Course wise TeachingPlan for Session : Summer 2019

Course : DIGITAL SIGNAL PROCESSING **Faculty : ankur.bobade@raisoni.net - ANKUR MOHAN BOBADE**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Basics of Matlab	04/12/2018	BECP307	B
1	2	Basics of Matlab	05/12/2018	BECP307	B
1	3	Basics of Matlab	06/12/2018	BECP307	B
1	1	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	11/12/2018	BECP307	B
1	2	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	12/12/2018	BECP307	B
1	3	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	13/12/2018	BECP307	B
1	4	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	18/12/2018	BECP307	B
1	5	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	19/12/2018	BECP307	B
1	6	1. Study of basic discrete time signals such as unit impulse, step, ramp, real and complex	20/12/2018	BECP307	B
1	7	2. Use of MATLAB functions to obtain linear convolution of discrete signals.	01/01/2019	BECP307	B
1	8	2. Use of MATLAB functions to obtain linear convolution of discrete signals.	02/01/2019	BECP307	B
1	9	2. Use of MATLAB functions to obtain linear convolution of discrete signals.	03/01/2019	BECP307	B
1	10	3. Implement the sampling theorem and aliasing effects by sampling & analog signal with various sampling frequencies.	08/01/2019	BECP307	B
1	11	3. Implement the sampling theorem and aliasing effects by sampling & analog signal with various sampling frequencies.	09/01/2019	BECP307	B
3	12	4. Write a program to find frequency response of given system.	15/01/2019	BECP307	B
3	13	4. Write a program to find frequency response of given system.	16/01/2019	BECP307	B

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Unit	Topic Code	Topic Covered	Date	Course	Section
1	14	3. Implement the sampling theorem and aliasing effects by sampling & analog signal with various sampling frequencies.	17/01/2019	BECP307	B
2	15	5. To find Z transform and inverse Z transform and pole zero plot of z domain Transfer function.	22/01/2019	BECP307	B
2	16	5. To find Z transform and inverse Z transform and pole zero plot of z domain Transfer function.	23/01/2019	BECP307	B
3	17	4. Write a program to find frequency response of given system.	24/01/2019	BECP307	B
5	18	6. Write a program to find DFT and FFT of given sequences.	29/01/2019	BECP307	B
5	19	6. Write a program to find DFT and FFT of given sequences.	30/01/2019	BECP307	B
2	20	5. To find Z transform and inverse Z transform and pole zero plot of z domain Transfer function.	31/01/2019	BECP307	B
4	21	7. Digital IIR filter design using MATLAB functions.	05/02/2019	BECP307	B
4	22	7. Digital IIR filter design using MATLAB functions.	06/02/2019	BECP307	B
5	23	6. Write a program to find DFT and FFT of given sequences.	07/02/2019	BECP307	B
4	24	8. Digital FIR filter using different windows, pass the filter coefficient via different windows and see the effect on the filter response.	12/02/2019	BECP307	B
4	25	8. Digital FIR filter using different windows, pass the filter coefficient via different windows and see the effect on the filter response.	13/02/2019	BECP307	B
4	26	7. Digital IIR filter design using MATLAB functions.	14/02/2019	BECP307	B
6	27	9. Write a program to find circular convolution of given sequences.	26/02/2019	BECP307	B
6	28	9. Write a program to find circular convolution of given sequences.	27/02/2019	BECP307	B
4	29	8. Digital FIR filter using different windows, pass the filter coefficient via different windows and see the effect on the filter response.	28/02/2019	BECP307	B

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Unit	Topic Code	Topic Covered	Date	Course	Section
5	30	10. Design Butterworth filter using bilinear transformation method for LPF and write a program to draw the frequency response of the filter.	05/03/2019	BECP307	B
5	31	10. Design Butterworth filter using bilinear transformation method for LPF and write a program to draw the frequency response of the filter.	06/03/2019	BECP307	B
6	32	9. Write a program to find circular convolution of given sequences.	07/03/2019	BECP307	B
5	33	10. Design Butterworth filter using bilinear transformation method for LPF and write a program to draw the frequency response of the filter.	14/03/2019	BECP307	B
6	34	Remaining backlog experiment conduction, Index & Certificate signing	19/03/2019	BECP307	B
6	35	Remaining backlog experiment conduction, Index & Certificate signing	20/03/2019	BECP307	B
6	36	Remaining backlog experiment conduction, Index & Certificate signing	28/03/2019	BECP307	B