

Course: Digital Circuits - Online

Course Code: noc19-ee51

Session: 2019-20

Duration: 12 Weeks

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

Curriculum of the Course:

Week 1 : Introduction, Number System

Week 2 : Boolean Algebra

Week 3 : Combinational function minimization – K Map, Boolean identities

Week 4 : Logic Gates

Week 5 : Arithmetic circuits, Code converters

Week 6 : Multiplexers, Decoders, PLA

Week 7 : Sequential Circuits – Latches and Flip-flops

Week 8 : Counters, Shift Registers, Finite State Machines

Week 9 : Data Converters – Sample and hold circuits, ADCs, DACs

Week 10 : Semiconductor Memories – ROM, SRAM, DRAM

Week 11 : Microprocessor 8085 – Part I

Week 12 : Microprocessor 8085 – Part II

List of students enrolled

S. No	Name of Student
1	Swechha Pachar
2	Shivani Priyadarshani
3	Arnav Rajoria
4	Bhushan Ameta
5	Devang Agrawal
6	Divyansha Jain
7	Dusad Dusad
8	Faisal Khan
9	Hardee Verma
10	Virendra Singh Rathore
11	Pooja Jain
12	Kunal Kaushik
13	Kratika Agrawal
14	Mudit Kukreti
15	Manju Choudhary

16	Manish Kumar Saini
17	Nisha Jain
18	Praveen Kumar
19	Radhika Sodhani
20	Parikshit Rathore
21	Pradeep Rawat
22	Rounak Mathur
23	Yash Saxena
24	Deepak Sharma
25	Sangeeta Sharma
26	Himanshu Shekhar
27	Siddharth Rawat
28	Sabhyata Agarwal
29	Sonu Saini
30	Suraj Sharma
31	Sudhanshu Bhatnagar

32	Vaishnavi Sharma
33	Vibhu Mathur

34	Vidushi Pareek
35	Yatharth Varshney