


# LESSON PLAN(WINTER-2023), DRILLING MACHINERY-I LAB

Branch: <b>DRILLING ENGINEERING</b>				Faculty:- <b>Tapas Sutar</b>		
Subject: <b>Drilling Machinery-I LAB/ Pr.1</b>		No of periods: <b>6 hrs/week</b>		Total Period: 90 Total week: 15		End Sem exam: 50 Sessional assesment: 50
Scheduled Session: From <b>01.08.2023</b> to <b>30.11.2024 (Available Period 84)</b>						
Month	Week	Date	Period	Topics to be covered		Remarks
August	1st	02.08.23	3P	1	Briefing and Introduction	
	2nd	07.08.23	3P		Study of Drilling accessories, instruments and fittings	
		09.08.23	3P		Study of Drilling accessories, instruments and fittings	
		14.08.23	3P		Study of Drilling accessories, instruments and fittings	
	16.08.23	3P	Study of Drilling accessories, instruments and fittings			
	4th	21.08.23	3P	2	Study of different Fishing Tools	
		23.08.23	3P		Study of different Fishing Tools	
	5th	28.08.23	3P		Study of different Fishing Tools	
1st Class Test						
September	2nd	04.09.23	3P	3	Study of different drill machines, different units of rig by disassembling and assembling	
	3rd	11.09.23	3P		Study of different drill machines, different units of rig by disassembling and assembling	
		13.09.23	3P		Study of different drill machines, different units of rig by disassembling and assembling	
	4th	18.09.23	3P		Study of different drill machines, different units of rig by disassembling and assembling	
	5th	25.09.23	3P	4	Practicing starting of Diesel engine, Petrol engine and Running Electric Motors	
		27.09.23	3P		Practicing starting of Diesel engine, Petrol engine and Running Electric Motors	
	2nd Class Test					
October	1st	04.10.23	3P	Practicing starting of Diesel engine, Petrol engine and Running Electric Motors		
	2nd	09.10.23	3P	5	Study of different types of water pumps, units, trouble shooting and maintainance.	
		11.10.23	3P		Study of different types of water pumps, units, trouble shooting and maintainance.	
					Internal Assesment	
	3rd	16.10.23	3P		Study of different types of water pumps, units, trouble shooting and maintainance.	
		18.10.23	3P		Study of different types of water pumps, units, trouble shooting and maintainance.	
	5th	30.10.23	3P	6	Practicing operational techniques and maintenance of rig, Simplex, Duplex and Triplex pump at site	
November	1st	01.11.23	3P		Practicing operational techniques and maintenance of rig, Simplex, Duplex and Triplex pump at site	
	2nd	06.11.23	3P		Practicing operational techniques and maintenance of rig, Simplex, Duplex and Triplex pump at site	
		08.11.23	3P	Practicing operational techniques and maintenance of rig, Simplex, Duplex and Triplex pump at site		
	3rd	13.11.23	3P	7	Practicing the operation of rig at the site	
		15.11.23	3P		Practicing the operation of rig at the site	
					3rd Class Test	
	4th	20.11.23	3P		Practicing the operation of rig at the site	
		22.11.23	3P		Practicing the operation of rig at the site	
	5th	29.11.23	3P		Practicing the operation of rig at the site	

Prepared by:-  Tapas Sutar, Lect, Drilling

 HOD, DRILLING

  
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