

2015-2016, III ECE-C, II semester, DSP

**LESSON PLAN**

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	5/1/16	Introduction to DSP	I	CR		
2	6/1/16	Different types of signals	"	"		
3	6/1/16	Mathematical operations	"	"		
4	8/1/16	Different types of systems	"	"		
5	9/1/16	Stability	"	"		
6	20/1/16	Linear Convolution	"	"		
7	20/1/16	Linear convolution	"	"		
8	22/1/16	problems on linear conv	"	"		
9	23/1/16	Precovery requir	"	"		
10	27/1/16	DPS properties	"	"		
11	29/1/16	DPS representation	"	"		
12	2/2/16	Computation of DFT	II	"		
13	3/2/16	Computation of DFT	"	"		
14	3/2/16	DFT properties	"	"		
15	5/2/16	DFT properties	"	"		
16	9/2/16	DFT properties	"	"		
17	10/2/16	Linear Convolution using DFT	"	"		
18	10/2/16	Circular Convolution using DFT	"	"		
19	12/2/16	PFT algorithm	"	"		
20	16/2/16	DFT-2 radix-2 algo	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	17/2/16	DFT-radix-2 algo	II	CR		
22	17/2/16	DFT radix-2 algo	"	"		
23	19/2/16	DFT radix-2 algo	"	"		
24	23/2/16	problems on PFT	"	"		
25	24/2/16	Z-transform paper	"	"		
26	24/2/16	Reverse Z-transf	"	"		
27	26/2/16	Relation b/w Z & PFT	"	"		
28	1/3/16	Introduction to filter	III	"		
29	2/3/16	difference comb	"	"		
30	2/3/16	structures of filter	"	"		
31	4/3/16	Direct form	"	"		
32	8/3/16	Cascaded form	"	"		
33	9/3/16	Case cascade form	"	"		
34	9/3/16	Parallel form	"	"		
35	11/3/16	Butterworth filter	"	"		
36	15/3/16	Chebyshev filter	"	"		
37	16/3/16	Allpass filter	"	"		
38	16/3/16	Impulse invariance	"	"		
39	18/3/16	Basic structures of PFT	IV	"		
40	22/3/16	Direct form	"	"		

