

Nirma University
School of Engineering, Institute of Technology
Teaching & Examination Scheme of Master of Technology in Civil Engineering
(Construction Technology and Management)

SEMESTER-I

w.e.f.: AY2023-24

Course Code	Course Title	Teaching Scheme (hours/week)				Examination Scheme			
		L	T	P	C	Dur ation , hrs	Component Weightage		
						SEE	CE	LPW	SEE
6CL201	Construction Project Planning, Scheduling and Controlling	3	-	-	3	3	0.6	-	0.4
6CL202	Advanced Construction Technology	3	-	-	3	3	0.6	-	0.4
6CL203	Contract Management	3	-	-	3	3	0.6	-	0.4
6CL2XX	Elective I	3	-	-	3	3	0.6	-	0.4
6CL291	Minor Project I	-	-	8	4	-	-	1.0	-
6CL204	Construction Practice Studio	-	-	8	4	-	-	1.0	-
	Total	12	-	16	20				
Supplementary Course*									
6CL181	Communication Skills and Technical Writing	-	1	-	-	-	1.0	-	-

* As per provision of regulation R. Eng. (PG) – 19, The Dean, FOTE is empowered to decide the supplementary course, so it would be notified separately.

List of Elective Courses

Elective I & II (3-0-0-3)	
Course Code	Course Title
6CL221	Quantitative Techniques in Management
6CL222	Infrastructure Project Development and Management
6CL223	Building Automation and Smart City Planning
6CL224	Real Estate Development and Management
6CL225	Safety, Health and Quality Management for Construction Projects
6CL226	Human Resource Management & Organizational Behaviour
6CL227	Value Engineering
6CL228	Insurance & Risk Management for Construction Projects
6CL229	Sustainable Construction Technologies and Management
6CL230	Advances in Construction Materials
6CL231	Business Strategies and Corporate Planning
6CL232	Environmental Impact Assessment for Construction Projects