

Course: Principles of Casting Technology

Course Code: noc20-me35

Session: 2019-20

Duration: 8 Weeks

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

Curriculum of the Course:

Week 1: Introduction to Casting technology, Solidification analysis for metals and alloys
Week 2: Technology of patternmaking, study of molding sands and their testing methods
Week 3: Technology of mouldmaking and coremaking, Special sand moulding processes
Week 4: Principles of gating design for castings

Week 5: Principles of risering design for castings

Week 6: Special casting methods, Melting furnaces

Week 7: Melting and pouring practices for production of Cast Iron family, steel and non-ferrous metals and alloys

Week 8: Fettling and Heat treatment of castings, Casting defect and its diagnostic methods

List of students enrolled

S. No	Name
1	Abhishek Ajmera
2	Abhishek Gupta
3	Abhishek Sharma
4	Aadil Khan
5	Ajay Kumar Buri
6	Akash Kumar Pandey
7	Aman Kumar Gupta
8	Aman Jhajharia
9	Aman Sharma
10	Amartya Pareek
11	Aniket Arya
12	Anshul Sharma
13	Arnav Pareek
14	Arpit Khandelwal
15	Asit Jain
16	Avinash Singh
17	Beniram Kumawat
18	Bhanu Mudgal
19	Bhaskar Mathur

20	Bharat Sharma
21	Chetanya Jangir
22	Chitesh Garg
23	Mohammed Danish
24	Deepak Verma
25	Divik Mathur
26	Dileep Menaria
27	Gaurav Hada
28	Gunjan Khandelwal
29	Aditya Z Gupta
30	Rajat Gagar
31	Harsh Upadhyay
32	Himanshu Kushwah
33	Himanshu Gothwal
34	Atul Jain
35	Jay Kumar Sharma
36	Jatin Dhyawana
37	Juber Khan
38	Pradeep Jangid
39	Love Kumar
40	Mannat Mehta
41	Jatin Mehra
42	Mohit Kumar Meena
43	Mohit Tolani
44	Harsh Sharma
45	Prem Pal Kumawat
46	Priyansh Indoria
47	Puneet Kumawat
48	Rajan Sharma
49	Rajkumar Gangwar
50	Rishabh Shrivastava
51	Saksham Jain
52	Samardeep Singh Chopra
53	Sarthak Agarwal
54	Bhanu Prakash Singh
55	Jatin Sharma
56	Divyansh Soni
57	Sourabh Maharshi
58	Tanuj Sharma
59	Akshay Verma
60	Vikas Kumar Tank
61	Vikas Yadav