

2015-2016, III ECE-A, I Semester, AWP

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	22/7/15	Introduction	I	CR		
2	23/7/15	Radiation Mechanism	"	"		
3	23/7/15	Antenna parameters	"	"		
4	24/7/15	Antenna parameters	"	"		
5	29/7/15	Antenna parameters	"	"		
6	30/7/15	Isolated potentials	"	"		
7	30/7/15	Small current element	"	"		
8	31/7/15	Small current element	"	"		
9	5/8/15	Half wave dipole	"	"		
10	6/8/15	Half wave dipole	"	"		
11	6/8/15	Antenna theories	"	"		
12	7/8/15	Antenna theories	"	"		
13	12/8/15	Loop Antennas	"	"		
14	13/8/15	Loop Antennas	"	"		
15	13/8/15	Short dipole	"	"		
16	14/8/15	Short magnetic dipole	"	"		
17	19/8/15	Different arrays	II	"		
18	20/8/15	pattern multiplication	"	"		
19	20/8/15	N-element Broadside array	"	"		
20	21/8/15	2-element end-fire array	"	"		

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21	2/9/15	N-element Broadside array	II	CR		
22	3/9/15	N-element end-fire array	"	"		
23	3/9/15	EPA with purposeful directivity	"	"		
24	4/9/15	Scanning & Rhombic arrays	"	"		
25	9/9/15	Effects of uniform and non-uniform problems on arrays	"	"		
26	10/9/15	problems on arrays	"	"		
27	10/9/15	Introduction to Resonant & Non-resonant	III	"		
28	11/9/15	Traveling wave radiators	"	"		
29	16/9/15	long wire antennas	"	"		
30	17/9/15	Rhombic antenna	"	"		
31	17/9/15	Rhombic antenna	"	"		
32	18/9/15	V-antenna	"	"		
33	23/9/15	Helical antenna	"	"		
34	24/9/15	Helical antenna	"	"		
35	24/9/15	Yagi-uda antenna	IV	"		
36	25/9/15	Folded-dipole	"	"		
37	2/10/15	Reflector antennas	"	"		
38	7/10/15	parabolic reflectors	"	"		
39	8/10/15	parabolic reflectors	"	"		
40	8/10/15	parabolic reflectors	"	"		

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41	9/10/15	Hot antenna	18	18		
42	14/10/15	Leve Antennas	"	"		
43	15/10/15	Antenna Measurements	"	"		
44	15/10/15	Antenna Measurements	"	"		
45	16/10/15	Ground wave propagation	2	"		
46	28/10/15	Ionosphere and its characteristics	"	"		
47	29/10/15	Virtual height	"	"		
48	29/10/15	Ionospheric absorption	"	"		
49	30/10/15	Poynting equation	"	"		
50	4/11/15	LOS and radio horizon	"	"		
51	5/11/15	radius of curvature of earth	"	"		
52	5/11/15	Effective earth radius	"	"		
53	6/11/15	m-curves & ray tracing	"	"		
54	11/11/15	topographic scatter	"	"		