

LESSON PLAN

2014-2015, I Sem, III ECE-B, AWP

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	25/8/14	Introduction to Antennas	I	CL		
2	26/8/14	Radiation pattern	"	"		
3	27/8/14	1-wire, 2-wire dipole	"	"		
4	28/8/14	Beamwidth, B.A	"	"		
5	1/9/14	Radiation Intensity	"	"		
6	2/9/14	Gain, Gd, Gp, D	"	"		
7	3/9/14	Effective length, Ap, Eff	"	"		
8	4/9/14	Antenna impedance	"	"		
9	5/9/14	Retarded potentials	II	"		
10	8/9/14	Short electric dipole	"	"		
11	9/9/14	Evaluation of field	"	"		
12	10/9/14	Evaluation of field	"	"		
13	11/9/14	Components	"	"		
14	12/9/14	Evaluation of field	"	"		
15	15/9/14	Antenna-fed antenna	"	"		
16	16/9/14	Antenna theorems	"	"		
17	17/9/14	Loop antennas	"	"		
18	18/9/14	Loop antennas	"	"		
19	19/9/14	Different types of loop	"	"		
20	22/9/14	antennas magnetic dipole	"	"		

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21	23/9/14	David & relation	II	CL		
22	24/9/14	Problems on dipole	"	"		
23	25/9/14	Problems on loop antenna	"	"		
24	24/9/14	Introduction to Antenna arrays	III	"		
25	29/9/14	Broadside & end fire	"	"		
26	30/9/14	N-element broadside	"	"		
27	1/10/14	N-element end fire	"	"		
28	2/10/14	BPA with positive elements	"	"		
29	3/10/14	Directivity of N-element broadside	"	"		
30	6/10/14	Directivity of N-element end fire	"	"		
31	7/10/14	Causes & elimination of side lobes	"	"		
32	8/10/14	Problems on arrays	"	"		
33	9/10/14	Problems on arrays	"	"		
34	10/10/14	Travelling wave antennas	IV	"		
35	13/10/14	Long wire antenna	"	"		
36	14/10/14	V-antennas	"	"		
37	16/10/14	Rhombic and diamond antennas	"	"		
38	16/10/14	Rhombic antenna and its characteristics	"	"		
39	17/10/14	Helical antenna	"	"		
40	20/10/14	Properties of helical antenna	"	"		

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41	2/10/14	about a bird's eye	II	a		
42	2/10/14	Arrows with power	II	1		
43	2/10/14	Arrows with power	II	2		
44	27/10/14	Reflected dipole	II	3		
45	27/10/14	Reflected dipole	II	4		
46	28/10/14	Cones reflected	II	5		
47	28/10/14	Parabolic reflector	II	6		
48	29/10/14	Parabolic reflector	II	7		
49	30/10/14	Parabolic reflector	II	8		
50	31/10/14	Parabolic reflector	II	9		
51	1/11/14	Parabolic reflector	II	10		
52	1/11/14	Parabolic reflector	II	11		
53	5/11/14	Parabolic reflector	II	12		
54	6/11/14	Parabolic reflector	II	13		
55	7/11/14	Parabolic reflector	II	14		
56	10/11/14	Parabolic reflector	II	15		
57	11/11/14	Parabolic reflector	II	16		
58	12/11/14	Parabolic reflector	II	17		
59	13/11/14	Parabolic reflector	II	18		
60	14/11/14	Parabolic reflector	II	19		

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Period	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
61	17/11/14	Types of waveguide	III	a		
62	18/11/14	Ground wave propagation	III	1		
63	18/11/14	Ground wave propagation	III	2		
64	18/11/14	Ground wave propagation	III	3		
65	18/11/14	Ground wave propagation	III	4		
66	18/11/14	Ground wave propagation	III	5		
67	18/11/14	Ground wave propagation	III	6		
68	18/11/14	Ground wave propagation	III	7		
69	18/11/14	Ground wave propagation	III	8		
70	18/11/14	Ground wave propagation	III	9		
71	18/11/14	Ground wave propagation	III	10		
72	18/11/14	Ground wave propagation	III	11		
73	18/11/14	Ground wave propagation	III	12		
74	18/11/14	Ground wave propagation	III	13		
75	18/11/14	Ground wave propagation	III	14		
76	18/11/14	Ground wave propagation	III	15		
77	18/11/14	Ground wave propagation	III	16		
78	18/11/14	Ground wave propagation	III	17		
79	18/11/14	Ground wave propagation	III	18		
80	18/11/14	Ground wave propagation	III	19		