GOVERNMENT POLYTECHNIC JAJPUR
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DEPARTMENT OF METALLURGICAL ENGINEERING

LESSON PLAN for Mineral processing Lab

Discipline: Metallurgy	Semester: 3rd	Name of the Teaching faculty: Lab Assistant Shashanka Shekhar Sahu
Subject: Mineral processing Lab	No of Days/Week class alloted:	Semester : 3rd Session: No of weeks:
Week	Class Day	Topics
1st	Gp.1	students are study the different component & Mechanical working & principle of blake jaw crusher.
	Gp. 02	students are study the different component & Mechanical working & principle of blake jaw crusher.
2nd	Gp. 1	Students are determin the reduction ratio of the blake jaw crusher.
	Gp. 2	students are determin the reduction ratio of the blake jaw crusher.
3rd	Gp. 1	students are determin the reduction ratio
	Gp. 2	students are determin the reduction ratio.
4th	Gp. 1	students are learning about ball mill.
	Gp. 2	students are learning about ball mill.
5th	Gp. 1	Find out the reduction ratio of ball mill.
	Gp. 2	Find out the reduction ratio of ball mill.

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6th	Exp. 1	KNOW about sieve shaker & its function & sieve analysis
	Exp. 2	KNOW about sieve shaker & its function & sieve analysis.
7th	Exp. 1	Determine the average particle size of the dust particle size of the dust by sieve analysis Method
	Exp. 2	Determine the average particle size of the dust particle by sieve analyses method
8th	Exp. 1	TO KNOW about critical speed
	Exp. 2	TO KNOW about critical speed &
9th	Exp. 1	Find out the critical speed of the ball mill.
	Exp. 2	Find out the critical speed of the ball mill.
10th	Exp. 1	Study the roll crusher & their operational system by student
	Exp. 2 (Bp)	Study the roll crusher & their operational system by student.
11th	Exp. 1	check the Record, & Sessional is done & evaluated the experiment of critical speed of ball Mill.
	Exp. 2	Check Record & sessional is done & evaluate the experiment.
12th	Exp. 1	check the Record & students are give their sessional & evaluate the experiment of roll crusher & their operational system.
	Exp. 2	Submit the record & check the record.
12th	Exp. 1	
	Exp. 2	students are give sessional exam of the experiment of critical speed of the ball mill.