

Rajeev Gandhi Memorial College of Engineering and Technology
(Autonomous)

II Semester

S. No.	Subject Code	Subject	L	T	P	Contact hrs./wk	Credits
1	Core 3	Finite Element Method in Structural Engineering	3			3	3
2	Core 4	Advanced Concrete Technology	3			3	3
3	Program specific elective	1. Maintenance and Rehabilitation of Structures 2. Building Construction and Management 3. Earthquake and Wind Analysis of Structures	3			3	3
4	Program specific elective/MO OCs	1. Structural Optimization 2. Fracture Mechanics 3. Advanced Design of Foundations 4. Reliability of Structures	3			3	3
5	Audit Course	Professional Ethics	3			--	--
6	Lab 3	Structural Design Lab-II	0	0	3	3	1.5
7	Lab 4	Structural Engineering Lab-II	0	0	3	3	1.5
8	Mini Project				3	3	1.5
9	CCE	Continuous Comprehensive Evaluation	0	0	4	4	2
Total:			15		13	25	18.5