

2013-2014, B.Tech, III - A, DSP - II Sem.

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	7/1/14	Introduction to DSP	I	CR		
2	7/1/14	Basic signals & systems	"	"		
3	10/1/14	Discrete time signals	"	"		
4	10/1/14	DTF and TV system	"	"		
5	11/1/14	Stable & causal system	"	"		
6	17/1/14	Problems on DTFT	"	"		
7	17/1/14	Discrete Constant FB	"	"		
8	18/1/14	Discrete Cont. DT	"	"		
9	21/1/14	Discrete Domain response of DT	"	"		
10	23/1/14	Discrete Domain of DT	"	"		
11	24/1/14	Introduction to DFS	II	"		
12	24/1/14	DFS of a periodic signal	"	"		
13	25/1/14	properties of DFS	"	"		
14	1/2/14	properties of DFS	"	"		
15	4/2/14	Discrete Convolution	"	"		
16	6/2/14	Computation of DFT	"	"		
17	7/2/14	Computation of DFT	"	"		
18	7/2/14	R/D, Z and DFS	"	"		
19	8/2/14	Advantages of FFT	III	"		
20	11/2/14	DIT-FFT radix 2	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	13/2/14	DIT PPT radix-2	III	CR		
22	14/2/14	DIF PPT radix-2	"	"		
23	14/2/14	DIF FFT radix-2	"	"		
24	15/2/14	Inverse FFT algo	"	"		
25	18/2/14	Review of Z-transform	IV	"		
26	20/2/14	Application of Z	"	"		
27	21/2/14	DE using Z-transform	"	"		
28	21/2/14	DE using Z-transform	"	"		
29	22/2/14	Basic structure of FIR	"	"		
30	26/2/14	Basic Structure of FIR	"	"		
31	27/2/14	Basic Structure of FIR	"	"		
32	28/2/14	System function	"	"		
33	28/2/14	Characteristics of FIR	V	"		
34	1/3/14	Discrete filter	"	"		
35	4/3/14	Design of FIR filter using window method	"	"		
36	6/3/14	Design of FIR filter using window method	"	"		
37	7/3/14	Design of FIR filter using window method	"	"		
38	7/3/14	Design of FIR filter using window method	"	"		
39	8/3/14	Comparison of FIR and IIR	"	"		
40	11/3/14	Problems on FIR	"	"		

