

GOVERNMENT POLYTECHNIC JAIPUR  
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DEPARTMENT OF METALLURGICAL ENGINEERING

LESSON PLAN For Mineral processing Lab

Name of the Teaching faculty/ Lab Assistant

Shashanka Shekhar Sahu

Semester: 3rd

Session:

No of weeks:

Discipline: I Metallurgy	Semester: 3rd	Name of the Teaching faculty/ Lab Assistant	
Subject: Mineral processing Lab	No of Days/Week class allotted:	Session:	
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 analysis
	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 analysis 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 roller crushers & their operational system by student
	Q. 2 (B1)	Study the ball crusher & their operational system by student.
11th		
12th		