

**Schedule for EN 210: Thermo Fluid and Heat Transfer Laboratory (2023-24)**

Expt. No.	Expt. Name	Week 1 10.01.24	Week 2 17.01.24	Week 3 24.01.24	Week 4 31.01.24	Week 5 07.02.24	Week 6 14.02.24	Week 7 21.02.24		Week 8 06.03.24	Week 9 13.03.24	Week 10 20.03.24	Week 11 03.04.24	Week 12 10.04.24		
1	Determination of thermal conductivity of a composite wall	Instruction and demo of all the experimental setup	Gr. 1	Gr. 4	Gr. 3	Gr. 2			Mid Term Break					RESERVE DAY		
2	Determination of Stefan-Boltzmann's constant		Gr. 2	Gr. 1	Gr. 4	Gr. 3										
3	Convective heat transfer experiment		Gr. 3	Gr. 2	Gr. 1	Gr. 4										
4	Bernoulli's theorem proof		Gr. 4	Gr. 3	Gr. 2	Gr. 1										
5	Reynolds number determination						Gr. 1	Gr. 4			Gr. 3	Gr. 2				
6	Investigation of performance characteristics of 2-stage Air Compressor						Gr. 2	Gr. 1			Gr. 4	Gr. 3				
7	Boiling and condensation						Gr. 3	Gr. 2			Gr. 1	Gr. 4				
8	Hydraulic coefficient for an orifice						Gr. 4	Gr. 3			Gr. 2	Gr. 1				
9	Pitot Tube (Demo)												All Grp. Demo			
10	Vapour Compression Refrigeration Cycle (Demo)														All Grp. Demo	

Sl.No	Roll.No	Name	Group
1	220151001	Abheek Khamrui	Gr.1
2	220151002	Abhinav Sharma	
3	220151003	Amulya Chepyala	
4	220151005	Bibhuti Bhusan Panda	
5	220151007	Jivesh Pravin Firke	Gr.2
6	220151009	Lavish Meena	
7	220151010	Pawan Kumar	
8	220151011	Rathikrinda Venkata Sahithi	
9	220151013	Sakksham Kumar	Gr.3
10	220151014	Sakshi Kothari	
11	220151015	Sanat Nagpal	
12	220151016	Teki Jaya Srilekhya	
13	220151017	Vaibhav Seksaria	Gr.4
14	220151018	Vishesh Agarwal	
15	220151019	Vishnu Sharma	
16	220151020	Yuvraj Singh Charavande	