



Swaminarayan University

Teaching & Examination Scheme

Course – Faculty of Engineering (ME)

Branch – Civil Engineering (Structural Engineering)

Semester – 1st

Subject Code	Subject Name	Category	L	T	P	Total Credit	E	M	I	V	Total Marks
ME100101	Research Paper Writing	Audit Course	2	0	0	0	50	0	0	0	50
ME100102	Disaster Management		2	0	0	0	50	0	0	0	50
ME100103	Stress Management by Yoga		2	0	0	0	50	0	0	0	50
ME100104	Constitution of India		2	0	0	0	50	0	0	0	50
ME100105	Research Methodology and IPR	MLC	1	0	2	2	0	0	20	80	100
ME106101	Advanced Structural Analysis	Core I	3	0	2	4	60	40	20	30	150
ME106102	Advanced Concrete Design	Core II	3	0	2	4	60	40	20	30	150
ME106103	Analytical and Numerical methods for Structural Engg.	Open Elective I	3	0	2	4	60	40	20	30	150
ME106104	Theory and applications of cement composites		3	0	2	4	60	40	20	30	150
ME106105	Theory of structural stability		3	0	2	4	60	40	20	30	150
ME106106	Advanced Solid Mechanics	Open Elective II	3	0	2	4	60	40	20	30	150
ME106107	Theory of Thin plates & shells		3	0	2	4	60	40	20	30	150
ME106108	Structural Optimization		3	0	2	4	60	40	20	30	150
	Total		15	0	10	18					

L=Lecture, T=tutorial, P=Practical, E=Theory External, M=Theory Internal, I=Practical Internal, V=Practical External