

**RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY:: NANDYAL - 518501  
AUTONOMOUS**

**M.Tech II Semester (Structural Engineering )**

**Regulation: 2012**

Sl No	Code	Subject	Scheme of instruction periods/week		Credits	Scheme of Examination		
			Theory	Practical		Internal Marks	External Marks	Total Marks
<b>Theory</b>								
1		Finite Element Method in Structural Engineering	4	-	4	40	60	100
2		Theory and Analysis of Plates	4	-	4	40	60	100
3		Stability of Structures	4	-	4	40	60	100
4		Structural Dynamics and Earthquake Resistant Design.	4	-	4	40	60	100
5		Advanced Design of RCC & Steel	4	-	4	40	60	100
6		Elective- I a) Fracture Mechanics Pre-stressed Concrete b) Composite Materials. c) Pre-fabricated Concrete Structures d) Strategic Management e) Design of Bridge Structures f) Soil-Structure Interaction g) Smart Structures And Applications	4	-	4	40	60	100
<b>Practical</b>								
7		Structural Engineering Lab-II	-	3	2	40	60	100
8		CAD Lab-II	-	3	2	40	60	100
9		Core Comprehensive Viva-II	-	3	2		50	50
<b>Total</b>			<b>24</b>	<b>9</b>	<b>30</b>	<b>310</b>	<b>530</b>	<b>850</b>