

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

### Course of Study and Scheme of Examination of B. Tech.

✓ First Semester : Electronics, Electrical, Bio-Technology/Bio-Medical, Chemical, Information Technology

Second Semester : Mechanical, Metallurgy, Civil, Mining, Computer Science

Sr. No.	Board of Study	Subject Code	Subject	Period Per Week			Scheme of Examination				Total Marks	Credit [L+(T+P/2)]
				THEORY								
				L	T	P	TA	FE	SE	ESE		
✓ 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	Elect. Engg.	0020115(EL)	Basic Electrical Engg.	3	1 ✓	-	20	15	15	70	120	4
6	Engg. Mech.	0020116(AM)	Engg. 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	Elect. Engg.	0020123(EL)	Electrical Engg. Lab. ✓			2	30			20	50	1
10	Applied Mech.	0020124(AM)	Engg. 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

Note : For attendance of a student in every theory and practical class, the teachers are supposed to keep records ultimately in the following format which may be included in the semester mark sheets.

Format for attendance		
Attendance		Category
≥ 85	----->	" G " Good
≥ 70 & < 85	----->	" F " Fair
≥ 60 & < 70	----->	" S " Satisfactory
≥ 45 & < 60	----->	" P " Poor
< 45	----->	" V " Very Poor

11/11/10