


**MINE MACHINERY-I LAB**

<b>SL. NO</b>	<b>NAME OF EXPERIMENT</b>	<b>PHOTOGRAPHS</b>	<b>LIST OF EQUIPMENTS</b>
1	Study of Wire rope.		<b>WIRE ROPE</b>
2	Study of rope splicing.		
3	Study of rope capel.		
4	Study of safety hook.		
5	Study of keps.		
6	Study of guide in shaft.		
7	Study of clips used in endless rope haulage.		
8	Model Development of Headgear Structure.		Model Development of Headgear Structure.
9	Model Development of Suspension Gear.		
10	Model Development of different types of winding drum.		Model Development of different types of winding drum.
11	Model development of different types of safety devices used in haulage.		TUB-STOP SCOTCH BLOCK JAZZ RAIL TUB DERAILER AGECROFT DEVICE BACK CATCH STOP BLOCK RUN AWAY SWITCH BACK STAY SPRING CATCH INTER COUPLE STOPBLOCK & RUN AWAY SWITCH DROP WARRICK

**MINE MACHINERY-II LAB**

<b>SL. NO</b>	<b>NAME OF EXPERIMENT</b>	<b>PHOTOGRAPHS</b>	<b>LIST OF EQUIPMENTS</b>
<b>1</b>	Study of Centrifugal Pumps		Centrifugal Pump
<b>2</b>	Study of Turbine Pumps.		Turbine Pump
<b>3</b>	Study of Roto Pump.		Roto Pump
<b>4</b>	Study of Sinking Pump.		Sinking Pump
<b>5</b>	Study of electric coal drills & its accessories.		Electric coal drills
<b>6</b>	Study of Jack Hammer Drill with air leg.		Jack Hammer Drill
<b>7</b>	Study of scrapper & shaker conveyor		Scrapper chain conveyor
<b>8</b>	Study of scrapper loader.		
<b>9</b>	Model Development of Gathering arm loader.		
<b>10</b>	Study of Electric Coal Drill.		Electric coal drills