

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

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	SEE
	Construction Project Management	3	0	2	4	3	0.3	0.3	0.4
	Design of Steel Structures	3	0	2	4	3	0.3	0.3	0.4
	Research Methodology*	2	0	0	-	-	0.5	-	-
	Department Elective-II	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-III 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
	Elective 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
<b>Total</b>		-	-	-	<b>20</b>	-	-	-	-
<b>Internship</b>									
Summer Internship**		-	-	-	<b>6</b>		1	-	-

\*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.

\*\*Compulsory Summer Internship of 6 weeks duration in summer break between Semester VI and VII

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

SEE: Semester End Examination

LPW/PW: Laboratory / Project Work

CE: Continuous Evaluation

**Department Elective-II**

Sr. No.	Course Code	Course Title	L	T	P	C
1.		Maintenance and Rehabilitation of Structures	3	0	2	4
2.		Advanced Design of Concrete Structures	3	0	2	4
3.		Advanced Construction Technologies***	3	1	0	4
4.		Geo-environmental Engineering	3	1	0	4
5.		Port, Airport and Railway Engineering	3	1	0	4
6.		Solid Waste Management	3	1	0	4
7.		Advances in Water Resources Engineering	3	1	0	4

\*\*\*Advanced Construction Technologies will not be offered to the students who have opted for Minor in Construction Technology and Management.

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