

Course: Fundamentals of Convective Heat Transfer

Course Code: noc20-me81

Session: 2019-20

Duration: 12 Weeks

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

Curriculum of the Course:

Week 1: Introduction

Week 2: Preliminary Concept

Week 3: Convective heat transfer in external flows - I

Week 4: Convective heat transfer in external flows - II

Week 5: Convective heat transfer in internal flows - I

Week 6: Convective heat transfer in internal flows - II

Week 7: Convective heat transfer in internal flows - III

Week 8: External natural convection

Week 9: Internal natural convection

Week 10: Numerical solution of Navier-Stokes and energy equation

Week 11: Turbulent flow and heat transfer

Week 12: Boiling and condensation

List of students enrolled

S.No.	Name of Student
1	Anshul Sharma
2	Asit Jain
3	Avinash Singh
4	Ayush Khandelwal
5	Bhaskar Mathur
6	Nikhil Bhatia
7	Chirag Patni
8	Aditya Z Gupta
9	Jatin Dhyawana
10	Karan Chawda
11	Luckey Sharma
12	Naitik Popli
13	Naveen Pareek
14	Prakhar Bhardwaj

15	Puneet Kumawat
16	Rajat Saini
17	Rajkumar Gangwar
18	Rhythm Purohit
19	Rishabh Shrivastava
20	Roshan Nama
21	Saksham Jain
22	Samardeep Singh Chopra
23	Sarthak Agarwal
24	Yogendra Singh
25	Satendra Singh
26	Kishlay Thakur
27	Akshay Verma
28	Vikas Kumar Tank
29	Yagyesh Sharma