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	Chalk & Board		
2	14/6	Radiation mechanism	"	"		
3	15/6	antenna parameters	"	"		
4	17/6	"	"	"		
5	19/6	retarded potentials	"	"		
6	21/6	radiation from Small electric dipole	"	"		
7	22/6	current distributions of electric dipole	"	"		
8	24/6	Fields and patterns of Electric dipole	"	"		
9	28/6	monopole & half wave dipole	"	"		
10	29/6	current distributions	"	"		
11	1/7	Field patterns	"	"		
12	10/7	radiation pattern	"	"		
13	12/7	Antenna theorems	"	"		
14	13/7	Loop antennas	"	"		
15	15/7	Field patterns	"	"		
16	17/7	current distributions	"	"		
17	19/7	short Electric dipole	"	"		
18	24/7	Short magnetic dipole	"	"		
19	26/7	Assignment-1	"	"		
20	27/7	Problems	"	"		

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21	29/7	unit-II Antenna Arrays Two Element Arrays	II	Chalk & board		
22	31/7	different cases	"	"		
23	2/8	Field patterns	"	"		
24	3/8	current distributions	"	"		
25	5/8	pattern multiplication	"	"		
26	7/8	Broad side array	"	"		
27	9/8	End fire array	"	"		
28	10/8	EFA Increased directivity	"	"		
29	12/8	Scanning Arrays	"	"		
30	14/8	Binomial Arrays	"	"		
31	16/8	problems, Assmnt-2	"	"		
32	17/8	UNIT-III Non-resonant Radiators: Introduction	III	"		
33	19/8	Travelling wave radiators	"	"		
34	21/8	long wire antenna	"	"		
35	23/8	Field Strength	"	"		
36	24/8	patterns	"	"		
37	26/8	V-antennas	"	"		
38	28/8	Rhombic anknnas	"	"		
39	4/9	helical antenna's properties	"	"		
40	6/9	AAS-3	"	"		

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41	7/9	UNIT-IV VHF, UHF & Microwave ankenas	IV	chalk & board		
42	9/9	Arrays with parasitic Elements, Yagi-Uda array	"	"		
43	11/9	Reflector ankennas	"	"		
44	13/9	Parabolic reflectors	"	"		
45	14/9	types of feeds	"	"		
46	16/9	horn ankennas	"	"		
47	18/9	Lens Antenna	"	"		
48	20/9	Antenna measurem ent set up	"	"		
49	21/9	Directivity measurement	"	"		
50	23/9	Power measurement	"	"		
51	25/9	Ass - 4	"	"		
52	27/9	Unit-V wave Propagation	V	"		
53	4/10	ground wave Propogation	"	"		
54	5/10	wave Hit, Flat, Spherical Earth consider ation	"	"		
55	7/10	Sky wave Propogation	"	"		
56	9/10	Tonospheric layers, abnormalities & absorption	"	"		
57	11/10	Fundamental Equation for LOS calculations	"	"		
58	Extra classes	Space wave Propogation LOS	"	"		
59	"	Radio horizon, Curvature of earth, effective radius	"	"		
60	"	M-curves, duct propogation Scattering, Ass-5	"	"		

Mrs. Gaila