

**National Institute of Technology Raipur**

Course of Study and Scheme of Examination							B. Tech. 5th Semester				Branch: Civil	
S. No.	Subject Code	Subject Name	Periods per Week			TA	Examination Scheme				Total Marks	Credits
			L	T	P		MSE/MTR		ESE/ESVE			
							Theory	Practical	Theory	Practical		
1	CV105101CV	Structural Analysis II	3	1	0	20	30		50		100	4
2	CV105102CV	Highway and Railway Engineering	3	1	0	20	30		50		100	4
3	CV105103CV	Design of Reinforced Concrete Structures	3	1	0	20	30		50		100	4
4		Program Elective-I	3	0	0	20	30		50		100	3
5		Open Elective-I	3	0	0	20	30		50		100	3
6	CV105401CV	Transportation Engineering Lab	0	0	2	40		20		40	100	1
7	CV105402CV	Structural Analysis Lab	0	0	2	40		20		40	100	1
8	CV105701CV	Summer Internship-I	0	0	2	-					-	1
												21

List of Courses offered as Program electives and Open electives

S.No.4: Program Elective-I		S.No.5: Open Elective-I	
Subject Code	List of Courses	Subject Code	List of Courses
CV105201CV	Geotechnical Engineering-II	CV105301CV	Project Planning and Management
CV105202CV	Modern Surveying Techniques	CV105302CV	Mechanics of composite materials