#132, AECS Layout, IT Park Road, Kundalahalli, Bangalore – 560 037
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CMR INSTITUTE
OF TECHNOLOGY

Session wise – Course Plan

Department of Civil Engineering			
SEMESTER	**: V**	**NAME OF THE FACULTY**	**: VIBHA N DALAWAI**
BRANCH	**: CIVIL**	**DATE OF COMMENCEMENT**	**: 07.08.2017**
SUBJECT	**: DRCC**	**DATE OF CLOSING**	**: 20.11.2017**

Class no.	DATE	DAY	Topics planned for the session	Teaching Aids	Assignments/	Topics covered
					Tests planned for the chapter	As per plan
1	07.08.17	1	Introduction, Code requirements, Design Loads			
2	08.08.17	2	Material for RC			
3	09.08.17	3	Design philosophy - Limit state design principles			
4	10.08.17	4	Working stress methods and ultimate load method.			
5	11.08.17	5	Principle of Working stress methods and analysis of beam by WSM			
6	12.08.17	6	Principles of limit state, Factor of safety			
7	14.08.17	1	Characteristics & design loads, Characteristics & design loads.			
8	16.08.17	2	Principles of limit state design and general aspect of ultimate strength.			
9	17.08.17	3	Principles of limit state design and general aspect of ultimate strength.			
10	18.08.17	4	ultimate flexural strength of singly reinforced rectangular sections			
11	19.08.17	5	ultimate flexural strength of doubly			

			reinforced rectangular sections			
12	21.08.17	6	ultimate flexural strength of flanged section,			
13	22.08.17	1	ultimate shear strength of RC section,			
14	23.08.17	2	ultimate torsional strength of RC section,			
15	24.08.17	3	Concepts of development length and anchorage			
16	28.08.17	4	Analysis examples of singly reinforced, doubly reinforced - 2+1 each = 4+2			
17	29.08.17	5	Analysis examples of singly reinforced, doubly reinforced - 2+1 each = 4+2			
18	30.08.17	6	Analysis examples of flanged section,2+1			
19	30.08.17	1	Analysis examples of flanged section,2+1			
20	31.08.17	2	Shear strength and development length problems 2+1 each= 4+2=6			
21	01.09.17	3	General Specification for flexure design of beams-practical requirements			
22	04.09.17	4	General aspects of serviceability-Deflection limits in IS456			
23	05.09.17	5	Calculation of deflection (Theoretical method)			
24	06.09.17	6	calculation of deflections and crack width……continue			
25	07.09.17	1	Cracking in structural concrete			

			member			
26	08.09.17	2	Size of beam, cover to reinforcement- spacing of bars.			
27	09.09.17	3	Calculation of deflections and crack width			
28	11.09.17	4	Calculation of deflections and crack width			
29	12.09.17	5	Calculation of deflections and crack width			
30	13.09.17	6	Detailing concepts			
31	14.09.17	1	Size of beam, cover to reinforcement- spacing of bars.			
32	15.09.17	2	Design Procedure for critical section for moment and shear			
33	16.09.17	3	Anchorages of bars, Check for Development length,			
	18.09.17		**INTERNAL ASSESSMENT TEST – 1**			
	20.09.17		**INTERNAL ASSESSMENT TEST – 1**			
	21.09.17		**INTERNAL ASSESSMENT TEST – 1**			
34	22.09.17	4	Reinforcement Requirements, slenderness limit for beams to ensure lateral stability			
35	23.09.17	5	Design example for simply supported beam			
36	25.09.17	6	Design example for cantilever beam			
37	26.09.17	1	Design example for cantilever beam			
38	27.09.17	2	Design example for flanged section.			
39	19.09.17	1	Design example for flanged section.			
40	20.09.17	2	Design example for Rectangular			

			section.			
41	21.09.17	3	Design example for Rectangular section.			
42	22.09.17	4	Design example for Rectangular section.			
43	23.09.17	5	Introduction, General consideration of Design of slabs,			
44	24.09.17	6	Rectangular slab spanning in one direction			
45	26.09.17	1	Rectangular slab spanning in two directions			
46	27.09.17	2	Rectangular slab spanning in one direction with various boundary condition			
47	28.09.17	3	Design of simply supported beam (one way)			
48	03.10.17	4	Design of simply supported beam (one way)			
49	04.10.17	5	Design of simply supported beam (two way)			
50	06.10.17	6	Design of simply supported beam (two way)			
51	07.10.17	1	Design of cantilever beam			
52	09.10.17	2	Design of cantilever beam			
53	10.10.17	3	General aspects , Effective length of column			
54	11.10.17	4	load on columns, Slenderness ratio for column, Minimum eccentricity,			
55	12.10.17	5	Design of short axially loaded columns,			

56	13.10.17	6	Design of column subjected to combined axial load and uniaxial moment			
57	14.10.17	1	Rectangular slab spanning in one direction with various boundary condition			
58	16.10.17	2	Design of column subjected to combined axial load and uniaxial moment			
59	17.10.17	3	Design problems on columns			
60	23.10.17	4	Design problems on columns			
61	24.10.17	5	Design problems on columns			
62	25.10.17	6	Introduction, load for footing			
63	26.10.17	1	Design basis for limit state method			
64	27.10.17	2	Design of isolated rectangular footing for axial load			
65	28.10.17	3	Design of isolated rectangular footing for uniaxial moment			
66	30.10.17	4	Design of pedestal			
67	31.10.17	5	Design examples of footing			
68	02.11.17	6	Design examples of footing			
69	03.11.17	1	Design examples of footing			
70	04.11.17	2	Design examples of footing			
	06.11.17		**INTERNAL ASSESSMENT TEST – 2**			
	07.11.17		**INTERNAL ASSESSMENT TEST – 2**			
	08.11.17		**INTERNAL ASSESSMENT TEST – 2**			
71	09.11.17	3	Distribution of loading on stair			

			cases,			
72	10.11.17	4	Design of staircase problems			
73	11.11.17	5	Design of staircase problems			
74	13.11.17	6	Design of staircase problems			
75	14.11.17	1	Design of staircase problems			
76	15.11.17	2	Design of staircase problems			
77	16.11.17	3	Design of staircase problems			
	17.11.17		**IMPROVEMENT TEST**			
	18.11.17		**IMPROVEMENT TEST**			
	20.11.17		**IMPROVEMENT TEST**			

Syllabus for Sessionals:

Sessional #	Syllabus
T1	Class # 01 – 31
T2	Class # 32 - 62
T3	Class # 63 - 71

- Literature:

Book Type	**Code**	**Author & Title**	Publication info	
			Edition & Publisher	**ISBN #**
Text Book	TB1	Limit state design of reinforced concrete- P.C.Varghese	2nd edition, PHI learning private limited	978-81-203-2039-0
Text Book	TB2	Reinforced concrete design- Pillai&Menon	3rd edition, Tata McGraw-Hill	978-0-07-014110-0
References	RB1	Reinforced concrete design- S.N.Sinha	2nd edition, Tata McGraw-Hill	978-07-047332-4
References	RB2	Reinforced concrete structures- Dr.B.C.Punmia, Ashok.Kr.Jain&Arun Kr. Jain	Volume 1	-
Code	C1	IS 456:2000 and SP-16	Fourth revision	-

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CMR INSTITUTE

OF TECHNOLOGY

Session wise – Course Plan

Department of Civil Engineering.

SEMESTER :V A NAME OF THE FACULTY : Mr. Navanath M Prabha

BRANCH : CIVIL DATE OF COMMENCEMENT : 07.08.2017

SUBJECT : Analysis of indeterminate structures DATE OF CLOSING : 25.11.2017

SUBJECT CODE : 10CV53 CLASS STRENGTH : 49

NO OF HRS/WK : 6 TOTAL HRS : 65

Session No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter	Topics covered As per plan
1	**1/1**	07.08.2017	Introduction to subject: Pre-requisite class	Board, chalk, duster		
2	**2/1**	08.08.2017	**Module-I Slope Deflection Method** Introduction to slope deflection	,,		

			method of analysis, sign convention and derivation of slope deflection equations			
3	**3/1**	10.08.2017	Analysis of Continuous beams by slope deflection method	,,		
4	**4/1**	11.08.2017	Analysis of Continuous beams by slope deflection method	,,		
5	**5/1**	11.08.2017	Analysis of Continuous beams by slope deflection method	,,		
6	**6/1**	12.08.2017	Analysis of Continuous beams by slope deflection method	,,		
7	**7/1**	14.08.207	Analysis of Continuous beams by slope deflection method with sinking support	,,		
8	**8/1**	16.08.207	Analysis of Continuous beams by slope deflection method with sinking support	Board, chalk, duster		
9	**9/1**	18.08.2017	Analysis of Rigid Joint frame by slope deflection method	,,		
10	**10/1**	19.08.2017	Analysis of Rigid Joint frame by slope deflection method	,,		
11	**11/1**	19.08.2017	Analysis of Rigid Joint frame by slope deflection method	,,		
12	**12/1**	21.08.2017	Analysis of Rigid Joint frame(sway) by slope deflection method	,,	Assignment- I	
13	**13/1**	22.08.2017	Analysis of Rigid Joint frame(sway) by slope deflection method	,,		
14	**14/1**	23.08.2017	Analysis of Rigid Joint frame(sway) by slope deflection	,,		

			method			
15	**1/2**	28.08.2017	**Moment Distribution Method** Introduction, Explanation of distribution factor, carry over factor and development of moment distribution method	,,		
16	**1/2**	29.08.2017	Analysis of Continuous beams by moment distribution method			
17	**3/2**	30.08.207	Analysis of Continuous beams by moment distribution method	,,		
18	**4/2**	30.08.2017	Analysis of Continuous beams by moment distribution method	,,		
19	**5/2**	31.08.2017	Analysis of Continuous beams (settlement) by moment distribution method	,,		
20	**6/2**	01.09.2017	Analysis of Continuous beams (settlement) by moment distribution method	,,		
21	**7/2**	05.09.2017	Analysis of Continuous beams (settlement) by moment distribution method	,,		
22	**8/2**	06.09.2017	Analysis of Rigid Joint frame by moment distribution method	,,		
23	**9/2**	06.09.2017	Analysis of Rigid Joint frame by moment distribution method	,,		
24	**10/2**	07.09.2017	Analysis of Rigid Joint frame by moment distribution method	,,		
25	**11/2**	08.09.2017	Analysis of Rigid Joint frame (sway analysis) by moment distribution method	,,	Assignment –II	
26	**12/2**	12.09.2017	Analysis of Rigid Joint frame (sway analysis) by moment distribution method			

27	**13/2**	13.09.2017	Analysis of Rigid Joint frame (sway analysis) by moment distribution method	Board, chalk, duster		
28	**14/2**	13.09.2017	Analysis of Rigid Joint frame (sway analysis) by moment distribution method	,,		
29	**1/3**	14.09.2017	**Kani's Method** Introduction, Determination of Rotation factors.	,,		
30	**2/3**	15.09.2017	Analysis of continuous beam by Kani's Method	,,		
31	**3/3**	22.09.207	Analysis of continuous beam by Kani's Method	,,		
32	**4/3**	25.09.2017	Analysis of continuous beam by Kani's Method	,,		
33	**5/3**	26.09.2017	Analysis of continuous beam with support settlement by Kani's Method	,,		
34	**6/3**	26.09.2017	Analysis of continuous beam with support settlement by Kani's Method	,,		
35	**7/3**	27.09.2017	Analysis of continuous beam with support settlement by Kani's Method	,,		
36	**8/3**	28.09.2017	Analysis of Rigid joint Non Sway plain frames by Kani's Method	,,		
37	**9/3**	03.10.2017	Analysis of Rigid joint Non Sway plain frames by Kani's Method	,,		
38	**10/3**	06.10.2017	Analysis of Rigid joint Non Sway plain frames by Kani's Method	Board, chalk,		

				duster		
39	**11/3**	07.10.2017	Analysis of Rigid joint plain frames(sway) by Kani's Method	,,		
40	**12/3**	07.10.2017	Analysis of Rigid joint plain frames(sway) by Kani's Method	,,		
41	**13/3**	09.10.2017	Analysis of Rigid joint plain frames(sway) by Kani's Method	,,		
42	**14/3**	10.10.2017	Analysis of Rigid joint plain frames(sway) by Kani's Method	,,	Assignmn t –III	
43	**1/4**	11.10.2017	**Flexibility Matrix Method of Analysis** Introduction, Axis and coordinates of member joints	,,		
44	**2/4**	13.10.2017	Development of flexibility matrix for truss element	,,		
45	**3/4**	14.10.2017	Development of flexibility matrix for flexural member	,,		
46	**4/4**	14.10.2017	Analysis of continuous beam by flexibility matrix method	,,		
47	**5/4**	16.10.2017	Analysis of continuous beam by flexibility matrix method	,,		
48	**6/4**	17.10.2017	Analysis of continuous beam by flexibility matrix method	,,	Assignme nt –IV	
49	**7/4**	23.10.2017	Analysis of Rigid joint beams by flexibility matrix method	,,		
50	**8/4**	25.10.2017	Analysis of Rigid joint beams by flexibility matrix method	Board, chalk, duster		
51	**9/4**	26.10.2017	Analysis of Rigid joint beams by flexibility matrix method			

52	**10/4**	26.10.2017	Analysis of truss by flexibility matrix method			
53	**11/4**	27.10.2017	Analysis of truss by flexibility matrix method			
54	**12/4**	28.10.2017	Analysis of truss by flexibility matrix method			
55	**13/4**	30.10.2017	Analysis of truss by flexibility matrix method			
56	**1/5**	02.11.2017	**Stiffness Matrix method of Analysis** Introduction, Axis and coordinates of member joints	,,		
57	**2/5**	03.11.2017	Development of flexibility matrix for truss element	,,		
58	**3/5**	03.11.2017	Development of flexibility matrix for flexural member	,,		
59	**4/5**	04.11.2017	Analysis of continuous beam by stiffness matrix method	,,	Assignment –V	
60	**5/5**	09.11.2017	Analysis of continuous beam by stiffness matrix method	,,		
61	**6/5**	10.11.2017	Analysis of continuous beam by stiffness matrix method			
62	**7/5**	14.11.2017	Analysis of Rigid joint beams by Stiffness matrix method	,,		
63	**8/5**	15.11.2017	Analysis of Rigid joint beams by Stiffness matrix method Analysis of Rigid joint beams by Stiffness matrix method	,,		
64	**9/5**	15.11.2017	Analysis of truss by stiffness matrix method	,,		
65	**10/5**	16.11.2017	Analysis of truss by stiffness	,,		

			matrix method			

Signature of faculty Signature of HOD Signature of Principal

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CMR INSTITUTE
OF TECHNOLOGY

Session wise – Lesson Plan

Department of Civil Engineering	
SEMESTER : V	**NAME OF THE FACULTY : DIVYA VISWANATH**
BRANCH : CIVIL	**DATE OF COMMENCEMENT : 07.08.2017**
SUBJECT : APPLIED GEOTECHNICAL ENGG	**DATE OF CLOSING : 20.11.2017**

Class no.	DATE	DAY	Topics planned for the session	Teaching Aids	Assignments/	Topics covered
					Tests planned for the chapter	As per plan
1	07.08.17	1	Importance of exploration Program, Objectives and stages of exploration.			
2	08.08.17	2	Methods of exploration-Boring-Different methods of boring.			
3	09.08.17	3	Seismic refraction method of geophysical exploration, soil exploration report.			
4	10.08.17	4	Types of samples - undisturbed, disturbed and representative samples			
5	11.08.17	5	Samplers, sample disturbance, area ratio, Recovery ratio, clearance, related numerical problems.			
6	12.08.17	6	Control of ground water during excavation: Dewatering - Ditches and sumps, well point system			
7	14.08.17	1	Vacuum method, Electro- Osmosis method.			
8	16.08.17	2	Determination of ground water level by Hvorselev's method			

9	17.08.17	3	Stabilisation of boreholes - Typical bore log.			
10	18.08.17	4	Geostatic stresses- Vertical and horizontal stresses			
11	19.08.17	5	Boussinesq's theory for concentrated loads-derivation, Concluding points ,Draw backs, numerical problems.			
12	21.08.17	6	Isobar-construction, Pressure distribution diagrams			
13	22.08.17	1	Boussinesq's theory for circular loads-derivation, problems			
14	23.08.17	2	Vertical stress under rectangular loads and numerical problems.			
15	24.08.17	3	Newmark's chart –Construction applications & related numerical problems			
16	28.08.17	4	Westergaard's theories for concentrated, circular and rectangular loads.			
17	29.08.17	5	Comparison of Boussinesq's and Westergaard's analysis and contact pressure.			
18	30.08.17	6	Importance and Concept of Settlement Analysis			
19	30.08.17	1	Immediate Consolidation and Secondary settlements			
20	31.08.17	2	Computation using relevant formula for Normally Consolidated soils			
21	01.09.17	3	Numerical problems on settlements.			

22	04.09.17	4	LATERAL EARTH PRESSURE: Active and Passive earth pressures , Earth pressure at rest			
23	05.09.17	5	Variation of pressure. Rankine's Earth pressure theory-–assumptions and limitations.			
24	06.09.17	6	Rankine's Earth pressure for inclined backfill and cohesive soils.			
25	07.09.17	1	Related numerical problems.			
26	08.09.17	2	Rankine's Earth pressure for cohesionless soils and related numerical problems			
27	09.09.17	3	Related numerical problems, Coulomb's Earth pressure theory-– assumptions and limitations			
28	11.09.17	4	Graphical solutions for active earth pressure -Rebhann's methods			
29	12.09.17	5	Graphical solutions for active earth pressure– Culmann's methods			
30	13.09.17	6	Assumptions, finite and semi-infinite slopes.			
31	14.09.17	1	Factor of safety- Definition and Types.			
32	15.09.17	2	Taylor's stability number & use of Taylor's stability charts.			
33	16.09.17	3	Stability of finite slopes by Method of slices for Cohesive Soils, related problem.			
	18.09.17		**INTERNAL ASSESSMENT TEST – 1**			
	20.09.17		**INTERNAL ASSESSMENT TEST – 1**			
	21.09.17		**INTERNAL ASSESSMENT TEST – 1**			

34	22.09.17	4	Stability of finite slopes by Method of slices for C-Φ soils, related problem.			
35	23.09.17	5	Fellineous method for critical slip circle.			
36	25.09.17	6	Related numerical problems			
37	26.09.17	1	Related numerical problems			
38	27.09.17	2	Bearing Capacity- types of foundations.			
39	19.09.17	1	Definitions of ultimate, net and safe bearing capacities, Allowable bearing pressure.			
40	20.09.17	2	Terzaghi's bearing capacity equations -assumptions and limitations			
41	21.09.17	3	Numerical problems on bearing capacity			
42	22.09.17	4	Determination of bearing capacity using BIS-IS 6403, Related problems.			
43	23.09.17	5	Effect of ground water table on bearing capacity.			
44	24.09.17	6	Effect of eccentric loading on bearing capacity			
45	26.09.17	1	Numerical problems on effect of water table on bearing capacity			
46	27.09.17	2	Numerical problems on effect of water table on bearing capacity			
47	28.09.17	3	Field methods of evaluation of bearing capacity - Plate load test			
48	03.10.17	4	Standard penetration test			

49	04.10.17	5	Proportioning shallow foundations-isolated footing			
50	06.10.17	6	Proportioning shallow foundations-combined footing			
51	07.10.17	1	Proportioning shallow foundations-combined footing			
52	09.10.17	2	Numerical problems on proportioning.			
53	10.10.17	3	Numerical problems on proportioning.			
54	11.10.17	4	Types and classification of piles			
55	12.10.17	5	Single loaded pile capacity in cohesionless soils (static formula), numerical problems related.			
56	13.10.17	6	Numerical problems related			
57	14.10.17	1	Single loaded pile capacity in cohesive soils (static formula), numerical problems related.			
58	16.10.17	2	Numerical problems related			
59	17.10.17	3	Efficiency of pile group and problems related.			
60	23.10.17	4	Numerical problems related			
61	24.10.17	5	Numerical problems related			
62	25.10.17	6	Group action of piles in cohesionless soils and related problems			
63	26.10.17	1	Numerical problems related			
64	27.10.17	2	Group action of piles in cohesive soils and related problems			

65	28.10.17	3	Numerical problems related			
66	30.10.17	4	settlement of piles.			
67	31.10.17	5	Negative skin friction			
68	02.11.17	6	Pile load tests			
69	03.11.17	1	Pile load tests			
70	04.11.17	2	Under reamed piles-concepts.			
	06.11.17		**INTERNAL ASSESSMENT TEST – 2**			
	07.11.17		**INTERNAL ASSESSMENT TEST – 2**			
	08.11.17		**INTERNAL ASSESSMENT TEST – 2**			
71	09.11.17	3	Numerical problems on method of slices.			
72	10.11.17	4	Numerical problems on bearing capacity			
73	11.11.17	5	Numerical problems on lateral earth pressure			
74	13.11.17	6	Revision			
75	14.11.17	1	Revision			
76	15.11.17	2	Revision			
77	16.11.17	3	Revision			
	17.11.17		**IMPROVEMENT TEST**			
	18.11.17		**IMPROVEMENT TEST**			
	20.11.17		**IMPROVEMENT TEST**			

Syllabus for Sessionals:

Sessional #	Syllabus
T1	Class # 01 – 31
T2	Class # 32 - 53
T3	Class # 54 - 70

- Literature:

Book Type	Code	Author & Title	Publication info	
			Edition & Publisher	**ISBN #**
Text Book	TB1	Punmia B.C., Soil Mechanics and Foundation Engg	Laxmi Publications Co., New Delhi., 2005, 16th Edition.	81-7008-791-O
Text Book	TB2	Gopal Ranjan and Rao A.S.R., Basic and Applied Soil Mechanics	New Age International (P) Ltd., Newe Delhi, 2000.	978-81-224-1223-9
References	RB1	Bowles J.E., Foundation Analysis and Design	McGraw Hill Pub. Co. New York, 1996, 5th Edition	978-1-25-906103-5
References	RB2	T.W.Lambe and R.V.Whitman, Soil Mechanics	John Wiley & Sons	-

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CMR INSTITUTE

OF TECHNOLOGY

Session wise – Course Plan

Department of Civil Engineering.

SEMESTER : V A

BRANCH : CIVIL

SUBJECT : Railways,Harbour, Tunneling and Airports

SUBJECT CODE : 15CV552

NO OF HRS/WK : 6

NAME OF THE FACULTY : Ms. N. Soundarya

DATE OF COMMENCEMENT : 07.08.2017

DATE OF CLOSING : 25.11.2017

CLASS STRENGTH : 60

TOTAL HRS : 45

Session No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter	Topics covered As per plan
1	**1/1**	07.08.2017	Significance of Road, Rail, Air and Water transports	Chalk-Talk, Power point.		

2	**2/1**	08.08.2017	Coordination of all modes to achieve sustainability	,,		
3	**3/1**	09.08.2017	Elements of permanent way – Rails, Sleepers, Ballast, rail fixtures and fastenings	,,		
4	**4/1**	09.08.2017	coning of wheels, creep in rails,	,,		
5	**5/1**	11.08.2017	defects in rails	,,		
6	**6/1**	12.08.2017	Points and Crossings.	,,		
7	**7/1**	14.08.2017	Track Stress,	,,		
8	**8/1**	16.08.2017	Track Stress,	Chalk-Talk, Power point.		
9	**9/1**	17.08.2017	Route alignment surveys, conventional and modern methods	,,		
10	**10/1**	17.08.2017	Soil suitability analysis	,,		
11	**11/1**	19.08.2017	Geometric design of railways, gradient,	,,		
12	**12/1**	21.08.2017	super elevation, widening of gauge on curves	,,	Assignment- I	
13	**1/2**	22.08.2017	Earthwork	,,		
14	**1/2**	23.08.2017	Stabilization of track on poor soil, Calculation of Materials required for track laying	,,		
15	**3/2**	24.08.2017	Stabilization of track on poor soil, Calculation of Materials required for track laying	,,		
16	**4/2**	24.08.2017	Construction and maintenance of tracks			
17	**5/2**	29.08.2017	Modern methods of construction & maintenance	,,		
18	**6/2**	30.08.2017	Railway stations	,,		

19	**7/2**	02.09.2017	yards and passenger amenities	,,		
20	**8/2**	04.09.2017	Urban rail	,,		
21	**9/2**	04.09.2017	Infrastructure for Metro	,,		
22	**10/2**	06.09.2017	Mono and underground railways	,,		
23	**1/3**	07.09.2017	Definition of Basic Terms: Planning and Design of Harbours:	,,		
24	**2/3**	08.09.2017	Requirements, Classification, Location	,,		
25	**3/3**	09.09.2017	Design Principles	,,	Assignment –II	
26	**4/3**	11.09.2017	Design Principles			
27	**5/3**	11.09.2017	Design Principles	Chalk-Talk, Power point.		
28	**6/3**	13.09.2017	Design Principles	,,		
29	**7/3**	14.09.2017	Harbour Layout and Terminal Facilities	,,		
30	**8/3**	15.09.2017	Harbour Layout and Terminal Facilities	,,		
31	**9/3**	22.09.2017	Coastal Structures	,,		
32	**10/3**	23.09.2017	Inland Water Transport	,,		
33	**11/3**	23.09.2017	Wave action on Coastal Structures	,,		
34	**12/3**	26.09.2017	and Coastal Protection Works.	,,		
35	**1/4**	27.09.2017	Air transport characteristics, and	,,		

36	**2/4**	28.09.2017	airport classification,	Chalk-Talk,		
37	**3/4**	03.10.2017	air port planning: objectives,	Power point.		
38	**4/4**	04.10.2017	components, layout characteristics,	Chalk-Talk,		
39	**5/4**	04.10.2017	characteristics of the catchment area,	,,		
40	**6/4**	07.10.2017	socio-economic criteria for airport site selection	,,		
41	**7/4**	09.10.2017	socio-economic criteria for airport site selection	,,		
42	**8/4**	10.10.2017	socio-economic criteria for airport site selection	,,	Assignmn t –III	
43	**9/4**	11.10.2017	ICAO stipulations	,,		
44	**10/4**	12.10.2017	typical airport layouts,	,,		
45	**11/4**	14.10.2017	Parking and circulation area.	,,		
46	**1/5**	16.10.2017	Runway Design: Orientation,	,,		
47	**2/5**	17.10.2017	Wind Rose Diagram,	,,		
48	**3/5**	23.10.2017	Wind Rose Diagram,	,,	Assignme nt –IV	
49	**4/5**	24.10.2017	Wind Rose Diagram,	,,		
50	**5/5**	24.10.2017	Runway length	Chalk-Talk, Power point.		
51	**6/5**	26.10.2017	Problems on basic and Actual Length,			
52	**7/5**	27.10.2017	Problems on basic and Actual Length,			

53	**8/5**	28.10.2017	Geometric design of runways,			
54	**9/5**	30.10.2017	Geometric design of runways,			
55	**10/5**	31.10.2017	Configuration and Pavement Design Principles,			
56	**11/5**	31.10.2017	Elements of Taxiway Design, Airport Zones,	,,		
57	**12/5**	03.11.2017	Elements of Taxiway Design, Airport Zones,	,,		
58	**13/5**	04.11.2017	Elements of Taxiway Design, Airport Zones,	,,		
59	**14/5**	09.11.2017	Passenger Facilities and Services,	,,	Assignment –V	
60	**15/5**	10.11.2017	Runway and Taxiway Markings and lighting.	,,		
61	**16/5**	13.11.2017	Runway and Taxiway Markings and lighting.			
62	**17/5**	13.11.2017	Runway and Taxiway Markings and lighting.	,,		
63	**18/5**	15.11.2017	Runway and Taxiway Markings and lighting.	,,		
64	**19/5**	16.11.2017	Runway and Taxiway Markings and lighting.	,,		

Signature of faculty Signature of HOD Signature of Principal