

GOVERNMENT POLYTECHNIC JAIPUR
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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 allotted:	Semester: 3rd Session: No of weeks:
Week	Class Day	Topics
1st	Apr. 01	students are study the different component & Mechanical working & principle of Blake jaw crusher.
	Apr. 02	students are study the different component & Mechanical working & principle of Blake jaw crusher.
2nd	Apr. 1	students are determine the reduction ratio of the Blake jaw crusher.
	Apr. 2	students are determine the reduction ratio of the Blake jaw crusher.
3rd	Apr. 1	students are determine the reduction ratio.
	Apr. 2	students are determine the reduction ratio.
4th	Apr. 1	students are learning about ball mill.
	Apr. 2	students are learning about ball mill.
5th	Apr. 1	Find out the reduction ratio of ball mill.
	Apr. 2	Find out the reduction ratio of ball mill.

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6th	Qo-1	KNOW about sieve shaker & its function & sieve analyser
	Qo-2	KNOW about sieve shaker & its function & sieve analysis.
7th	Qo-1	Determine the average particle size of the dust particle size of the dust by sieve analyser Method
	Qo-2	Determine the average particle size of the dust particle by sieve analysis method
8th	Qo-1	TO KNOW about critical speed
	Qo-2	TO KNOW about critical speed &
9th	Qo-1	Find out the critical speed of the ball mill.
	Qo-2	Find out the critical speed of the ball mill.
10th	Qo-1	study the roll crushers & their operational system by student
	Qo-2 (B1)	study the roll crushers & their operational system by student.
11th	Qo-1	check the record, & sessional is done & evaluated the experiment of critical speed of ball mill.
	Qo-2	check record & sessional is done & evaluated the experiment.
12th	Qo-1	check the record & students are give their sessional & evaluate the experiment of roll crusher & their operational system.
	Qo-2	submit the record & check the record.
13th	Qo-1	
	Qo-2	students are give sessional mark of the experiment of critical speed of the ball mill.