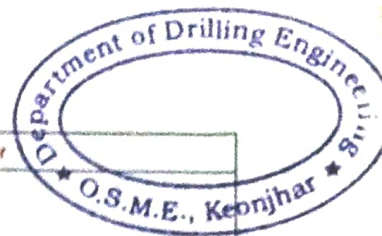


Department of Drilling Engineering
WINTER-2026, DRILLING MACHINERY-I LAB Lesson Plan (GROUP-II)



Branch: DRILLING ENGINEERING				Faculty:- Er.Tapas Ranjan Sutar	
Subject: DRILLING MACHINERY-I LAB./DEPC213		No of periods: 4hrs/week	Total Period: 60 Total week: 15	End Sem exam: 15 Progressive assesment:35	
Scheduled Session: WINTER-2026 (01.07.2026 to 05.11.2026), AVAILABLE PERIOD: 64					
Month	Week	Period	Date	Topics/Experiment	Total Periods/Remarks
JULY	1st	2P	03.07.2026	Briefing of Syllabus and Introduction to the course, Its application	
	2nd	2P	07.07.2026	Study of drilling accessories, Instruments and fittings.	
		2P	10.07.2026	Study of drilling accessories, Instruments and fittings.	
	3rd	2P	14.07.2026	Study of drilling accessories, Instruments and fittings.	
		2P	17.07.2026	Study of drilling accessories, Instruments and fittings.	
	4th	2P	21.07.2026	Study of drilling accessories, Instruments and fittings.	
		2P	24.07.2026	Study of drilling accessories, Instruments and fittings.	
	5th	2P	28.07.2026	Study of different fishing tools.	
2P		31.07.2026	Study of different fishing tools.		
AUGUST	2nd	2P	04.08.2026	Study of different fishing tools.	
		2P	07.08.2026	Study of different drill machines, different units of rig.	
	3rd	2P	11.08.2026	Study of different drill machines, different units of rig.	
		2P	14.08.2026	Study of different drill machines, different units of rig.	
	4th	2P	18.08.2026	Study of different drill machines, different units of rig.	
		2P	21.08.2026	Study of different drill machines, different units of rig.	
	5th	2P	25.08.2026	Study of different types pumps used in drilling field.	
		2P	28.08.2026	Study of different types pumps used in drilling field.	
SEPTEMBER	1st	Tentative 1st Internal Assesment in-between 01.09.2026 to 08.09.2026			
		2P	01.09.2026	Study of different types pumps used in drilling field.	
	2nd	2P	08.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
		2P	11.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	3rd	2P	18.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
		2P	22.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	4th	2P	25.09.2026	Practicing the operation of rig at the site.	
		2P	29.09.2026	Practicing the operation of rig at the site.	
OCTOBER	2nd	2P	06.10.2026	Practicing the operation of rig at the site.	
		2P	09.10.2026	Practicing the operation of rig at the site.	
	3rd	2P	13.10.2026	Practicing the operation of rig at the site.	
		2P	16.10.2026	Practicing the operation of rig at the site.	
	4th	2P	23.10.2026	Practicing the operation of rig at the site.	
		2P	27.10.2026	Practicing the operation of rig at the site.	
	5th	Tentative 2nd Internal Assesment in-between 26.10.2026 to 31.10.2026			
		2P	30.10.2026	Doubt Clearing/ Extra Class	
NOVEMBER	1st	2P	03.11.2026	Doubt Clearing/ Extra Class	

Prepared By: Er. Tapas Ranjan Sutar
Lect-II, Drilling

25-6-26
Lecturer (Stage-II)
Drilling Engineering
O.S.M.E., Keonjhar

25-6-26
PRINCIPAL
Orissa School of Mining Engineering
KEONJHAR