LESSON PLAN

Period	Date (Tentative)	UNIT-I Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	6/8/15	Introduction to signals and systems	1	Chalk & Duster		
2	7/8/15	classification of Signals	1	"		
3	10/8/15	classification of signals	1	"		
4	10/8/15	classification of systems	1	"		
5	13/8/15	classification of systems	1	"		
6	14/8/15	Analogy b/w vectors and signals	1	"		
7	17/8/15	orthogonality signal space	1	"		
8	17/8/15	signal approximation using orthogonal functions	1	"		
9	20/8/15	Mean square error	1	"		
10	21/8/15	closed or complete set of orthogonal functions	1	"		
11	24/8/15	orthogonality in complex functions	1	"		
12	24/8/15	exponential and sinusoidal signals	1	"		
13	27/8/15	exponential and sinusoidal signals	1	"		
14	28/8/15	elementary signals	1	"		
15	31/8/15	properties of elementary signals	1	"		
16	31/8/15	Basic operations on signals	1	"		
17	3/9/15	UNIT-II Representation of Fourier series	2	"		
18	4/9/15	continuous time periodic signals	2	"		
19	10/9/15	Properties of Fourier series	2	"		
20	11/9/15	Properties of Fourier series	2	"		

LESSON PLAN

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21	14/9/15	Dirichlet's conditions	2	Chalk & Duster		
22	14/9/15	Trigonometric fourier series	2	"		
23	17/9/15	exponential fourier series	2	"		
24	18/9/15	complex fourier spectrum problems on F.S	2	"		
25	21/9/15	Fourier Transform: Deriving FT from F.S	2	"		
26	21/9/15	FT of arbitrary signals	2	"		
27	24/9/15	FT of arbitrary signals	2	"		
28	25/9/15	F.T of standard signals	2	"		
29	28/9/15	Properties of fourier Transform	2	"		
30	28/9/15	Fourier Transform properties	2	"		
31	1/10/15	Fourier Transform of periodic signals	2	"		
32	2/10/15	problems on FT	2	"		
33	5/10/15	UNIT-III Representation of CT signals interms of impulses	3	"		
34	5/10/15	Linear time variant systems	3	"		
35	8/10/15	Linear time invariant systems	3	"		
36	9/10/15	Unit impulse response	3	"		
37	12/10/15	convolution integral representation of LTI system	3	"		
38	14/10/15	Transfer function of LTI systems	3	"		
39	15/10/15	filter characteristics of Linear systems	3	"		
40	16/10/15	Distortion less Tx through a system	3	"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
41	19/10/15	Distortion less BW and BWL ideal LPF, HPF	3	Chalk & Duster		
42	19/10/15	BPF characteristics Causality and Paley wiener Criterion for physical realization	3	"		
43	22/10/15	UNIT-IV Concept of correlation	4	"		
44	23/10/15	Concept of correlation in time domain	4	"		
45	24/10/15	Concept of convolution and correlation in frequency domain	4	"		
46	29/10/15	Concept of Convolution and correlation in freq domain	4	"		
47	30/10/15	Cross correlation	4	"		
48	2/11/15	auto correlation ESD & PSD	4	"		
49	2/11/15	Properties of correlation & related problems	4	"		
50	5/11/15	Sampling Theorem Impulse sampling	4	PPT		
51	6/11/15	natural & flat top Sampling	4	PPT		
52	9/11/15	Reconstruction of $S(t)$ from its samples	4	Chalk & Duster		
53	9/11/15	effect of under Sampling — Aliasing	4	"		
54	12/11/15	Problems on Nyquist rate and Nyquist interval	4	"		
55	13/11/15	UNIT-5 Review of LT	5	"		
56	16/11/15	LT of typical signals	5	"		
57	19/11/15	LT of typical signals	5	"		
58	20/11/15	Properties of LT	5	"		
59	23/11/15	Problems of LT	5	"		
60	23/11/15	Relation b/w LT and FT of a signal, ROC	5	"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
61	24/11/15	Constraints of Roc inverse LT	5	"		
62	24/11/15	inverse LT	5	"		
63	26/11/15	Introduction to Z-Transform	5	"		
64	27/11/15	Introduction to Z-Transform	5	"		30/11/15