

# **Course: Fundamentals of Electrical Engineering**

**Course Code:** noc20-ee68

**Session:** 2020-21

**Duration:** 12 Weeks

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

**Curriculum of the Course:**

**Week 1 : Basic Concepts and Basic Laws**

**Week 2 : Methods of Analysis**

**Week 3 : DC Network Theorems**

**Week 4 : Capacitors and Inductors and First Order Circuits**

**Week 5 : Sinusoidal and Phasors**

**Week 6 : Sinusoidal Steady-State Analysis**

**Week 7 : AC Circuit Analysis and Network Theorems**

**Week 8 : Series and Parallel Resonance and Magnetically Coupled Circuits.**

**Week 9 : Three Phase Circuits and Power Measurements**

**Week 10: Single Phase Transformers**

**Week 11: Three Phase Induction Machines**

**Week 12: DC Machines**

**List of students enrolled**

S.No	Student Name
1	VISHNU GUPTA
2	Abhishek Kumar Sarang
3	anveshika singh
4	Astha Gupta
5	Ayush pawar
6	BHAVESH SAXENA
7	Bhavya deep Sharma
8	Darshan Ranka
9	Devendra sharma
10	Deekshant tak
11	Drishti gupta
12	hemlata prajapat
13	MAYANK JINDAL

14	mukul jayswal
15	Jitendra Agrawal
16	Kaushal
17	jayant kumawat
18	Manju Choudhary
19	Ashok Meena
20	Manish kumawat
21	Mohit agrawal
22	Naisha gupta
23	Rupesh kumar yadav
24	Saurabh Meena
25	Shivam choubisa
26	Unnati kumawat