

**School of Engineering and Technology****Department of Civil Engineering****M.Tech Civil(Structural Engineering)****Semester I & II****Course Structure****AY 2023-24****Semester I**

Theory/ Practical	Sl. No	Course Type	Course Code	Course Name	Hours per week			Credit	Mark	
					L	T	P		IA	EA
T	1.	PCC		Continuum Mechanics	3	1	0	4	40	60
T	2.	PCC		Structural Dynamics	3	1	0	4	40	60
T	3.	PCC		Advanced Structural Analysis	3	1	0	4	40	60
T	4.	OEC		Open Elective	3	0	0	3	40	60
T	5.	MC		Research Methodology	2	0	0	2	40	60
T	6.	AC		Audit Course – I	2	0	0	0	00	100
Total					16	3	0	17	200	400

Semester II

Theory/ Practical	Sl. No	Course Type	Course Code	Course Name	Hours per week			Credit	Mark	
					L	T	P		IA	EA
T	1.	PCC		Advanced Concrete Technology	3	0	0	3	40	60
T	2.	PCC		Advanced Structural Design	3	1	0	4	40	60
T	3.	PCC		Earthquake Engineering	3	1	0	4	40	60
P	4.	PCC		Structural Engineering Lab -I	0	0	4	2	50	50
T	5.	PEC		Professional Elective - I	3	1	0	4	40	60
T	6.	AC		Audit Course - II	2	0	0	0	00	100
Total					14	3	4	17	210	390

Professional Elective – I

Sl.No.	Course Type	Code	Course
1.	PEC		Numerical Methods in Structural Engineering
2.	PEC		Statistical Method
3.	PEC		Theory of Stability of Structures



Open Elective

Sl.No.	Course Type	Code	Course
1.	OEC		Operation Research
2.	OEC		Industrial safety
3.	OEC		Cost Management of Engineering Projects

Audit Course - I

Sl.No.	Course Type	Code	Course
1.	AU		English for Research paper writing
2.	AU		Disaster Management
3.	AU		Value Education

Audit Course - II

Sl.No.	Course Type	Code	Course
1.	AU		Personality Development through Life Enlightenment Skills.
2.	AU		Constitution of India
3.	AU		Pedagogy Studies