

DRONACHARYA

College of Engineering

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: Civil Engineering

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject With code- Structure Analysis II (CE-202-F)

Name of Faculty with designation : Mr. Abhi Bansal (Assistant Professor)

S.No.	Month	Date & Day	Sem-Class	Section/Unit	Topic/Chapter covered	Academic activity	Test / assignment
1	January	09.01.2018 Tuesday	IV-CE	A	Introduction about self & students and DCE teaching methodology.	.....	Assignment of 02 Ques. given
2	January	10.01.2018 Wednesday	IV-CE	A	Statically Indeterminate Structures-Introduction. concept of influence lines in beams	.....	Assignment of 02 Ques. given
3	January	12.01.2018 Friday	IV-CE	A	Static and Kinematic Indeterminacies, Castigliano's theorems	.....	Assignment of 02 Ques. given
4	January	16.01.2018 Tuesday	IV-CE	A	Strain energy method, Analysis of frames with one or two redundant members using Castigliano's 2nd theorem	.....	Assignment of 02 Ques. given
5	January	17.01.2018 Wednesday	IV-CE	A	Concept of rolling load, design of maximum bending moment, shear force due to rolling load.	.....	Assignment of 02 Ques. given
6	January	19.01.2018 Friday	IV-CE	A	Slope deflection and moment Distribution Methods. Analysis	.....	Assignment of 02 Ques. given
7	January	30.01.2018 Tuesday	IV-CE	A	Portal frames with inclined members.	.....	Assignment of 02 Ques. given
8	January	31.01.2018 Wednesday	IV-CE		Class Test-I		
9	February	2.02.2018 Friday	IV-CE	B	Three hinged arch-horizontal thrust	.....	Assignment of 02 Ques. given
10	February	6.02.2018 Tuesday	IV-CE	B	shear force and bending moment diagrams	.....	Assignment of 02 Ques. given
11	February	7.02.2018 Wednesday	IV-CE	B	Definition and signs, conventions	Assignment of 02 Ques. given

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12	February	9.02.2018 Friday	IV-CE	B	axial force, shear force and B.M diagrams.	Assignment of 02 Ques. given
13	February	20.02.2018 Tuesday	IV-CE	B	indeterminate beams and frames	.....	Assignment of 02 Ques. given
14	February	21.02.2018 Wednesday	IV-CE	B	Bending moment and shear force indeterminate	.....	Assignment of 02 Ques. given
15	February	23.02.2018 Friday	IV-CE	C	Unsymmetrical Bending Introduction	.....	Assignment of 02 Ques. given
16	February	27.02.2018 Tuesday	IV-CE		Class Test-II		
17	February	28.02.2018 Wednesday	IV-CE	C	Centroidal principal axes of sections	.....
18	March	6.03.2018 Tuesday	IV-CE	C	Bending stresses in beam subjected to unsymmetrical bending	.....	Assignment of 02 Ques. given
19	March	7.03.2018 Wednesday	IV-CE	C	shear centre, shear centre for channel	.....	Assignment of 02 Ques. given
20	March	09.03.2018 Friday	IV-CE	C	Angles and Z sections	.....	Assignment of 02 Ques. given
21	March	13.03.2018 Tuesday	IV-CE	C	Cable and suspension Bridges-Introduction	.....	Assignment of 02 Ques. given
22	March	14.03.2018 Wednesday	IV-CE	C	uniformly loaded cables, s,	.....	Assignment of 02 Ques. given
23	March	16.03.2018 Friday	IV-CE	C	three hinged stiffening	.....	Assignment of 02 Ques. given
24	March	27.03.2018 Tuesday	IV-CE	C	Temperature stresses	.....	Assignment of 02 Ques. given
25	March	28.03.2018 Wednesday	IV-CE	C	Girder and two hinged stiffening	.....	Assignment of 02 Ques. given
26	April	3.04.2018 Tuesday	IV-CE	D	Analysis of statically determinate trusses		Assignment of 02 Ques. given
27	April	4.04.2018 Wednesday	IV-CE	D	various types, stability	.....	Assignment of 02 Ques. given
28	April	06.04.2018 Friday	IV-CE	D	analysis of space trusses using tension coefficient method.	Assignment of 02 Ques. given
29	April	10.04.2018 Tuesday	IV-CE		Class Test-III		

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30	April	11.04.2018 Wednesday	IV-CE				Revision Section A and Section B
31	April	13.04.2018 Friday	IV-CE				Revision Section C and Section D
32	April	24.04.2018 Tuesday	IV-CE				Class Test-IV Full Syllabus