

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2nd	3/09	N/C elements classification electrical charge and current electrical energy and potential	1	Class Room		
		Resistance parameters Series and parallel				
6/5	4/09	Inductance parameter Series and parallel combination	1	Class Room		
		Capacitance Series and parallel Combination, energy stores				
6/5	5/09	Elect- Nonideal dependent and independent sources	1	Class Room		
		Source transformation				
19/09	7/09	Kirch off laws	1	Class Room		
2nd	10/09	Mesh and Nodal analysis	1	Class Room		
6/5	11/09	problems based on Mesh analysis and nodal analysis	1	Class Room		
6/5	12/09	problems of Unit-1 and review	1	Class Room		
6th	13/11	AC fundamentals, and Nishorn topology with related time periods	2	C.R		
6th	14/11	Angular velocity, RMS value, Avg. value.	2	Class Room		
2nd	19/11	PF and phase factor problems Moving.	2	Class Room		
6th	20/11	Phase angle, phasor representation and	2	Class Room		
		Substitution of phasors, mathematical representation of sinusoidal quantities				
3rd	20/11	Principle of duality with examples.	2	Class Room		
6th	21/11	New topology definitions, branch, node, tree,	2	Class Room		
1st	22/11	planar, non-linear graph, incidence matrix, basic	2	Class Room		
		etc, for basic wls.				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1st	27/11	Steady State Analysis of AC circuits, Response	3	Class Room		
		to sinusoidal excitations	3	Class Room		
1st	28/11	pure Inductor and pure Capacitor.	3	Class Room		
2nd	28/11	Impedance concept, Phase angle, Series R-L	3	Class Room		
2nd	29/11	R-L, R-L-C circuit problems Complex impedance.	3	Class Room		
3rd	29/11	Phasor notation for R, L, C; R-L-C.	3	Class Room		
6th	29/11	problems involving mesh and nodal analysis	3	Class Room		
4th	29/11	Star-delta conversion problems involving	3	Class Room.		
2nd	3/12	Coupled circuits, self inductance, mutual	4	Class Room		
2nd	10/12	inductance, coefficient of coupling analysis	4	Class Room		
3rd	11/12	of coupled circuit, conductively coupled	4	Class Room		
1st	14/12	equivalent circuit. problems involving.	4	Class Room		
2nd	17/12	Resonance:- Introduction, Definition of Q, Series	4	Class Room		
6th	17/12	resonance Bandwidth of Series resonance, parallel	4	Class Room		
6th	17/12	resonance. Condition for Maximum Impedance	4	Class Room		
1st	21/12	current in anti resonance Bandwidth of parallel	4	Class Room		
2nd	21/12	resonance, general case - resistance present	4	Class Room		
		in both branches anti resonance at all	4	Class Room		
		frequencies.				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2nd	31/12	Network theorems Norton's, Thevenin's	5	Class Room		
6th	1/01	Millman's, Reciprocity	5	Class Room		
6th	2/01	Compensation, Substitution	5	Class Room		
1st	4/01	Superposition, Max power Transfer	5	Class Room		
2nd	4/01	Telegraph problems Finding using	5	Class Room		
2nd	7/01	dependent sources also				
6th	9/01	Two port Network :- Relationship of two	6	Class Room		
6th	9/01	port N/w & parameter Y-parameter				
1st	11/01	Transmission line parameter, h-para	6	Class Room		
2nd	11/01	-meter, Inverse Transmission line	6	Class Room		
		parameter, Relation ship b/w parameter				
		sets,				
1st	17/01	parallel connection of two port N/w, cascading	6	Class Room		
2nd	19/01	of two port N/w series connection of two				
		port N/w, problem solving methods				
		dependent sources also.				
2nd	21/01	Transients :- First order differential	7	Class Room		
		equations. Definition of time constant				
6th	22/01	R-L circuit, R-C circuit with DC excitation	7	Class Room		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
6 th	23/01	Evaluating initial conditions procedure	7	Class Room		
		Second order differential equations, homogeneous				
		and Non homogeneous problem finding using				
1 st	25/01	R-L elements with DC and AC excitation.	7	Class Room.		
2 nd	28/01	Response as related to s-plane location of roots. Solutions using Laplace transform method.	7	Class Room.		
2 nd	29/01		7	Class Room.		
1 st	1/02	Filters:- L.P.F., H.P.F. B.P.F.	8	Class Room.		
2 nd	11/02	Band elimination, All pass prototype filters design.	8	Class Room.		
2 nd	3/02					
6 th	9/02	M-derived filters of L-P and H.P. filters	8	Class Room		
con	12/02	Composite design of L-P and H.P. filter	8	Class Room.		

asking you was altered very less periods for 8th unit.
[Signature]
15/12/13