

NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR (C.G.)

Course of Study and Scheme of Examination of B. Tech. - I & II Semester

First Semester : Electronics (A-Gr.), Electrical (B-Gr.), Bio-Technology, Bio-Medical (C-Gr.), Chemical (D-Gr.), Information Technology (E-Gr.)

Second Semester : Mechanical (F Gr.), Metallurgy (G Gr.), Civil, Mining (H Gr.), Computer Science (I Gr.)

S. No	Board of Study	Subject Code	Subject	Period Per Week			Scheme of Examination				Total Marks	Credit
							THEORY					
				L	T	P	TA	FE	SE	ESE		L+(T+P)/2
1	Humanities & Social Science	0020111 (HS)	Language (Professional Communication in English)	2	-	-	20	15	15	70	120	2
2	Chemistry	0020112 (CH)	Applied Chemistry	3	1	-	20	15	15	70	120	4
3	Physics	0020113 (PH)	Applied Physics	3	1	-	20	15	15	70	120	4
4	Mathematics	0020114 (MA)	Applied Maths-I	3	1	-	20	15	15	70	120	4
5	Electrical Engineering	0020115 (EL)	Basic Electrical Engg.	3	1	-	20	15	15	70	120	4
6	Applied Mechanics	0020116 (AM)	Engineering. Mechanics	3	1	-	20	15	15	70	120	4
7	Chemistry	0020121 (CH)	Chemistry Lab.			2	30			20	50	1
8	Physics	0020122 (PH)	Physics Lab			2	30			20	50	1
9	Electrical Engineering	0020123 (EL)	Electrical Engineering. Lab.			2	30			20	50	1
10	Applied Mechanics	0020124 (AM)	Engineering. Mechanics Lab.			2	30			20	50	1
11	Workshop	0020125 (WS)	Workshop	0	0	6	30	-	-	20	50	3
12	Humanities & Social Science	0020126 (HS)	Communication Skills	0	0	2	15	-	-	-	15	1
13	Humanities & Social Science	0020127 (HS)	NCC/NSS/Sports	0	0	2	15	-	-	-	15	1
			Total	17	5	18	300	90	90	520	1000	31