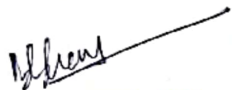



Discipline: Drilling Engineering	Semester: 6 th Semester	Name of the Teaching Faculty: Er. Brushabhanu Sahoo	
Subject (Lab): TUBE WELL DRILLING LAB Subject Code: PR2	No. of Periods /week:04	Session: Summer 2022 No of weeks:15	
Week	Class Day	Lab	Remarks
1 st	1 st	Study and sketching of DTH Rig.	
	2 nd	Study and sketching of DTH Rig.	
	3 rd	Study and sketching of DTH Rig.	
	4 th	Study and sketching of DTH Rig.	
2 nd	1 st	Study and sketching of accessories and equipments of DTH Rig.	
	2 nd	Study and sketching of accessories and equipments of DTH Rig.	
	3 rd	Study and sketching of accessories and equipments of DTH Rig.	
	4 th	Study and sketching of accessories and equipments of DTH Rig.	
3 rd	1 st	Study and sketching of DHD unit.	
	2 nd	Study and sketching of DHD unit.	
	3 rd	Study and sketching of DHD unit.	
	4 th	Study and sketching of DHD unit.	
4 th	1 st	Study and sketching of reciprocating air compressor.	
	2 nd	Study and sketching of reciprocating air compressor.	
	3 rd	Study and sketching of reciprocating air compressor.	
	4 th	Study and sketching of reciprocating air compressor.	
5 th	1 st	Study and sketching of centrifugal compressor.	
	2 nd	Study and sketching of centrifugal compressor.	
	3 rd	Study and sketching of centrifugal compressor.	
	4 th	Study and sketching of centrifugal compressor.	
6 th	1 st	Study and sketching of rotary screw compressor.	
	2 nd	Study and sketching of rotary screw compressor.	
	3 rd	Study and sketching of rotary screw compressor.	
	4 th	Study and sketching of rotary screw compressor.	
7 th	1 st	Study and sketching of direct and reverse circulation process.	
	2 nd	Study and sketching of direct and reverse circulation process.	
	3 rd	Study and sketching of direct and reverse circulation process.	
	4 th	Study and sketching of direct and reverse circulation process.	
8 th	1 st	Study and sketching of driving method for drilling shallow wells.	
	2 nd	Study and sketching of driving method for drilling shallow wells.	
	3 rd	Study and sketching of driving method for drilling shallow wells.	
	4 th	Study and sketching of driving method for drilling shallow wells.	
9 th	1 st	Study and sketching of jetting method for drilling shallow wells.	
	2 nd	Study and sketching of jetting method for drilling shallow wells.	
	3 rd	Study and sketching of jetting method for drilling shallow wells.	
	4 th	Study and sketching of jetting method for drilling shallow wells.	
10 th	1 st	Study and sketching of different types of well screens.	
	2 nd	Study and sketching of different types of well screens.	
	3 rd	Study and sketching of different types of well screens.	
	4 th	Study and sketching of different types of well screens.	
11 th	1 st	Study and sketching of a gravel-packed well.	
	2 nd	Study and sketching of a gravel-packed well.	

	3 rd	Study and sketching of a gravel-packed well.	
	4 th	Study and sketching of a gravel-packed well.	
12 th	1 st	Study and sketching of well development technique by using surging with air method.	
	2 nd	Study and sketching of well development technique by using surging with air method.	
	3 rd	Study and sketching of well development technique by using surging with air method.	
	4 th	Study and sketching of well development technique by using surging with air method.	
13 th	1 st	Study and sketching of well development technique by using back washing with air method.	
	2 nd	Study and sketching of well development technique by using back washing with air method.	
	3 rd	Study and sketching of well development technique by using back washing with air method.	
	4 th	Study and sketching of well development technique by using back washing with air method.	
14 th	1 st	Study and sketching of different casings used in water well.	
	2 nd	Study and sketching of different casings used in water well.	
	3 rd	Study and sketching of different casings used in water well.	
	4 th	Study and sketching of different casings used in water well.	
15 th	1 st	Study and sketching of different bits used in water well drilling.	
	2 nd	Study and sketching of different bits used in water well drilling.	
	3 rd	Study and sketching of different bits used in water well drilling.	
	4 th	Study and sketching of different bits used in water well drilling.	


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