Department of Civil Engineering

I M.Tech I SEM, **Tps**, 2016-2017

LESSON PLAN

Period	Date	Topic	Unit No	Teaching Methodology	Cumulative Periods
3,4	24-08-2016	Introduction on theory of plates and shells(different kinds of plates)	I	CR/BB	2
1, 2	29-08-2016	Derivation of defferential equation of cylindrical rectangular plate	I	CR	4
3,4	31-08-2016	Analysis of udl rectangular plates with simply support edges	I	CR	6
3,4	09-09-2016	Analysis of udl rectangular plates with fixed edges	I	CR	8
3,4	14-09-2016	Small deflection of rectangular plates by naiveer solutions	I	CR	10
1,2	19-09-2016	Small deflection of rectangular plates by levy solutions b.c.s	I	CR/BB	12
3,4	21-09-2016	Circular plates symmetrically lateral loaded under various conditions	I	CR	14
1,2	26-09-2016	Circular plates uniform loaded under various conditions	II	CR	16
3,4	28-09-2016	Symmetrically annular plates	II	CR/BB	18
1,2	03-10-2016	Introduction on shells	II	CR	20
3,4	05-10-2016	Equation of equilibruim of principle of membrane theory	III	CR	22
1,2	10-10-2016	Derivation of stress resultant	III	CR	24
1,2	24-10-2016	Equation of equilibrium bending theory of shells	III	CR	26
3,4	26-10-2016	Review on 3rd unit	IV	CR	28
1,2	31-10-2016	Introduction on Cylindrical shells	IV	CR/BB	30
3,4	02-11-2016	Derivation of governing equation DKJ for bending theory	IV	CR	32
1,2	07-11-2016	Derivation of equation of shoreer theory	IV	CR	34
3,4	09-11-2016	Applicationto the analysis and design of short and long shells	IV	CR/BB	36
1,2	14-11-2016	Use of ASCE manual coeffcient for the design	IV	CR	38
3,4	16-11-2016	Review on 4th unit	IV	CR/PPT	40
1,2	21-11-2016	Introduction to the shells of double	V	CR/BB/PPT	42

		curvatures			
3,4	23-11-2016	Geometrical analysis of conoid	V	CR	44
1,2	28-11-2016	Geometrical analysis of parabolid	V	CR	46
3,4	30-11-2016	Eliptical parabolid	VI	CR	48
1,2	05-12-2016	Hyperbolic parabolid	VI	CR/PPT/BB	50
3,4	07-12-2016	Review on 5th unit	VI	CR/PPT/BB	52
3,4	14-12-2016	revision	VI	CR/PPT/BB	54
1,2	15-12-2016	revision	VI	CR	56

NOTE: C.R / BB- Class Room Teaching (Black Board, PPT)

Signature