

# NM Institute Of Engineering and Technology, Bhubaneswar

## DEPARTMENT: CIVIL

LESSON PLAN: Academic Year 2022-23 (Odd Semester)

COURSE: DIPLOMA

SEMESTER: 3rd

Subject/Code: BMCT

Faculty Name: ASHIMA MOHANTY

Sl. No.	Name of the Topic to Cover	Text Book	Teaching Method	Remark
1	Classification of rock, uses of stone, natural bed of stone	T1	P	OK
2	Classification of rock, uses of stone, natural bed of stone	T2	G	OK
3	Qualities of good building stone	T2	P	OK
4	Dressing of stone	T3	G	OK
5	Characteristics of different types of stone and their uses	T1	G	OK
6	Brick earth – its composition	R1	G	OK
7	Brick earth – its composition	T2	G	OK
8	Brick making – Preparation of brick earth, Moulding, Drying, Burn	R1	G	OK
9	Brick making – Preparation of brick earth, Moulding, Drying, Burn	T1	G	OK
10	Classification of bricks, size of traditional and modular brick	T2	P	OK
11	qualities of good building bricks	R1	G	OK
12	Cement: Types of cements	T1	P	OK
13	Properties of cements	T2	G	OK
14	Manufacturing of cement	T3	G	OK
15	Importance and application of blended cement with fly ash and b	T1	G	OK
16	furnace slag	T2	G	OK
17	Timber: Classification and Structure of timber	T2	P	OK
18	Timber: Classification and Structure of timber	T1	G	OK
19	Seasoning of timber – Importance	R1	G	OK
20	Composition of Paints, enamels, varnishes	R2	G	OK
21	Types and uses of surface protective materials	R1	G	OK

22	Types and uses of surface protective materials	T3	P	OK
23	Different components of a building. Site investigation – objectives, site	T2	G	OK
24	reconnaissance and explorations	T1	G	OK
25	Shallow foundation-constructional details of : Spread foundations for	T3	G	OK
26	walls, thumb rules for depth and width of foundation and thickness of	T2	G	OK
27	Deep foundations: Pile foundations-their suitability, classification of	T2	P	OK
28	piles based on materials, function and method of installation.	T1	P	OK
29	walls, thumb rules for depth and width of foundation and thickness of	T2	G	OK
30	concrete block	T1	G	OK
31	meaning and necessity: English bond for 1 and 1-1/2 Brick thick	T2	G	OK
32	walls. T, X and right angled corner junctions. Thickness for 1 and 1-1/2	T2	G	OK
33	brick square pillars in English bond	T3	G	OK
34	Glossary of terms used in doors and window	R1	P	OK
35	Doors – different types of door	R1	P	OK
36	Purpose of use of arches and lintels	T2	G	OK
37	Pointing – purpose –Types of pointing	T3	G	OK
38	Plastering – purpose – Types of plastering, Types of plaster finishes	T3	G	OK
39	grit finish, rough cast, smooth cast, sand faced, pebble dash, acoustic	T2	P	OK
40	plastering and plain plaster etc	R1	P	OK
41	Aims of energy management of building	T3	G	OK
42	Types of energy audit, Response energy audit questionnaire	T2	G	OK
43	Types of energy audit, Response energy audit questionnaire	R1	G	OK
44	Protective, Decorative Finishes, Damp and Termite Proofing	T2	G	OK
45	Protective, Decorative Finishes, Damp and Termite Proofing	R1	P	OK

Method of Teaching

G: Green Board Teaching

P: Power Point Teaching

Faculty Signature

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XT BOOKS: