

DEPARTMENT OF MINING ENGINEERING

LESSON PLAN

Discipline: MINING	Semester: 6th	Name of the Teaching faculty: SOUMYA RANJAN SAMAL		
Subject: Pr.2. MINE MACHINERY – II LAB.	No of Days/Week class allotted: 6	Semester from Date: 04/02/25 of weeks: 15	To Date: 17/05/25	No
Week	Class Day	Topics		
1st	Group1(3p)	Study of Centrifugal Pumps.		
	Group2(3p)	Study of Centrifugal Pumps.		
	Group1(3p)	EXPT-1-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
	Group2(3p)	EXPT-1-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
2nd	Group1(3p)	Study of Turbine Pumps.		
	Group2(3p)	Study of Turbine Pumps.		
	Group1(3p)	EXPT-2-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
	Group2(3p)	EXPT-2-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
3rd	Group1(3p)	Study of Roto Pump.		
	Group2(3p)	Study of Roto Pump.		
	Group1(3p)	EXPT-3-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
	Group2(3p)	EXPT-3-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		
4th	Group1(3p)	Study of Sinking Pump.		
	Group2(3p)	Study of Sinking Pump.		
	Group1(3p)	EXPT-4-RECORD EVALUATION/ SESSIONAL/VIVA VOCE		

	Group2(3p)	EXPT-4-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
5th	Group1(3p)	Study of electric coal drills & its accessories.
	Group2(3p)	Study of electric coal drills & its accessories.
	Group1(3p)	EXPT-5-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-5-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
6th	Group1(3p)	Study of Jack Hammer Drill with air leg.
	Group2(3p)	Study of Jack Hammer Drill with air leg.
	Group1(3p)	EXPT-6-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-6-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
7th	Group1(3p)	Study of scrapper & shaker conveyor.
	Group2(3p)	Study of scrapper & shaker conveyor.
	Group1(3p)	EXPT-7-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-7-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
8th	Group1(3p)	Study of scrapper loader.
	Group2(3p)	Study of scrapper loader.
	Group1(3p)	EXPT-8-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-8-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
9th	Group1(3p)	Model Development of Gathering arm loader.
	Group2(3p)	Model Development of Gathering arm loader.
	Group1(3p)	EXPT-9-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-9-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
10th	Group1(3p)	Study of Jack Hammer Drill with air leg.
	Group2(3p)	Study of Jack Hammer Drill with air leg.
	Group1(3p)	EXPT-10-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT-10-RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE

11th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
12th	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
13th	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
14th	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
15th	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
 Signature of Faculty		