

Lesson Planning (Practical)

Branch : Civil Engineering

Semester : 5th

Subject : Design Of RCC Structure Lab

Session : August-December 2026

Teacher: Er. Anuj Rana

S.No.	No. of WEEKS	Chapter/ Unit Description	Detail of Contents	Remarks
1	Week 1	Practical 1	• Rectangular beams – Singly reinforced	
2	Week 2			
3	Week 3	Practical 2	• Rectangular beams- Doubly reinforced	
4	Week 4	Practical 3	• One-way slabs	
5	Week 5	Practical 4	• Two-way slabs (Corner not held down)	
6	Week 6	Practical 5	• Square columns with isolated footing of uniform depth and varying depth (sloped footings)	
7	Week 7	Practical 6	• Circular column with isolated footing of uniform depth and varying depth (sloped footings).	
8	Week 8			
9	Week 9	Practical 8	• Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements.	
10	Week 10			
11	Week 11	Practical 10	• Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing.	
12	Week 12			
13	Week 13	Practical 12	• Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements.	
14	Week 14	Practical 13		

Signature of Teacher

Signature of H.O.D/OIC