

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
Proposed Teaching and Examination Scheme
Bachelor of Technology (Civil Engineering)
Semester-V

w. e. f. Academic Year 2026-27

Course Code	Course Title	Teaching Scheme (hours/week)				Examination Scheme			
		L	T	P	C	Duration Hours	Component Weightage		
						SEE	CE	LPW	SEE
3CL101CC24	Design of Concrete Structures	3	0	2	4	3	0.3	0.3	0.4
3CL603CC26	Water Resources Engineering	3	0	2	4	3	0.3	0.3	0.4
3CL501CC24	Environmental Engineering	3	0	2	4	3	0.3	0.3	0.4
3CL402CC26	Foundation Engineering	3	0	2	4	3	0.3	0.3	0.4
2CL301CC26	Transportation Engineering	3	0	2	4	3	0.3	0.3	0.4
	Department Elective-I	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	-	-	-	24	-	-	-	-

16 FEB 2026


Deputy Registrar (Examination)
NIRMA UNIVERSITY
Sarkhej-Gandhinagar Highway
Ahmedabad- 382481 INDIA

Department Elective-I

Sr. No.	Course Code	Course Title	L	T	P	C
1.	3CL201ME24	Advanced Concrete Technology	3	0	2	4
2.	3CL102ME24	Advanced Structural Mechanics	3	0	2	4
3.	3CL202ME24	Sustainable Building Technologies	3	1	-	4
4.	4CL202ME26	Building Services	3	0	2	4
5.	4CL401ME26	Ground Improvement Techniques	3	1	0	4
6.	3CL701ME24	Geomatics	3	0	2	4
7.	-	SWAYAM NPTEL Courses*	-	-	-	4

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

SEE: Semester End Examination

LPW/PW: Laboratory / Project Work

CE: Continuous Evaluation

w.e.f. for first year students admitted in 2024-25 and D to D students admitted in 2025-26 onwards

*Students will be provided with the choice in the form of a pool of courses to be offered by SWAYAM NPTEL from time-to-time which they may opt in place of the department elective as per the guidelines given in notification NU/AC/AC-130325/3(H)25-42 dated 15/04/2025.

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