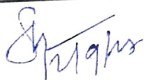


GOVERNMENT POLYTECHNIC JAIPUR
DEPARTMENT OF MINING ENGINEERING
DEMONSTRATION LESSON PLAN

Discipline: MINING	Semester: 3rd	Name of the Teaching faculty: SOUMYA RANJAN SAMAL	
Subject: Pr.2. MINE MACHINERY – I LAB.	No of Days/Week class allotted: 4	Semester from Date: 12-09-2025	To Date: 15-11-2025
		No of weeks: 15	
Week	Class Day	Topics	
1ST	Group1 -(2p)	Study of Wire rope.	
	Group2 -(2p)	Study of Wire rope.	
	Group1 -(2p)	EXPT-1-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-1-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
2ND	Group1 -(2p)	Study of rope splicing.	
	Group2 -(2p)	Study of rope splicing.	
	Group1 -(2p)	EXPT-2-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-2-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
3RD	Group1 -(2p)	Study of rope cappel.	
	Group2 -(2p)	Study of rope cappel.	
	Group1 -(2p)	EXPT-3-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-3-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
4TH	Group1 -(2p)	Study of safety hook.	
	Group2 -(2p)	Study of safety hook.	
	Group1 -(2p)	EXPT-4-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-4-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
5TH	Group1 -(2p)	Study of keps.	
	Group2 -(2p)	Study of keps.	
	Group1 -(2p)	EXPT-5-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-5-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
6TH	Group1 -(2p)	Study of guide in shaft.	
	Group2 -(2p)	Study of guide in shaft.	
	Group1 -(2p)	EXPT-6-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-6-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
7TH	Group1 -(2p)	Study of clips used in endless rope haulage.	
	Group2 -(2p)	Study of clips used in endless rope haulage.	
	Group1 -(2p)	EXPT-7-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-7-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
8TH	Group1 -(2p)	Study of clips used in endless rope haulage.	
	Group2 -(2p)	Study of clips used in endless rope haulage.	
	Group1 -(2p)	EXPT-8-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-8-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
9TH	Group1 -(2p)	Model Development of Suspension Gear.	
	Group2 -(2p)	Model Development of Suspension Gear.	
	Group1 -(2p)	EXPT-9-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-9-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
10TH	Group1 -(2p)	Model Development of different types of winding drum.	
	Group2 -(2p)	Model Development of different types of winding drum.	
	Group1 -(2p)	EXPT-10-RECORD EVALUATION/SESSIONAL/VIVA VOCE	
	Group2 -(2p)	EXPT-10-RECORD EVALUATION/SESSIONAL/VIVA VOCE	

11TH	Group1 -(2p)	Model development of different types of safety devices used in haulage roadways
	Group2 -(2p)	Model development of different types of safety devices used in haulage roadways
	Group1 -(2p)	EXPT-11-RECORD EVALUATION/SESSIONAL/VIVA VOCE
	Group2 -(2p)	EXPT-11-RECORD EVALUATION/SESSIONAL/VIVA VOCE
12TH	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
13TH	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
14TH	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
15TH	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2 -(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE



Signature of Faculty