

Course: Concepts of Thermodynamics

Course Code: noc19-me13

Session: 2018-19

Duration: 12 Week

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

Curriculum of the Course:

Week 1:

- Fundamental definitions and concepts in thermodynamics

Week 2:

- Properties of pure substances

Week 3:

- Work and heat

Week 4 :

- First law of thermodynamics for closed systems

Week 5 :

- First law of thermodynamics for open systems – I

Week 6 :

- First law of thermodynamics for open systems – II

Week 7 :

- Second law of thermodynamics

Week 8 :

- Entropy transfer for closed systems

Week 9 :

- Entropy transfer for open systems

Week 10 :

- Irreversibility and energy

Week 11:

- Thermodynamic Cycles: Air Standard Cycles, Vapour Power Cycles

Week 12 :

- Thermodynamic Cycles: Vapour Power Cycles (contd), Refrigeration Cycles

List of students enrolled

S. No	Name of Student
1	AADITYA SOMANI
2	Khooshal Agarwal
3	Nitin Agarwal
4	Payoj Agrawal
5	Arpit Chechani
6	ASHUTOSH SHARMA
7	Balwinder
8	Bhavesk Kumawat
9	Chintan Mangal
10	Aditya Chouhan
11	Dipendra Singh Gour
12	Divyansh Sharma
13	Jitendra Kumar Bairwa
14	Himanshu Nehra
15	JAISINGHCHUNDAWAT
16	Jatin Gupta
17	Manan
18	Manish Kumar
19	Nimanshu Shrivastav
20	NISHANT DIWAKER
21	NISHANT TAILOR
22	NITIN J SWADIA
23	BHANU ARYA
24	Nilesh Kumar Pandey
25	Parag Jain
26	PUSHPENDRA SINGH RATHORE
27	Manish Khandelwal
28	Sahil Singhal

29	Ayush Tak
30	Ankit Vyas
31	YOGESH MEENA