

Department of Drilling Engineering
WINTER-2026, DRILLING MACHINERY-I LAB Lesson Plan (GROUP-1)



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: 66					
Month	Week	Period	Date	Topics/Experiment	Total Periods/Remarks
JULY	1st	2P	02.07.2026	Briefing of Syllabus and Introduction to the course, its application	
	2nd	2P	06.07.2026	Study of drilling accessories, instruments and fittings.	
	3rd	2P	09.07.2026	Study of drilling accessories, instruments and fittings.	
	4th	2P	13.07.2026	Study of drilling accessories, instruments and fittings.	
	5th	2P	20.07.2026	Study of drilling accessories, instruments and fittings.	
	6th	2P	23.07.2026	Study of drilling accessories, instruments and fittings.	
AUGUST	1st	2P	27.07.2026	Study of drilling accessories, instruments and fittings.	
	2nd	2P	30.07.2026	Study of different fishing tools.	
	3rd	2P	03.08.2026	Study of different fishing tools.	
	4th	2P	06.08.2026	Study of different drill machines, different units of rig.	
	5th	2P	10.08.2026	Study of different drill machines, different units of rig.	
	6th	2P	13.08.2026	Study of different drill machines, different units of rig.	
SEPTEMBER	1st	2P	17.08.2026	Study of different drill machines, different units of rig.	
	2nd	2P	20.08.2026	Study of different drill machines, different units of rig.	
	3rd	2P	24.08.2026	Study of different types pumps used in drilling field.	
	4th	2P	27.08.2026	Study of different types pumps used in drilling field.	
	5th	2P	31.08.2026	Study of different types pumps used in drilling field.	
	6th	2P	03.09.2026	Study of different types pumps used in drilling field.	
OCTOBER	1st	2P	07.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	2nd	2P	10.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	3rd	2P	17.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	4th	2P	21.09.2026	Practicing maintenance of rig and reciprocating pumps at site.	
	5th	2P	24.09.2026	Practicing the operation of rig at the site.	
	6th	2P	28.09.2026	Practicing the operation of rig at the site.	
NOVEMBER	1st	2P	01.10.2026	Practicing the operation of rig at the site.	
	2nd	2P	05.10.2026	Practicing the operation of rig at the site.	
	3rd	2P	08.10.2026	Practicing the operation of rig at the site.	
	4th	2P	12.10.2026	Practicing the operation of rig at the site.	
	5th	2P	15.10.2026	Practicing the operation of rig at the site.	
	6th	2P	22.10.2026	Practicing the operation of rig at the site.	
Tentative 1st Internal Assessment in-between 01.09.2026 to 08.09.2026					
Tentative 2nd Internal Assessment in-between 26.10.2026 to 31.10.2026					
Doubt Clearing/ Extra Class					
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Doubt Clearing/ Extra Class					
Doubt Clearing/ Extra Class					

Prepared By: **Er. Tapas Ranjan Sutar**
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