

# Course: Signals and Systems

**Course Code:** noc20-ee06

**Session:** 2019-20

**Duration:** 12 Weeks

**Assessment procedures:** Weekly Assignment (25%) + proctored certification Exam (75%)

## Curriculum of the Course:

**Week 1:** Mathematical Preliminaries

**Week 2:** Types of Signals and Transformations

**Week 3:** Fourier Transform of Continuous-Time Signals

**Week 4:** Properties of Fourier Transforms

**Week 5:** LTI Systems

**Week 6:** Convolution and LTI System Properties

**Week 7:** Laplace Transform

**Week 8:** Laplace Transform Properties

**Week 9:** Fourier Series of Continuous-Time Periodic Signals and Properties

**Week 10:** Discrete-Time LTI Systems and Sampling

**Week 11:** Discrete-Time Fourier Transform (DTFT)

**Week 12:** Z-Transform

## List of students enrolled

S. No	Name of Students		
1	Ishan Menghani	20	Bharat Kumar
2	Vishnu Gupta	21	Akshay
3	Akash Yadav	22	Chetan Jangid
4	Abhishek Kumar Sarang	23	Chetan Prajapat
5	Aditya Gaur	24	Pradhum Malhotra
6	Akshit Jain	25	Yash Kumar Sen
7	Amit Soni	26	Devendra Sharma
8	Anil	27	Dishant Doriya
9	Ankit Jonwal	28	Dev Gupta
10	Ankush Joshi	29	Drishti Jain
11	Anshul Maurya	30	Bhoomika Dubey
12	Anuj Saini	31	Gari13
13	Anurag Singh Chauhan	32	Himanshu Goyal
14	Archit Jain	33	Kapil Gupta
15	Ashveen Dasaya	34	Bhagchand Gurjar
16	Ayush Choudhary	35	Harsh Dixit
17	Ayush Pawar	36	Harshit Singh
18	Ayush Singh Rathore	37	Himanshu Vijay
19	Bharat Khandelwal	38	Hrithik Khangarot
		39	Hukam Chand Gwala

40	Divyanshu
41	Ipsit Samariya
42	Ishan Gupta
43	Ishika Agrawal
44	Ishita Vaid
45	Aarambh Jangir
46	Jitendra Agrawal
47	Jasmine Bhatti
48	Aviral Jain
49	Jyoti Sharma
50	Karishma Tomar
51	Khagendra Singh Naruka
52	Mayank Khandelwal
53	Rakshit Khandelwal
54	Gaurav Kumar Khandelwal
55	Harshit Kumawat
56	Yash Verma
57	Kushal Maheshwari
58	Lalit Meena
59	Manali Sharma
60	Manju Choudhary
61	Monika Jareda
62	Meenakshi Meena
63	Manish Kumar Saini
64	Mohit Agrawal
65	Pushpendra Meena

66	Praveen Kumar
67	Paras Sharma
68	Prashu Jain
69	Prince Meena
70	Ratan Soni
71	Amisha Jain
72	Lakshit Sharma
73	Saloni Sharma
74	Adarsh Sharma
75	Himanshu Sharma
76	Shubham Naryani
77	Amit Yadav
78	Ajay Meena
79	Shubham Prajapati
80	Suarj Choudhary
81	Shraddha Tiwari
82	Poorvaja Verma
83	Umesh Udai
84	Unnati Kumawat
85	Vishal Singh
86	Vibhu Mathur
87	Vishal Dhakad
88	Vishal Kumar Mahar
89	Shivam Sharma
90	Vyom Sharma
91	Yaduveer Chaudhary