

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

M.Tech I 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
Theory								
1		Advanced Engineering Mathematics	4	-	4	40	60	100
2		Theory of Elasticity & Plsticity	4	-	4	40	60	100
3		Matrix Analysis of Structures	4	-	4	40	60	100
4		Computer Applications and CAD	4	-	4	40	60	100
5		Advanced Concrete Technology	4	-	4	40	60	100
6		Elective- I a) Experimental Stress Analysis b) Optimization in Structural Design. c) Foundation Engineering d) Plastic Analysis and Design e) Forensic Engineering f) Rehabilitation Of Structures g) Pavement Analysis And Design	4	-	4	40	60	100
Practical								
7		Structural Engineering Lab-1	-	3	2	40	60	100
8		CAD Lab-I	-	3	2	40	60	100
9		Core Comprehensive Viva-I	-	3	2		50	50
		Total	24	9	30	320	530	850