

Experiment Schedule (Mechanical Operation Lab (22CHP207))

	CH3 (Monday) Dr. Prabhat Pandit														
	03- Aug	10- Aug	17- Aug	24- Aug	31- Aug	07- Sept	14-Sept	05-Oct	12-Oct	26-Oct	02-Nov	09-Nov	16-Nov		
G1	1	2	3	4	Make up week	Revision	Lab Mid exam	5	6	9	8	7	Make up week and Revision		
G2	2	3	4	1				6	7	8	9	5			
G3	3	4	1	2				7	9	5	6	8			
G4	4	1	2	3				8	5	9	7	6			
	CH4 (Tuesday) Dr. Vikas Kumar Sangal														
	04- Aug	11- Aug	18- Aug	25- Aug	01- Sept	08- Sept	15-Sept	29- Sept	06-Oct	13-Oct	27-Oct	03-Nov	10-Nov	17-Nov	
G1	1	2	3	4	Make up week	Revision	Lab Mid Exam	5	6	9	8	7	Make up week and Revision	Make up week and Revision	
G2	2	3	4	1				6	7	8	9	5			
G3	3	4	1	2				7	9	5	6	8			
G4	4	1	2	3				8	5	9	7	6			
	CH5 (Wednesday) Dr. Vijayalakshmi Gosu														
	05- Aug	12- Aug	19- Aug	26-Aug	02- Sept	09- Sept	16-Sept	30- Sept	07-Oct	14-Oct	28-Oct	04-Nov	11-Nov	18-Nov	
G1	1	2	3	Holiday	4	Make up week and Revision	Lab Mid exam	5	6	9	8	7	Make up week and Revision	Make up week and Revision	
G2	2	3	4		1			6	7	8	9	5			
G3	3	4	1		2			7	9	5	6	8			
G4	4	1	2		3			8	5	9	7	6			
	CH1 (Thursday) Prof. Satyendra Prasad Chaurasia														
	06- Aug	13- Aug	20- Aug	27-Aug	03- Sept	10- Sept	17-Sept	01-Oct	08-Oct	15-Oct	29-Oct	05-Nov	12-Nov	19-Nov	
G1	1	2	3	4	Make up week	Revision	Lab Mid exam	5	6	9	8	7	Make up week and Revision	Make up week and Revision	
G2	2	3	4	1				6	7	8	9	5			
G3	3	4	1	2				7	9	5	6	8			
G4	4	1	2	3				8	5	9	7	6			
	CH2 (Friday) Dr. Lovjeet Singh														
	31-July	07- Aug	14- Aug	21- Aug	28-Aug	11- Sept	18-Sept	09-Oct	16-Oct	30-Oct	06-Nov	13-Nov	20-Nov		
G1	Introduction	1	2	3	4	Make up week and Revision	Lab Mid exam	5	6	9	8	7	Make up week and Revision		
G2		2	3	4	1			6	7	8	9	5			
G3		3	4	1	2			7	9	5	6	8			
G4		4	1	2	3			8	5	9	7	6			

End-term exam between 23-Nov to 11-Dec, 2026

Experiment No.	Experiment Name
1	Determining the efficiency of the Jaw crusher
2	Calculating the efficiency of a ball mill for grinding a material
3	Studying the motion of solid particle moving through a liquid to determine its drag coefficient and its relationship
4	Separation of different particle sizes using screen analysis and estimating the efficiency of the screen used.
5	Studying the operation of Elutriator and to determine the water velocity at varying condition.
6	Studying the Power number vs. Reynolds number for the given set of impellers in agitated vessels.
7	Understanding of the operation of Plate and Frame Filter Press by calculating the medium resistance and the specific cake resistance.
8	Understanding working principle of continuous type thickener and to determine the concentration of product obtained at the different heights.
9	Understanding the operation of cyclone separator and determining its collection efficiency.