

# Department of Civil Engineering

III B.Tech II SEM,D&DCS-II, 2015-16

## LESSON PLAN SEC-A J.SEKAHR RAJU

Period	Date	Topic	Unit No	Teaching Methodology	Cumulative
1,2,5,8	4/12/2015	<b>Footings:</b> types of footings...	1	C.R	4
1,2	10/12/2015	Distribution of base pressure	1	C.R	6
5	14/12/2015	General Design considerations for footings			7
7,8	15/12/2015	General Design considerations for footings	1	C.R	9
7,8	16/12/2015	Design of Isolated rectangular, square footing, circular footing and. Combine footing with slab.	1	C.R	11
1,2	18/12/2015	<b>Slabs:</b>	2	C.R	13
1,2	1/1/2016	circular slabs –	2	C.R	15
5	4/1/2016	circular slabs – Simply supported end conditions with Uniformly Distributed Loads	2	C.R	16
7	5/1/2016	circular slabs – Simply supported end conditions with Uniformly Distributed Loads	2	C.R	17
8	18/1/2016	Fixed end conditions with Uniformly Distributed Loads	2	C.R	18
7,8	19/1/2016	Fixed end conditions with Uniformly Distributed Loads	2	C.R	20
1,2	22/1/2016	conditions with Uniformly Distributed Loads	2	C.R	22
1,2,3,4	29/1/2016	Flat slabs.	2	C.R	26
5,6,7,8	2/2/2016	DESIGN	2	C.R	30
1,2	5/2/2016	<b>Bridges:</b> components of a bridge in sub structure and superstructure..	3	C.R	32
5	8/2/2016	<b>Bridges:</b> components of a bridge in sub structure and superstructure..	3	C.R	33
8	9/2/2016	<b>Bridges:</b> components of a bridge in sub structure and superstructure..	3	C.R	34
1,2	12/2/2016	<b>Bridges:</b> components of a bridge in sub structure and superstructure..	3	C.R	36
5	15/2/2016	<b>Bridges:</b> components of a bridge in sub structure and superstructure..	3	C.R	37

8	16/2/2016	Design of solid slab BRIDGE girder for IRC loadings.	3	C.R	38
1,2	29/2/2016	Class-aa	3	C.R	40
5	2/3/2016	Class-A	3	C.R	41
1,2	4/3/2016	<b>Piles and pile caps:</b>	4	C.R	43
5	8/3/2016	Design of bored cast-in-situ piles (bearing and friction types), under reamed piles.	4	C.R	44
8	9/3/2016	Design of Pile cap for three and four piles using bending method.	4	C.R	45
				C.R	
1,2	11/3/2016	Design of Pile	4	C.R	47
5	15/3/2016	Three pile cap	4	C.R	48
5,6,7,8	16/3/2016	Three pile cap	4	C.R	52
6,7,8	17/3/2016	Four pile cap	4	C.R	55
1,2,3	21/3/2016	<b>Water Tanks: (working stress method):</b>	5	C.R	58
5.6	22/3/2016	Impermeability requirements,	5	C.R	60
1,2,3,4	25/3/2016	Design of rectangular	5	C.R	64
2,3	29/3/2016	circular water tanks resting on ground,	5	C.R	66
1,2	3/4/2016	circular water tanks resting on ground,	5	C.R	68
5	5/4/2016	Elevated water tank.	5	C.R	69
6.5	6/4/2016	Elevated water tank.	5	C.R	71

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



Signature