LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks
31	4/6	Photo detectors	II	PPT	
			II		
32	5/6	Noise in detectors.	II	BB	
		←		I MID →	
33	9/6	Fabrication of fiber optic cables	IV	PPT	
34	10/6	Installation - Placing the cable.	II	BB	
35	11/6	optical Communication System	II	II	
36	12/6	Block diagram	II	II	
37	16/6	Direct intensity Modulation	II	BB	
38	17/6	Digital communication systems	II	PPT	
39	18/6	Laser Semi conductor Transmitter	II	II	
40	19/6	Generation of	II	II	

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Correcti Upon
21	19/5	Photo detectors	III	PPT		
		Introduction				
22	20/5		11	PPT		
		Physical				
23	21/5	Principles	11	11		
		of				
24	22/5	Photodiodes	11	11		
25	26/5	Pin	11	11		
		Photo diode				
26	27/5		11	11		
27	28/5	Avalanche	11	11		
28	29/5	Photo diode	11	BB		
29	2/6		11	BB		
30	3/6	Comparision of	11	11		

			Unit No.	Teaching Methodology	Remarks
11	16/4	Optical Sources: Introduction	II	PPT	
12	17/4	LED's, structures	"	"	
13	21/4	Quantum efficiency	"	"	
14	22/4	Modulation capability	"	BB	
15	23/4	Laser diodes: Laser diodes	"	BB	
16	24/4	Threshold conditions	"	PPT	
17	24/4	External quantum efficiency Resonant frequencies	"	BB	
18	29/4	Laser diode structures & radiation patterns	"	"	
19	30/4	Temperature effects & Reliability	"	PPT	

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Co U
01	31/3/15	The evolution of fiber optic System	I	BB		
	1/4	elements of an optical fiber Transmission link				
02	1/4	Advantages of Optical fiber communication	"	BB		
03	3/4	Applications	"	"		
4	3/4	OF: structures	"	"		
5	7/4	wave guiding	"	"		
6	8/4	Nature of light	"	PPT		
7	9/4	Basic optical laws & definitions	"	"		
8	10/4	Optical fiber modes & Configurations	"	"		
9	14/4	Mode Theory of circular	"	BB		
10	15/4	waveguides.	"	"		