

**NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
SCHOOL OF ENGINEERING
Teaching & Examination Scheme
BTech in Civil Engineering
Semester-VII**

w. e. f. Academic Year 2025-26

Course Code	Course Title	Teaching Scheme (hours/week)				Examination Scheme			
		L	T	P	C	Duration Hours	Component Weightage		
						SEE	CE	LPW	SEE
4CL201CC25	Professional Practice	3	0	2	4	3	0.3	0.3	0.4
4FT901CC24	Research Methodology and Seminar*	0	0	4	4	-	0.5	0.5	-
	Department Elective-III	3	1	0	4	3	0.6	-	0.4
		3	0	2			0.3	0.3	0.4
	Department Elective-IV	3	1	0	4	3	0.6	-	0.4
		3	0	2			0.3	0.3	0.4
	Elective Course-II under Minor	3	1	0	4	3	0.6	-	0.4
		3	0	2			0.3	0.3	0.4
		2	1	2			0.3	0.3	0.4
	Total	-	-	-	20	-	-	-	-

*The course will be spread over two semesters (semester 6 and semester 7). 4 credits will be awarded on successful completion of examination components at the end of semester 7.

L: Lectures, P/T: Practical / Tutorial, C: Credits

SEE: Semester End Examination

LPW/PW: Laboratory / Project Work

CE: Continuous Evaluation

w.e.f. for first year students admitted in 2022-23 and Diploma to Degree students admitted in 2023-24 onwards

Department Elective–III

Sr. No.	Course Code	Course Title	L	T	P	C
1.	4CL101ME25	Prestressed Concrete	3	1	0	4
2.	4CL202ME25	Building Services	3	1	0	4
3.	4CL401ME25	Ground Improvement Techniques	3	0	2	4
4.	4CL501ME25	Air and Noise Pollution	3	1	0	4

Department Elective–IV

Sr. No.	Course Code	Course Title	L	T	P	C
1	4CL102ME25	Earthquake Resistant Design of Structures	3	1	0	4
2	4CL203ME25	Advances in Construction Management*	3	1	0	4
3	4CL301ME25	Pavement Engineering	3	1	0	4
4	4CL601ME25	Hydraulic Structures	3	1	0	4

* Advances in Construction Management will not be offered to the students who have opted for Minor in Construction Technology and Management