

Discipline: Metallurgy			Semester: 3rd semester	Name of the Teaching Faculty: Mr Subrat Kumar Behera, Lecturer
Subject: Mineral Processing Lab Sub code: Pr 1			No of days /week class allotted: 06/week	Semester from Date: 01/10/2021 to 08/01/2022 No of weeks: 12
Month	Week	Class Day	Theory / practical topics	
October	1 st	1 st (3P)	Briefing about the Syllabus	
		2 nd (3p)	Determination of Reduction Ratio & capacity of Ball Mill	
	2 nd	1 st (3p)		
		2 nd (3p)	Lab Record Write	
November	1 st	1 st (3p)	Lab Record Submission & Check	
		2 nd (3p)	Explain about sieve analysis	
	2 nd	1 st (3p)	Demonstration about Sieve shaker	
		2 nd (3p)	Experiment on Screening & Size Analysis	
	3 rd	3 rd (3p)		
December	1 st	1 st (3p)	Lab Record Write	
	2 nd	1 st (3p)	Lab Record Submission & Check	
	3 rd	1 st (3p)	Explain about Tabling	
		2 nd (3p)	Demonstration about Wilfley table	
	4 th	1 st (3p)	Experiment on Tabling	
		2 nd (3p)	Lab Record Write Lab Record Submission & Check	
	5 th	1 st (3p)	Explain about Flotation process	
		2 nd (3p)	Experiment on Flotation	
January	1 st	1 st (3p)	Lab Record Write Lab Record Submission & Check	
		2 nd (3p)	Explain about Magnetic Separation process	
		1 st (3p)	Experiment on Magnetic Separation Record submission	
	2 nd	2 nd (3p)		
		2 nd (3p)		