

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	22/12/15	Introduction to Outcome Based Education (OBE)	I	Black Board & chalk		
2	23/12	Introduction to Communication System		"		
3	29/12	Need for modulation		"		
4	30/12	"		"		
5	31/12	Classification of modulation Schemes		"		
6	31/12	AM: Time domain description		"		
7	5/1/16	Frequency domain description		"		
8	6/1	Single tone & Multitone Power relations		"		
9	7/1	Problem Solving		"		
10	7/1	Generation: Square-law Modulation		"		
11	19/1	Detection: Square-law Envelope		"		
12	20/1	Revision		"		
13	21/1	DSBSC: Time domain & Freq. domain repres.	II	"		
14	21/1	Generation: Balanced Ring		"		
15	26/1	"		"		
16	27/1	Detection: Coherent detector		"		
17	28/1	COSTAS loop		"		
18	28/1	Revision		"		
19	2/2	SSB: Frequency domain description		"		
20	3/2	Frequency discrimination method		"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	4/2	Frequency discrimination method Contd.		Blackboard & chalk		
22	4/2	Time domain description		"		
23	9/2	Phase discrimination method		"		
24	10/2	Demodulation		"		
25	11/2	VSB, Comparison & Applications of AM system		"		
26	11/2	Angle Modulation: Basic concepts	III	"		
27	16/2	Single tone FM & PM		"		
28	17/2	Spectral analysis		"		
29	18/2	Difference b/w FM & PM		"		
30	18/2	NBFM & WBFM		"		
31	23/2	Average Power, Transmitted BW		"		
32	24/2	Generators: Direct		"		
33	25/2	Indirect Method		"		
34	25/2	Detectors: Balanced freq. discriminator		"		
35	1/3	Zero crossing detector PLL		"		
36	2/3	Contd.		"		
37	3/3	Comparison of FM & AM		"		
38	3/3	Revision		"		
39	8/3	Radio Transmitters: classification	IV	"		
40	9/3	AM Tx		"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
41	10/3	FM Tx: Phase modulation type		Blackboard & chalk		
42	10/3	variable Reactance type		"		
43	15/3	Freq. stability		"		
44	16/3	Radio Rx: classification TRF Rx		"		
45	17/3	Superheterodyne Rx		"		
46	17/3	"		"		
47	22/3	IF, Tuning		"		
48	23/3	AGC		"		
49	24/3	Commun. Rx: FM Rx		"		
50	24/3	Pulse Modulation Types	V	"		
51	29/3	PAM: Generation & Demodulation		"		
52	30/3	PWM: Generation & Demodulation		"		
53	31/3	PPM: Generation & Demodulation		"		
54	31/3	Noise: SNRs AM Rx model		"		
55	5/4	SNR for coherent reception		"		
56	6/4	Noise in AM Rx using envelope detector		"		
57	7/4	FM Rx model		"		
58	7/4	Pre-emphasis & De-emphasis		"		
59	12/4	Revision		"		
60	13/4	Revision		"		

Similar