
35	Engineering Elective-XXVIII
36	Engineering Elective-XXIX
37	Engineering Elective-XXX
38	Engineering Elective-XXXI
39	Engineering Elective-XXXII
40	Engineering Elective-XXXIII
41	Engineering Elective-XXXIV
42	Engineering Elective-XXXV
43	Engineering Elective-XXXVI
44	Engineering Elective-XXXVII
45	Engineering Elective-XXXVIII
46	Engineering Elective-XXXIX
47	Engineering Elective-XXXX
48	Engineering Elective-XXXXI
49	Engineering Elective-XXXXII
50	Engineering Elective-XXXXIII
51	Engineering Elective-XXXXIV
52	Engineering Elective-XXXXV
53	Engineering Elective-XXXXVI
54	Engineering Elective-XXXXVII
55	Engineering Elective-XXXXVIII
56	Engineering Elective-XXXXIX
57	Engineering Elective-XXXXX
58	Engineering Elective-XXXXXI
59	Engineering Elective-XXXXXII
60	Engineering Elective-XXXXXIII
61	Engineering Elective-XXXXXIV
62	Engineering Elective-XXXXXV
63	Engineering Elective-XXXXXVI
64	Engineering Elective-XXXXXVII
65	Engineering Elective-XXXXXVIII
66	Engineering Elective-XXXXXIX
67	Engineering Elective-XXXXXX
68	Engineering Elective-XXXXXXI
69	Engineering Elective-XXXXXXII
70	Engineering Elective-XXXXXXIII
71	Engineering Elective-XXXXXXIV
72	Engineering Elective-XXXXXXV
73	Engineering Elective-XXXXXXVI
74	Engineering Elective-XXXXXXVII
75	Engineering Elective-XXXXXXVIII
76	Engineering Elective-XXXXXXIX
77	Engineering Elective-XXXXXXX
78	Engineering Elective-XXXXXXXI
79	Engineering Elective-XXXXXXXII
80	Engineering Elective-XXXXXXXIII
81	Engineering Elective-XXXXXXXIV
82	Engineering Elective-XXXXXXXV
83	Engineering Elective-XXXXXXXVI
84	Engineering Elective-XXXXXXXVII
85	Engineering Elective-XXXXXXXVIII
86	Engineering Elective-XXXXXXXIX
87	Engineering Elective-XXXXXXX
88	Engineering Elective-XXXXXXXI
89	Engineering Elective-XXXXXXXII
90	Engineering Elective-XXXXXXXIII
91	Engineering Elective-XXXXXXXIV
92	Engineering Elective-XXXXXXXV
93	Engineering Elective-XXXXXXXVI
94	Engineering Elective-XXXXXXXVII
95	Engineering Elective-XXXXXXXVIII
96	Engineering Elective-XXXXXXXIX
97	Engineering Elective-XXXXXXX
98	Engineering Elective-XXXXXXXI
99	Engineering Elective-XXXXXXXII
100	Engineering Elective-XXXXXXXIII
101	Engineering Elective-XXXXXXXIV
102	Engineering Elective-XXXXXXXV
103	Engineering Elective-XXXXXXXVI
104	Engineering Elective-XXXXXXXVII
105	Engineering Elective-XXXXXXXVIII
106	Engineering Elective-XXXXXXXIX
107	Engineering Elective-XXXXXXX
108	Engineering Elective-XXXXXXXI
109	Engineering Elective-XXXXXXXII
110	Engineering Elective-XXXXXXXIII
111	Engineering Elective-XXXXXXXIV
112	Engineering Elective-XXXXXXXV
113	Engineering Elective-XXXXXXXVI
114	Engineering Elective-XXXXXXXVII
115	Engineering Elective-XXXXXXXVIII
116	Engineering Elective-XXXXXXXIX
117	Engineering Elective-XXXXXXX
118	Engineering Elective-XXXXXXXI
119	Engineering Elective-XXXXXXXII
120	Engineering Elective-XXXXXXXIII
121	Engineering Elective-XXXXXXXIV
122	Engineering Elective-XXXXXXXV
123	Engineering Elective-XXXXXXXVI
124	Engineering Elective-XXXXXXXVII
125	Engineering Elective-XXXXXXXVIII
126	Engineering Elective-XXXXXXXIX
127	Engineering Elective-XXXXXXX
128	Engineering Elective-XXXXXXXI
129	Engineering Elective-XXXXXXXII
130	Engineering Elective-XXXXXXXIII
131	Engineering Elective-XXXXXXXIV
132	Engineering Elective-XXXXXXXV
133	Engineering Elective-XXXXXXXVI
134	Engineering Elective-XXXXXXXVII
135	Engineering Elective-XXXXXXXVIII
136	Engineering Elective-XXXXXXXIX
137	Engineering Elective-XXXXXXX
138	Engineering Elective-XXXXXXXI
139	Engineering Elective-XXXXXXXII
140	Engineering Elective-XXXXXXXIII
141	Engineering Elective-XXXXXXXIV
142	Engineering Elective-XXXXXXXV
143	Engineering Elective-XXXXXXXVI
144	Engineering Elective-XXXXXXXVII
145	Engineering Elective-XXXXXXXVIII
146	Engineering Elective-XXXXXXXIX
147	Engineering Elective-XXXXXXX</

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credits			
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
107001	Engineering Mathematics-I	03	--	01	30	70	25	--	--	125	03	--	01	04
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02	--	30	70	--	25	--	125	04	01	--	05
102003	Systems in Mechanical Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02	--	30	70	--	25	--	125	03	01	--	04
111006	Workshop [@]	--	02	--	--	--	--	25	--	25	--	01	--	01
Total		16	10	01	150	350	25	125	--	650	16	05	01	22
101007	Audit Course 1 ^{&}	02	Environmental Studies-I											

Induction Program : 2 weeks at the beginning of semester-I and 1 week at the beginning of semester-II

TABLE -2 First Engineering Structure for Semester-II

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credits			
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
107008	Engineering Mathematics-II	04	--	01	30	70	25	--	--	125	04	--	01	05
107002/ 107009	Engineering Physics/ Engineering Chemistry	04	02	--	30	70	--	25	--	125	04	01	--	05
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02	--	30	70	--	25	--	125	03	01	--	04
102012	Engineering Graphics ^Ω	01	02	01	--	50	25	--	--	75	01	01	--	02
110013	Project Based Learning [§]	--	04	--	--	--	25	50	--	75	--	02	--	02
Total		15	12	02	120	330	75	125	--	650	15	05	02	22
101014	Audit Course 2 ^{&}	02	Environmental Studies-II											
107015		--	Physical Education-Exercise and Field Activities											