

LESSON PLAN (WINTER-2026)

Discipline- Civil Engineering	Semester-5th (3rd Year)
Semester from Date- 01.07.2026 to 05.11.26	No of weeks-19
No of classes allotted(hours/week)-04	Total Period-64
Subject-DESIGN RCC STRUCTURE LAB	Subject Code-pr.3

Name of the Teaching Faculty-MANMATHA KUMAR MAJHI

WEEK	DATE	NO OF CLASSES	TOPICS TO BE COVERED
1ST	03.07.26	02	1. Draw the cross section , stress diagram strain diagram of single reinforced beam& Double Reinforced Beam using Autocad Software.
2ND	07.07.26	02	. Draw the cross section , stress diagram strain diagram of single reinforced beam& Double Reinforced Beam using Autocad Software.
	10.07.26	02	Draw the cross section , stress diagram strain diagram of single reinforced beam& Double Reinforced Beam using Autocad Software.
3RD	14.07.26	02	. Draw the cross section , stress diagram strain diagram of single reinforced beam& Double Reinforced Beam using Autocad Software.
	17.07.26	02	. Draw the cross section , stress diagram strain diagram of single reinforced beam& Double Reinforced Beam using Autocad Software. EXPERIMENT COMPLETE SUBMISSION OF RECORD
4TH	21.07.26	02	2. Draw sketches of different types of column footings.
	24.07.26	02	Draw sketches of different types of column footings.
5TH	28.07.26	02	Draw sketches of different types of column footings.
	31.07.26	02	Draw sketches of different types of column footings.
6TH	04.08.26	02	Draw sketches of different types of column footings. EXPERIMENT COMPLETE SUBMISSION OF RECORD
	07.08.26	02	3. Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements.
7TH	11.08.26	02	Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements.
	14.08.26	02	Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements.
8TH	18.08.26	02	Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements.
	21.08.26	02	Interpret the actual RCC Structural Drawings used on site with reference to reinforcement details of various structural elements. EXPERIMENT COMPLETE SUBMISSION OF RECORD
9TH	25.08.26	02	4. Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements
	28.08.26	02	Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements
10TH	01.09.26	02	Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements
11TH	08.09.26	02	Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements
	11.08.26	02	Prepare a checklist for reinforcement provided from actual drawings used on site for various structural elements EXPERIMENT COMPLETE SUBMISSION OF RECORD
12TH	18.08.26	02	5. Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing.

13TH	22.08.26	02	Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing
	25.08.26	02	Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing
14TH	29.08.26	02	Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing
15TH	06.09.26	02	Prepare a detailed report of site visit for reinforcement detailing of structural elements like beams, columns, staircase & footing
	09.09.26	02	6. Modeling , Analysis & Design of Beam using STAAD-Pro. Software
16TH	13.09.26	02	Modeling , Analysis & Design of Beam using STAAD-Pro. Software
	16.09.26	02	Modelling , Analysis & Design of Beam using STAAD-Pro. Software
17TH	23.09.26	02	Modelling , Analysis & Design of Beam using STAAD-Pro. Software
18TH	27.09.26	02	Modelling , Analysis & Design of Beam using STAAD-Pro. Software
	30.09.26	02	Modelling , Analysis & Design of Beam using STAAD-Pro. Software
19TH	03.11.26	02	EXPERIMENT COMPLETE SUBMISSION OF RECORD
	06.11.26	02	FINAL SUBMISSION OF RECORD

Signature of concerned faculty

Department of Civil Engineering
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