

National Institute of Technology Raipur

Course of Study and Scheme of Examination							B. Tech. 7th Semester				Branch: Civil	
S. No.	Subject Code	Subject Name	Periods per Week				Examination Scheme				Total Marks	Credits
			L	T	P	TA	MSE/MTR		ESE/ESVE			
							Theory	Prac.	Theory	Prac.		
1	CV107101CV	Environmental Engineering II	3	1	0	20	30		50		100	4
2		Program Elective-I	3	0	0	20	30		50		100	3
3		Program Elective-II	3	0	0	20	30		50		100	3
4		Open Elective-I	3	0	0	20	30		50		100	3
5	CV107401CV	Structural Engineering Drawing Lab	0	0	2	40		20		40	100	1
6	CV107501CV	Project Work	0	0	8	40		20		40	100	4
7	CV107701CV	Summer Internship-II				-					-	2
											20	

List of Courses offered as Program electives and Open electives

S.No.2: Program Elective-I		S.No.3: Program Elective-II		S.No.4: Open Elective-I	
Subject Code	List of Courses	Subject Code	List of Courses	Subject Code	List of Courses
CV107201CV	Irrigation & Hydraulic Structures	CV107251CV	Advanced Design of Reinforced Concrete Structures	CV107301CV	Environmental Impact Assessment & Environmental Management
CV107202CV	Seismic Design of Buildings	CV107252CV	Intelligent Transportation Systems	CV107302CV	Finite Element Methods
CV107203CV	Probabilistic approaches in Civil engineering	CV107253CV	Rock Engineering	CV107303CV	Urban Hydrology