LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	17-11-2014	Intro to DSP, DFT	I	BB		
2	18-11	Properties of DFT, overlap add, save methods	I	BB		
3	19-11	Intro to FFT	I	BB		
4	21-11	DIT FFT	I	BB		
5	24-11	DIF FFT	I	BB		
6	25-11	Problems on FFT	I	BB		
7	26-11	Problems on FFT	I	BB		
8	28-11	Problems on FFT	I	BB		
9	01/12/14	Goertzel & chirp z-transform algorithm	I	BB		
10	02/12/14	Intro to IIR filters	II	BB		
11	03/12/14	Design of Butterworth filter	II	BB		
12	05/12/14	Problem on Butterworth design	II	BB		
13	08/12/14	Chebyshev approximation	II	BB		
14	09/12/14	Problems on Chebyshev	II	BB		
15	10/12/14	Freq Transformation techniques	II	BB		
16	12/12/14	Realization of IIR systems	II	BB		
17	15/12/14	Intro to FIR & fourier series method	III	BB		
18	16/12/14	Study the windowing techniques	III	BB		
19	17/12/14	Various Window techniques	III	BB		
20	19/12/14	design of digital filter bandpass	III	BB		

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21	22/12/14	Pade nff method	III	OD		
22	23/12/14	least square delay	III	BB		
23	24/12/14	Wiener filter method	III	BB		
24	26/12/14	problem on all methods	III	BB		
25	29/12/14	problem on all method	III	BB		
26	30/12/14	problem on all methods	III	BB		
27	31/12/14	Intro to all structures FIR	IV	BB		
28	02/01/15	Cascade structure	IV	BB		
29	19/01/15	Parallel structure	IV	BB		
30	20/01/15	lattice structure	IV	BB		
31	21/01/15	lattic ladder structure	IV	BB		
32	23/01/15	problem on all methods	IV	BB		
33	27/01/15	problem on all methods	IV	BB		
34	28/01/15	Intro to PSD	V	BB		
35	30/01/15	Estimations of spectra from finite duration object signals	V	BB		
36	02/02/15	Intro to non parametric methods	V	BB		
37	03/02/15	Bartlett, welch method	V	OD		
38	04/02/15	Blackmans They	V	BB		
39	05/02/15	Relation b/w Autocorr & modelparas	V	BB		
40	09/02/15	yule walker & burg methods	V	BB		

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41	10/02/11	MA & ARMA model	2	BB	
42	11/02/11	Prediction method	2	BB	
43	13/02/11	Analog of finite word length DSP system etc	3	BB	
44	16/02/11	Fixed floating point Arithmetic	3	BB	
45	17/02/11	ADC quantization noise	3	BB	
46	18/02/11	Signal Quality & Finite word length effect	3	BB	
47	20/02/11	effect of finite word length in IIR design	3	BB	
48	23/02/11	filter	3	BB	
49	24/02/11	finite word length	3	BB	
50	25/02/11	effect of in FFT algorithm	3	BB	
51	27/02/11	Revision of complete unit	3	BB	