

6th Semester.

Subj. - mine machinery-II

Sl. No	Unit No	Module	Topic	Unit No	Status
1	1/1	Module under ground face mechanization.	Explaining & sketching of drill	11/1/23	cut
2	1/2	- do -	Describe constructional features, operational features, principle use of electric coal drill	12/1/23	cut
3	1/3	- do -	Describe constructional feature, operational feature, principle use of electric coal drill	14/1/23	cut
4	1/4	- do -	Describe constructional feature, operational feature, principle use of electric coal drill	16/1/23	cut
5	1/5	- do -	Describe basic construction of gathering arm loader.	18/1/23	cut
6	1/6	- do -	Describe basic construction of gathering arm loader.	20/1/23	cut
7	1/7	- do -	Describe basic construction of scraper loader.	22/1/23	cut
8	1/8	- do -	Describe basic construction of side discharge loader and load and haul loader.	24/1/23	cut
9	1/9	- do -	Describe basic constructional feature of Jack hammer drill and air leg drill	26/1/23	cut
10	1/10	- do -	Describe constructional feature and operational feature of air leg drill and Jack hammer drill.	28/1/23	cut

Cth Canada
 1st - Mine Legislation Regional Safety

Q.No	Case No	Module	Case-Details	Case No	Case Status
1	1/1	MMR-1961	Describe various provision of mnr-1961	17/1/23	upload
2	1/2	- do -	Describe various provision of mnr-1961	15/1/23	upload
3	1/3	- do -	Describe various provision of mnr-1961	17/1/23	upload
4	1/4	- do -	Describe various provision of mnr-1961	14/1/23	upload
5	1/5	- do -	Describe various provision of mnr-1961	21/1/23	upload
6	1/6	- do -	Describe various provision of mnr-1961	22/1/23	upload
7	1/7	- do -	Describe various provision of mnr-1961	24/1/23	upload
8	1/8	- do -	Describe various provision of mnr-1961	27/1/23	upload
9	1/9	- do -	Describe various provision of mnr-1961	02/2/23	upload
10	1/10	- do -	Describe various provision of mnr-1961	13/2/23	upload
11	1/11	- do -	Describe various provision of mnr-1961	21/2/23	upload
12	1/12	- do -	Describe various provision of mnr-1961	06/2/23	upload
13	1/13	- do -	Describe various provision of mnr-1961	10/2/23	upload
14	1/14	- do -	Describe various provision of mnr-1961	17/2/23	upload
15	1/15	- do -	Describe various provision of mnr-1961	15/2/23	upload
16	1/16	mines v.7. Rule-1966	Describe various provision of mines v.7 Rule-1966	15/3/23	upload

5th 1 - mineral dressing

Sl. No.	Topic	Duration	Content Details	Unit No.	Weightage
1	1/1	Introduction	Describe the objectives & scope of applications of mineral dressing in surface and UG mines.	1/1/23	10%
2	1/2	- 20 -	Describe the objective & scope of applications of mineral dressing in surface and UG mines.	1/2/23	10%
3	1/3	Unit operation	Explain the principle of Blake jaw crusher.	1/3/23	10%
4	1/4	- 20 -	Explain the principle of Dodge jaw crusher.	1/4/23	10%
5	1/5	- 20 -	Describe gyratory crusher.	1/5/23	10%
6	1/6	- 20 -	Describe cone crusher.	1/6/23	10%
7	1/7	- 20 -	Describe cone crusher.	1/7/23	10%
8	1/8	- 20 -	Describe roll crusher.	1/8/23	10%
9	1/9	Grinding	Explain principle of ball mill operation.	1/9/23	10%
10	1/10	- 20 -	Explain principle of ball mill operation.	1/10/23	10%
11	1/11	- 20 -	Explain principle of ball mill operation.	1/11/23	10%
12	1/12	- 20 -	Describe open circuit and closed circuit grinding.	1/12/23	10%
13	1/13	- 20 -	Describe open circuit and closed circuit grinding.	1/13/23	10%
14	1/14	- 20 -	Describe dry and wet grinding.	1/14/23	10%

6th Sem
 Stb: more geology lab II

Sr No	Lect No	Module	Lect. Details	Lect Date	St. No.
1	1/1	Megascopic identification of igneous rocks	Megascopic identification of igneous rock in hand specimen	12/1/23	conf
2	1/2	- do -	Megascopic identification of igneous rock in hand specimen	12/2/23	conf
3	1/3	- do -	Megascopic identification of igneous rock in hand specimen	12/3/23	conf
4	1/4	- do -	Megascopic identification of igneous rock in hand specimen	12/4/23	conf
5	1/5	- do -	Megascopic identification of igneous rock in hand specimen	12/5/23	conf
6	2/1	Megascopic identification of sedimentary rocks	Megascopic identification of sedimentary rock in hand specimen	12/3/23	conf
7	2/2	- do -	Megascopic identification of sedimentary rock in hand specimen.	10/12/23	conf
8	2/3	- do -	Megascopic identification of sedimentary rock in hand specimen	15/12/23	conf
9	2/4	- do -	Megascopic identification of sedimentary rock in hand specimen	17/12/23	conf
10	2/5	- do -	Megascopic identification of sedimentary rock in hand specimen.	22/12/23	conf
11	3/1	Megascopic identification of metamorphic rocks	Megascopic identification of metamorphic rock in hand specimen.	21/1/24	conf

Chemical

Subj: - mine machinery [I] Lab

Sl. No.	Module	Lab. Details	Date	Status
1/1	Study of centrifugal pump	Study of centrifugal pump	16/1/23	Completed
1/2	-do-	Study of centrifugal pump	20/1/23	Completed
1/3	-do-	Study of centrifugal pump	27/1/23	Completed
2/1	Study of turbine pump	Study of turbine pump	27/1/23	Completed
2/2	-do-	Study of turbine pump	28/1/23	Completed
2/3	-do-	Study of turbine pump	6/2/23	Completed
3/1	Study of rotor pump	Study of rotor pump	11/2/23	Completed
3/2	-do-	Study of rotor pump	17/2/23	Completed
3/3	-do-	Study of rotor pump	16/2/23	Completed
4/1	Study of sinking pump	Study of sinking pump	20/2/23	Completed
4/2	-do-	Study of sinking pump	27/2/23	Completed
4/3	-do-	Study of sinking pump	27/2/23	Completed
5/1	Study of coal drill and its accessories	Study of coal drill and its accessories	3/4/23	
5/2	-do-	Study of coal drill and its accessories	15/4/23	
5/3	-do-	Study of coal drill and its accessories	14/4/23	
6/1	Study of sack hammer drill with air leg	Study of sack hammer drill with air leg	13/4/23	
6/2	-do-	Study of sack hammer drill with air leg	17/4/23	

Gth aut.

Sub: - more machinery II Lab

Sl. No	Lab No	Module	Lab Details	Date	Status
1	1/1	Study of centrifugal pump	Study of centrifugal pump	16/1/23	Completed
2	1/2	-do-	Study of centrifugal pump	20/1/23	Completed
3	1/3	-do-	Study of centrifugal pump	27/1/23	Completed
4	2/1	Study of turbine pump	Study of turbine pump	27/1/23	Completed
5	2/2	-do-	Study of turbine pump	28/1/23	Completed
6	2/3	-do-	Study of turbine pump	6/2/23	Completed
7	3/1	Study of rotor pump	Study of rotor pump	11/2/23	Completed
8	3/2	-do-	Study of rotor pump	13/2/23	Completed
9	3/3	-do-	Study of rotor pump	16/2/23	Completed
10	4/1	Study of sinking pump	Study of sinking pump	20/2/23	Completed
11	4/2	-do-	Study of sinking pump	27/2/23	Completed
12	4/3	-do-	Study of sinking pump	27/2/23	Completed
13	5/1	Study of coil drill and its accessories	Study of coil drill and its accessories	3/4/23	
14	5/2	-do-	Study of coil drill and its accessories	13/4/23	
15	5/3	-do-	Study of coil drill and its accessories	14/4/23	
16	6/1	Study of jack hammer drill with air leg	Study of jack hammer drill with air leg	13/4/23	
17	6/2	-do-	Study of jack hammer drill with air leg	17/4/23	