

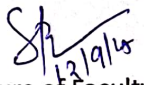
GOVERNMENT POLYTECHNIC JAIPUR

DEPARTMENT OF MINING ENGINEERING

DEMONSTRATION LESSON PLAN

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

	Group2 -(3p)	EXPT-10-RECORD EVALUATION/SESSIONAL/VIVA VOCE
11TH	Group1 -(3p)	Model development of different types of safety devices used in haulage roadways
	Group2 -(3p)	Model development of different types of safety devices used in haulage roadways
	Group1 -(3p)	EXPT-11-RECORD EVALUATION/SESSIONAL/VIVA VOCE
	Group2 -(3p)	EXPT-11-RECORD EVALUATION/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