

Course: Discrete Mathematics

Course Code: noc20-cs82

Session: 2020-21

Duration: 12 Weeks

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

Curriculum of the Course:

Week 1: Counting

Week 2: Set Theory

Week 3: Logic

Week 4: Relations

Week 5: Functions

Week 6: Mathematical Induction and Pigeon hole Principle

Week 7: Graph Theory – 01

Week 8: Graph Theory – 02

Week 9: Graph Theory - 03 and Generating Functions

Week 10: Principle of Inclusion-Exclusion

Week 11: Recurrence relations

Week 12: Advanced Topics

List of students enrolled

S. No	Name of Student
1	Anshul Kumar Garg
2	Eshaan Chauhan
3	Krishnesh Khalaria
4	Nikhil Agarwal
5	Mohit Vijay
6	Naman Joshi
7	Naman Kumar Jain
8	Nikhil Kumawat

9	Priya Gocher
10	Roshan Kumar Jha
11	Sagar Alwani
12	Ashik Saini
13	Shruti Rawat
14	Shubham Soni
15	Suraj Shrivastava
16	Sachin Yadav
17	Tanmay Bhargava