

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	2/2/15	Introduction to communication system	U-I	BB (C&T)		
2	3/2/15	Need for modulation	11	"		
3	4/2/15	classification of modulation	11	"		
4	5/2/15	Time and frequency domain description	11	"		
5	9/2/15	single tone and multi-tone Am modulation	11	"		
6	10/2/15	power and current relations in Am	11	"		
7	11/2/15	Generation of Am waveform	11	"		
8	12/2/15	detection of Am waveforms	11	"		
9	16/2/15	Square law and envelope detectors	11	"		
10	18/2/15	DSB modulation: Time domain and Freq. domain	U-II	C&T		
11	19/2/15	Generation of DSB-SC	11	"		
12	23/2/15	coherent detection of DSB-SC	11	"		
13	24/2/15	COSTAS loop in DSB-SC	11	"		
14	25/2/15	SSB modulation: Freq. domain description	11	"		
15	26/2/15	Freq. description method for Am SSB modulation	11	"		
16	16/3/15	Time domain and phase domain for Gen. of Am	11	"		
17	17/3/15	Demodulation of SSB	11	"		
18	18/3/15	PSB modulation	11	"		
19	19/3/15	Angle modulation: basic concept	U-III	"		
20	23/3/15	single tone frequency modulation	11	"		

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21	24/3/15	Single tone phase modulation	C-III	C&T
22	25/3/15	Spectral analysis of Am & PM signals	11	"
23	26/3/15	difference b/w Am & PM narrow band signals	11	"
24	28/3/15	Average power concept and AWP of FM wave	11	"
25	31/3/15	Generation of FM & PM signals	11	"
26	1/4/15	Detection of FM waves, multiplexing	11	"
27	2/4/15	Comparisons of Am & PM techniques	11	"
28	6/4/15	Radio transmitters classifications	C-IV	C&T
29	7/4/15	Am transmitter	11	"
30	8/4/15	Feedback on performance of Am transmitter	11	"
31	9/4/15	Fm transmitter	11	"
32	13/4/15	Radio receivers: classifications	11	"
33	14/4/15	RF section and characteristics	11	"
34	15/4/15	Intermediate freq. and AGC	11	"
35	16/4/15	Fm Receiver	11	"
36	20/4/15	comparison between Am receiver & multiplexing	11	"
37	21/4/15	pulse modulation: concept	U-IV	C&T
38	22/4/15	Types of pulse modulation	11	"
39	23/4/15	PAM Generation	11	"
40	27/4/15	Demodulation of PAM	11	"

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41	28/4/15	Generation and demodulation of PWM	0-II	C & T
42	29/4/15	Generation and demodul- -ation of PPM	11	"
43	30/4/15	Noise in analog modulation	11	"
44	18/5/15	S/N concept for coherent reception	11	"
45	19/5/15	Noise in AM receiver using envelope detector	11	"
46	20/5/15	FM Receiver model	11	"
47	21/5/15	FM Threshold effect	11	"
48	28/5/15	Pre-emphasis and deemphasis	11	"