

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1.	20.7.15	Introduction to Antennas	I	PB		
2.	22.7.15	Radiation mechanism	"	"		
3.	24.7.15	Antenna parameters	"	"		
4.	26.7.15	Antenna parameters	"	"		
5.	27.7.15	Antenna parameters	"	"		
6.	29.7.15	Retarded Potentials	"	"		
7.	31.7.15	Small current Element	"	PP		
8.	31.7.15	Small current Element	"	"		
9.	3.8.15	Half wave Dipole	"	"		
10.	5.8.15	Half wave Dipole	"	"		
11.	7.8.15	Antenna theorems	"	B.B		
12.	10.8.15	Antenna theorems	"	"		
13.	12.8.15	Loop Antennas	"	"		
14.	14.8.15	Loop Antennas	"	PP		
15.	14.8.15	Short dipole	"	"		
16.	17.8.15	Short magnetic dipole	"	B.B		
17.	19.8.15	Different Arrays	II	"		
18.	21.8.15	Pattern Multiplication	"	PP		
19.	21.8.15	2-Element Broad Side Array	"	"		
20.	24.8.15	2-Element Endfire array	"	"		

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21.	25.8.15	N. Element Broad side Array.	I	BB		
22.	2.9.15	N. Element End-fire Array	"	"		
23.	4.9.15	EFA with Increased directivity	"	"		
24.	4.9.15	Scanning & apertural Array.	"	"		
25.	7.9.15	Effects of Uniform & Non-uniform distribution (Capacitance)	"	"		
26.	9.9.15	Numerical Examples on arrays.	"	"		
27.	11.9.15	Introduction to resonant & Non-resonant	III	"		
28.	11.9.15	Travelling wave radiators	"	"		
29.	14.9.15	Long wire antennas	"	"		
30.	16.9.15	Rhombic antenna	"	"		
31.	18.9.15	Rhombic Antennae	"	"		
32.	18.9.15	V-antenna	"	"		
33.	21.9.15	Helical antenna	"	PDF		
34.	23.9.15	Helical antenna	"	"		
35.	25.9.15	Yagi-Uda Antenna	IV	BB		
36.	25.9.15	Folded-dipole Antenna	"	BB		
37.	28.9.15	Reflector Antennae.	"	"		
38.	30.9.15	Parabolic reflector	"	"		
39.	7.10.15	Parabolic reflector	"	"		
40.	9.10.15	Parabolic reflector	"	"		

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41.	9.10.15	Horn antennas	IV	B.D		
42.	12.10.15	Leak antennas	"	"		
43.	14.10.15	Antenna measurements	"	"		
44.	16.10.15	Antenna measurements	"	"		
45.	16.10.15	Ground wave propagation	V	"		
46.	20.10.15	Ionosphere and its characteristics	"	P.P		
47.	28.10.15	Virtual height	"	"		
48.	30.10.15	Ionospheric abnormalities	"	"		
49.	30.10.15	Fino similar	"	B.D		
50.	2.11.15	LOS & radio horizon	"	"		
51.	4.11.15	radius of curvature of Earth	"	"		
52.	6.11.15	Effective Earth's radius	"	"		
53.	6.11.15	M. waves & duct propagation	"	"		
54.	9.11.15	Tropospheric scattering	"	"		