

# **Course: Analog Communication – Online**

**Course Code:** noc19-ee46

**Session:** 2019-20

**Duration:** 12 Week

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

## **Curriculum of the Course:**

Week 1:

- Introduction to Fourier Series and Fourier Transform

Week 2:

- Energy and Energy and Power Spectral Densities

Week 3 :

- Modulation Theory

Week 4 :

- Amplitude Modulation – AM and DSB-SC

Week 5 :

- SSB-SC and VSB

Week 6 :

- Angle Modulation – FM, PM

Week 7 :

- Sampling Theorem

Week 8 :

- Pulse Modulation and PCM

Week 9 :

- Introduction to Random Process

Week 10 :

- Spectral Analysis of Random Process

Week 11 :

- Characteristics of Band-pass noise

Week 12 :

- Performance Analysis of AM,
- DSB-SC with Noise

### List of students enrolled

S. No	Name of Student
1	Akshaya kumar Arya
2	Anjali mukherji
3	Anurag Singh chauhan
4	Chetan Prajapat
5	Dev Gupta
6	Koustoobh Pareek
7	Monalisa
8	Praveen Kumar
9	rachit jain
10	Rahul Sakhrani
11	Ravi ram meena
12	rohit vaishnav
13	Ruchi Kumari
14	Sheikh Sohrab
15	Shubham jaiman
16	vijay
17	Yaman Sharma