

Theory Online Classes Details of April Month

S.No.	Year/ Sem	Subject	Date of Lecture & Class timings	Topic	App Used	Link (if any Resources)
1	III-II (ECE-C)	Digital Signal Processing	04-04-2020 & 03:20 PM-04:15 PM	Structures for FIR systems	Zoom Meeting	
2	III-II (ECE-C)	Digital Signal Processing	06-04-2020 & 10:50 AM- 11:45 AM	Direct form, Cascade form, Frequency sampling methods	Zoom Meeting	
3	III-II (ECE-C)	Digital Signal Processing	07-04-2020 & 08:40 AM- 09:35 AM	Lattice structure methods	Zoom Meeting	
4	III-II (ECE-C)	Digital Signal Processing	09-04-2020 & 01:20 PM- 02:15 PM	Structures for IIR systems	Zoom Meeting	
5	III-II (ECE-C)	Digital Signal Processing	09-04-2020 & 02:15 PM- 03:10 PM	Direct form, Signal flow graphs	Zoom Meeting	
6	III-II (ECE-C)	Digital Signal Processing	13-4-2020 & 10:50 AM- 11:45 AM	Problems on direct form structures	Zoom Meeting	
7	III-II (ECE-C)	Digital Signal Processing	16-4-2020 & 01:20 PM- 02:15 PM	Transposed, Cascade form	Cisco Webex	
8	III-II (ECE-C)	Digital Signal Processing	16-4-2020 & 02:15 PM- 03:10 PM	Problems on cascade form structures	Cisco Webex	
9	III-II (ECE-C)	Digital Signal Processing	20-04-2020 & 10:50 AM-11:45 AM	Parallel form and Lattice structures	Cisco Webex	
10	III-II (ECE-C)	Digital Signal Processing	21-04-2020 & 08:40 AM-09:35 AM	Conversion from Lattice structure to direct form	Cisco Webex	
11	III-II (ECE-C)	Digital Signal Processing	23-04-2020 & 01:20 PM-02:15 PM	lattice –Ladder structure	Cisco Webex	
12	III-II (ECE-C)	Digital Signal Processing	23-04-2020 & 02:15 PM-03:10 PM	Two stage lattice –Ladder structure	Cisco Webex	
13	III-II (ECE-C)	Digital Signal Processing	27-04-2020 & 10:50 AM-11:45 AM	General considerations – Causality and its implications,	Cisco Webex	
14	III-II (ECE-C)	Digital Signal Processing	28-04-2020 & 08:40 AM-09:35 AM	Characteristics of practical Frequency Selective Filters,	Cisco Webex	
15	III-II (ECE-C)	Digital Signal Processing	30-04-2020 & 01:20 PM-02:15 PM	Design of Finite Impulse Response (FIR) filters	Cisco Webex	
16	III-II (ECE-C)	Digital Signal Processing	30-04-2020 & 02:15 PM-03:10 PM	– Symmetric and asymmetric FIR filters, ,	Cisco Webex	

Theory Online Classes Details of May Month

S.No.	Year/ Sem	Subject	Date of Lecture & Class timings	Topic	App Used	Link
1	III-II (ECE-C)	Digital Signal Processing	04-05-2020 & 09:30 A.M - 10:30 A.M	Design of linear phase FIR filters by the frequency sampling method,	Cisco Webex	
2	III-II (ECE-C)	Digital Signal Processing	05-05-2020 & 11:50 A.M - 12:50 A.M	Design of optimum equi-ripple linear phase FIR filters,	Cisco Webex	
3	III-II (ECE-C)	Digital Signal Processing	06-05-2020 & 11:50 A.M -12:50 A.M	Comparison of design methods for linear phase FIR filters,	Cisco Webex	
4	III-II (ECE-C)	Digital Signal Processing	07-05-2020 & 10:50 A.M - 11:50 A.M	Design of Impulse Invariance Response (IIR) filters from analog filters	Cisco Webex	
5	III-II (ECE-C)	Digital Signal Processing	11-05-2020 & 09:30 A.M -10:30 A.M	IIR filter design by approximation of derivatives, by Impulse invariance,	Cisco Webex	
6	III-II (ECE-C)	Digital Signal Processing	13-05-2020 & 11:50 A.M - 12:50 A.M	Characteristics of commonly used analog filters, Design examples of both FIR and IIR filters	Cisco Webex	
7	III-II (ECE-C)	Digital Signal Processing	14-05-2020 & 10:50 A.M - 11:5 A.M	Decimation, and interpolation	Cisco Webex	
8	III-II (ECE-C)	Digital Signal Processing	18-05-2020 & 09:30 A.M -10:30 A.M	sampling rate conversion by a rational factor	Cisco Webex	
9	III-II (ECE-C)	Digital Signal Processing	20-05-2020 & 11:50 A.M - 12:50 A.M	Implementation of sampling rate conversion	Cisco Webex	
10	III-II (ECE-C)	Digital Signal Processing	21-05-2020 & 10:50 A.M - 11:50 A.M	Multistage sampling rate conversion	Cisco Webex	
11	III-II (ECE-C)	Digital Signal Processing	26-05-2020 & 11:50 A.M - 12:50 A.M	Sampling rate conversion of band pass signals	Cisco Webex	
12	III-II (ECE-C)	Digital Signal Processing	27-05-2020 & 11:50 A.M - 12:50 A.M	Sampling rate conversion by arbitrary factor	Cisco Webex	
13	III-II (ECE-C)	Digital Signal Processing	28-05-2020 10:50 A.M - 11:50 A.M	Applications of multirate signal processing.	Cisco Webex	