
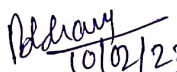
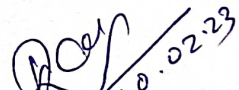



Discipline: <b>Drilling Engineering</b>	Semester: <b>6<sup>th</sup> Semester</b>	Name of the Teaching Faculty: <b>Er. Brushabhanu Sahoo</b>	
Subject (Lab): <b>TUBE WELL DRILLING LAB</b> Subject Code: <b>PR2</b>	No. of Periods /week: <b>04</b>	Session: <b>Summer 2023</b> No of weeks: <b>15</b> Semester from date-14.02.2023 to date-23.05.2023	
Week	Class Day	Lab	Remarks
1 <sup>st</sup>	1 <sup>st</sup>	Study and sketching of DTH Rig.	
	2 <sup>nd</sup>	Study and sketching of DTH Rig.	
	3 <sup>rd</sup>	Study and sketching of DTH Rig.	
	4 <sup>th</sup>	Study and sketching of DTH Rig.	
2 <sup>nd</sup>	1 <sup>st</sup>	Study and sketching of accessories and equipments of DTH Rig.	
	2 <sup>nd</sup>	Study and sketching of accessories and equipments of DTH Rig.	
	3 <sup>rd</sup>	Study and sketching of accessories and equipments of DTH Rig.	
	4 <sup>th</sup>	Study and sketching of accessories and equipments of DTH Rig.	
3 <sup>rd</sup>	1 <sup>st</sup>	Study and sketching of DHD unit.	
	2 <sup>nd</sup>	Study and sketching of DHD unit.	
	3 <sup>rd</sup>	Study and sketching of DHD unit.	
	4 <sup>th</sup>	Study and sketching of DHD unit.	
4 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of reciprocating air compressor.	
	2 <sup>nd</sup>	Study and sketching of reciprocating air compressor.	
	3 <sup>rd</sup>	Study and sketching of reciprocating air compressor.	
	4 <sup>th</sup>	Study and sketching of reciprocating air compressor.	
5 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of centrifugal compressor.	
	2 <sup>nd</sup>	Study and sketching of centrifugal compressor.	
	3 <sup>rd</sup>	Study and sketching of centrifugal compressor.	
	4 <sup>th</sup>	Study and sketching of centrifugal compressor.	
6 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of rotary screw compressor.	
	2 <sup>nd</sup>	Study and sketching of rotary screw compressor.	
	3 <sup>rd</sup>	Study and sketching of rotary screw compressor.	
	4 <sup>th</sup>	Study and sketching of rotary screw compressor.	
7 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of direct and reverse circulation process.	
	2 <sup>nd</sup>	Study and sketching of direct and reverse circulation process.	
	3 <sup>rd</sup>	Study and sketching of direct and reverse circulation process.	
	4 <sup>th</sup>	Study and sketching of direct and reverse circulation process.	
8 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of driving method for drilling shallow wells.	
	2 <sup>nd</sup>	Study and sketching of driving method for drilling shallow wells.	
	3 <sup>rd</sup>	Study and sketching of driving method for drilling shallow wells.	
	4 <sup>th</sup>	Study and sketching of driving method for drilling shallow wells.	
9 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of jetting method for drilling shallow wells.	
	2 <sup>nd</sup>	Study and sketching of jetting method for drilling shallow wells.	
	3 <sup>rd</sup>	Study and sketching of jetting method for drilling shallow wells.	
	4 <sup>th</sup>	Study and sketching of jetting method for drilling shallow wells.	
10 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of different types of well screens.	
	2 <sup>nd</sup>	Study and sketching of different types of well screens.	
	3 <sup>rd</sup>	Study and sketching of different types of well screens.	
	4 <sup>th</sup>	Study and sketching of different types of well screens.	
11 <sup>th</sup>	1 <sup>st</sup>	Study and sketching of a gravel-packed well.	
	2 <sup>nd</sup>	Study and sketching of a gravel-packed well.	

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

  
 10/02/23  
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 10.02.23  
 Senior Lecturer (Drilling)  
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