

Course: Digital Circuits

Course Code: noc20-ee70

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	Mohit Agarwal
2	Vishnu Gupta
3	Aarush Goyal
4	Anjali Sharma
5	Abhinav Mishra
6	Adish Jain
7	Aditya Garg
8	Rakshita Agarwal
9	Akshita Sopra
10	Amit Singh
11	Ankit Saini
12	Anshika Khandelwal
13	Ansh Khandelwal
14	Archit Bajpai

15	Arihant Jain
16	Arzoo Jalendra
17	Brij Kishore Sharma
18	Divyanshu Pareek
19	Gaurav Kumar
20	Jaiveer
21	Harsh Vardhan
22	Hemant Dadhich
23	Pooja Jangid
24	Jay Shrivastava
25	Kanika Singhal
26	Kartik Dusad
27	Rashi Kinra
28	Kusum Sharma
29	Ankur Sharma

30	Malika Khandelwal
31	Manisha Balani
32	Manju Choudhary
33	Manoj Garg
34	Manoviraj Singh Shekhawat
35	Mansi Sharma
36	Mehak Jain
37	Mohit Kumawat
38	Moin Ali
39	Mudit Dhingra
40	Neha Maheshwari
41	Nishant Kumar
42	Parul Jain
43	Prakhar Bhardwaj
44	Prakhar Jain
45	Prateek Tholiya
46	Priyanshu Lohar
47	Priyanshusharma_1607
48	Raghav Agarwal
49	Rahul Kumar Balai

50	Rashi Sharma
51	Raghvendra Singh
52	Rhythm Purohit
53	Ritrik Rohra
54	Roshan Kumar Jha
55	Arpit Jain
56	Sushil Kumar Sadhnani
57	Aman Saini
58	Saloni Chhaparwal
59	Sarthak Bhatia
60	Sangeeta Sharma
61	Shivam Choubisa
62	Shivansh Dosi
63	Shivam Kumar Gaur
64	Nikunj Sahu
65	Sudhanshu Bhatnagar
66	Vansh Agrawal
67	Vikas Mittal
68	Priyanka Jain