

Department of Civil Engineering

II B.Tech II SEM-A, CM&M, 2015-16

LESSON PLAN

J.SEKHAR RAJU

Period	Date	Topic	Unit No	Teaching Methodology	Cumulative Periods
7	20-12-2015	Introduction to construction Materials , physical properties	1	C.R	1
1	22-12-2015	ROCKS AND STONES: Classification of rocks and characteristics of good building stones, Seasoning of stones	1	C.R	2
7	28-12-2015	BRICKS: Manufacturing of bricks	1	C.R	3
1	29-12-2015	Tests on bricks	1	C.R	4
1,2	03-12-2015	CERAMICS: Manufacturing of ceramics	1	C.R	6
1	04-01-2015	Terracotta manufacturing	1	C.R	7
1,2	05-01-2015	LIME : Lime cycle	1	C.R	9
7	10-01-2015	CEMENT: Manufacturing of cement	1	C.R	10
1,2	11-01-2015	Types of cement, Uses and properties of cement	1	C.R	12
1	18-01-2015	TIMBER: Structure of a timber, Seasoning of timber, Diseases and defects	1	C.R	13
1,2	24-01-2015	POZZOLONAS: Fly ash, GBFS, SURCHI, rice husk, Silica fumes	1	C.R	15
7	29-01-2015	MORTAR: Types of mortar, Manufacturing of mortar	2	C.R	16
1	07-02-2015	CONCRETE: Properties of green and hardened concrete, Workability of concrete, Tests on concrete	2	C.R	17
1,2	09-02-2015	GLASS: Manufacturing of glass, Properties of glass and uses	2	C.R	19
7	12-02-2015	METALS AND ALLOYS: Properties Of Ferrous Metals, Non Ferrous Metals	2	C.R	20
1	15-02-2015	PLASTICS: Classification of plastics, Properties of FRP	2	C.R	21
7	23-02-2015	FOUNDATIONS: Types of foundation, Function of each foundation	3	C.R	22
1,2	25-02-2015	BRICK MASONRY: Types of bonds in brick masonry	3	C.R	24

1,2	01-03-2015	STONE MASONRY: Types of stone masonry	3	C.R	26
7	04-03-2015	PARTITION WALLS: Types of partition walls and uses DAMP PROOFING: Materials used for damp proofing	3	C.R	27
7	08-03-2015	DOORS: Types of doors and uses with diagrams WINDOWS: Types of windows with sketches, Types of lintels	4	C.R	28
1,2	10-03-2015	STAIRS: Classification of stairs with diagrams, Requirement of good stairs	4	C.R	30
1,2	18-03-2015	FLOORS AND FLOORING: Types of floors, Materials used for flooring ROOFS: Types of roofs along with sketches	4	C.R	32
7	22-03-2015	HOLLOW BLOCKS: Advantages and disadvantages FERRO CEMENT: Advantages and disadvantages	4	C.R	33
1	28-03-2015	POINTING: Classification of pointing, Method of pointing PLASTERING: Types of plastering	5	C.R	34
7	01-04-2015	SHORING: Classification of shoring along with sketches UNDERPINNING: methods of underpinning along with sketches	5	C.R	35
1,2	12-04-2015	SCAFFOLDING: types of scaffolding along with sketches FORMWORK: types of formwork along with sketches	5	C.R	37
7	17-05-2015	Types of white washing, Colour washing	5	C.R	38
1,2	19-05-2015	DISTEMPERING: Process of distempering	5	C.R	40
1,2	22-05-2015	Termite proofing	5	C.R	43

NOTE: C.R- Class Room Teaching (Black board, PPT)


Signature