

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

w. e. f. Academic Year 2024-25

Course Code	Course Title	Teaching Scheme (hours/week)				Examination Scheme			
		L	T	P	C	Duration Hours	Component Weightage		
							SEE	CE	LPW
	Design of Concrete Structures	3	0	2	4	3	0.3	0.3	0.4
	Hydraulics & Water Resources Engineering	3	0	2	4	3	0.3	0.3	0.4
	Environmental 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
	Core Course-I 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
	Core 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	-	-	-	24	-	-	-	-

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

SEE: Semester End Examination

LPW/PW: Laboratory / Project Work

CE: Continuous Evaluation

Department Elective-I

Sr. No.	Course Code	Course Title	L	T	P	C
1.		Advanced Concrete Technology	3	0	2	4
2.		Advanced Structural Mechanics	3	0	2	4
3.		Sustainable Building Technologies	3	1	0	4
4.		Advances in Geotechnical Engineering	3	0	2	4
5.		Traffic Engineering and Road Safety	3	1	0	4
6.		Geomatics	3	1	0	4
7.		Disaster Management	3	1	0	4

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