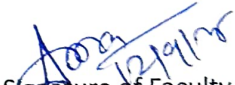


GOVERNMENT POLYTECHNIC JAIPUR

A/ P: Ragadi, Block: Korei, Dist.: Jaipur, Odisha- 755019

Website: <https://www.gpjajpur.org> E-mail: principalgpjajpur@yahoo.co.in Contact: 9437155107**DEPARTMENT OF MINING ENGINEERING****DEMONSTRATION LESSON PLAN**

Discipline: MINING	Semester: 3RD	Name of the Teaching faculty: AMARJYOTI MAHANTA
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	Group-1(2p)	Study of Wire rope.
2nd	Group1(2p)	Study of rope splicing.
3rd	Group1(2p)	Study of rope cappel.
4th	Group1(2p)	Study of safety hook.
5th	Group-1(2p)	Study of keps.
6th	Group1(2p)	Study of guide in shaft.
7th		Study of clips used in endless rope haulage.
8th	Group1(2p)	Study of clips used in endless rope haulage.
9th	Group1(2p)	Model Development of Suspension Gear.
10th	Group1(3p)	Model Development of different types of winding drum.
11th	Group1(2p)	Model development of different types of safety devices used in haulage roadways.
12th	Group1(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
13th	Group1(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
14th	Group1(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
15th	Group1(2p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE


Signature of Faculty