

2017-2018, III Year, I Sem, ECE-B, AWP

### LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	12/6/17	Unit-I Antenna fundamentals Introduction	I	CL		
2	13/6/17	Radiation Mechanism	"	"		
3	14/6/17	Antenna parameters	"	"		
4	15/6/17	Antenna parameters	"	"		
5	16/6/17	Retarded potentials	"	"		
6	17/6/17	Small current element	"	"		
7	18/6/17	Current distribution of linear dipoles	"	"		
8	19/6/17	Monopole & Half-wave dipole	"	"		
9	20/6/17	Current distribution of half-wave dipole	"	"		
10	21/6/17	Radiation pattern	"	"		
11	22/6/17	Antenna theorems	"	"		
12	23/6/17	Loop antennas	"	"		
13	24/6/17	Field patterns	"	"		
14	25/6/17	Current distribution	"	"		
15	26/6/17	Short electric dipole	"	"		
16	27/6/17	Short magnetic dipole	"	"		
17	28/6/17	Assignment-1	"	"		
18	29/6/17	problems on half wave dipole	"	"		
19	30/6/17	problems on loop antenna	"	"		
20	1/7/17	problems on power and radiation	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	2/7/17	Unit-II Two element arrays	II	CL		
22	3/7/17	Different cases	"	"		
23	4/7/17	Field patterns	"	"		
24	5/7/17	Current distribution	"	"		
25	6/7/17	Pattern multiplication	"	"		
26	7/7/17	Broadside array	"	"		
27	8/7/17	End fire array	"	"		
28	9/7/17	GPP with driven reflectors	"	"		
29	10/7/17	Scanning array	"	"		
30	11/7/17	Binomial array	"	"		
31	12/7/17	problems, Assignment II	"	"		
32	13/7/17	Unit-III Reciprocity & Non-Reciprocal radiation	III	"		
33	14/7/17	Traveling wave antenna	"	"		
34	15/7/17	Longwire antenna	"	"		
35	16/7/17	Field patterns	"	"		
36	17/7/17	Field patterns	"	"		
37	18/7/17	V-antenna	"	"		
38	19/7/17	Rhombic antenna	"	"		
39	20/7/17	Helical antenna	"	"		
40	21/7/17	Assignment-3	"	"		

2017-2018, II Year I Sem, BCB-B, AWP

## LESSON PLAN

2017-2018, 1<sup>st</sup> year I sem, ECE-15, AWP

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
41	25/8/17	Unit IV VHP, UHP & antennas	IV	CR		
42	26/8/17	Yagi-Uda antenna	"	"		
43	5/9/17	folded dipole antenna	"	"		
44	7/9/17	Cornu reflector antenna	"	"		
45	8/9/17	parabolic reflector antenna	"	"		
46	9/9/17	Types of feeds	"	"		
47	12/9/17	Horn antenna	"	"		
48	14/9/17	lens antenna	"	"		
49	15/9/17	Jakes measure	"	"		
50	16/9/17	Debye measure	"	"		
51	19/9/17	Power measure and Resonant-T	"	"		
52	21/9/17	Unit V Wave propagation	V	"		
53	22/9/17	Ground wave propagation	"	"		
54	23/9/17	Wave Kit, flat & half earth, Cor	"	"		
55	26/9/17	Surface wave propagation	"	"		
56	28/9/17	Ionospheric layer abnormalities	"	"		
57	29/9/17	Free space equals	"	"		
58	30/9/17	Space wave propagation	"	"		
59	5/10/17	Effective earth medium	"	"		
60	5/10/17	Direct propagation and M-curve losses	"	"		

## LESSON PLAN

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