

GOVERNMENT POLYTECHNIC JAJPUR

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DEPARTMENT OF MINING ENGINEERING

DEMONSTRATION LESSON PLAN

Discipline: MINING	Semester: 5th	Name of the Teaching faculty: AMARJYOTI MAHANTA
Subject:Pr.2. MINE MACHINERY - I LAB.	No of Days/Week class allotted: 6	Semester from Date: 01-08-2023 To Date: 30-11-2023 No of weeks: 15
Week	Class Day	Topics
1st	Group-1(3p)	Study of Wire rope.
	Group-2(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)	EXPT4-RECORD EVALUATION/SESSIONAL/VIVA VOCE
	Group2(3p)	EXPT4-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
12th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
13th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
14th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
15th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE


 Signature of Faculty