

Course: Introduction to Civil Engineering Profession

Course Code: noc20-ce02

Session: 2019-20

Duration: 8 Weeks

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

Curriculum of the Course:

Week 1: What is Civil Engineering? Different disciplines of civil engineering. scope and prospects.

Heritage structures, architecture

Week 2: Environmental Engineering. Prevention of environmental impact. Pollution, waste and water

treatment

Week 3: Geotechnical Engineering. Soil mechanics and foundations. Hydraulics and water resources

Week 4: Construction Materials and Methods. Infrastructure Engineering. Sustainability.

Week 5: Structural Engineering. Analysis, design and modelling

Week 6: Highway Engineering. Traffic Engineering and Planning

Week 7: Automation and Robotics in Construction. Water Security.

Week 8: Novel areas. Career Prospects

List of students enrolled

1	Rohit Mehta
2	Aarif Majeed
3	Anveshika Singh
4	Diwakar Singh
5	Chandraprakash Saini
6	Rakesh Choudhary
7	Gaurav Mishra
8	Nishkarsh Goyal
9	Hemraj Meena
10	Himanshu Jareda
11	Kaushal Kumar
12	Lakshya Jaiswal
13	Mohd Mateen Joad
14	Nirbhay Meena

15	Rajesh Daya
16	Ramgopal Meena
17	Kashif Ahmed Rather
18	Ravi Kant Sahu
19	Rishabh
20	Rohit Khatri
21	Rupesh Kumar Yadav
22	Samyak Jain
23	Saurabh Meena
24	Shweta Taviyad
25	Rohit Banjara
26	Sandeep Verma
27	Himanshu Meena
28	Vinay Sharma