

**DIPLOMA IN ENGINEERING  
PROBIDHAN-2016**

**Mining and Mine Survey Technology**

**1st Semester**

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				
						Theory		Practical		Total
						Cont. assess	Final exam	Cont. assess	Final exam	
1	61011	Engineering Drawing	0	6	2	0	0	50	50	100
2	65711	Bangla	3	3	4	60	90	50	0	200
3	65712	English	2	0	2	40	60	0	0	100
4	65911	Mathematics-I	3	3	4	60	90	50	0	200
5	65912	Physics-1	3	3	4	60	90	25	25	200
6	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
7	69311	Elements of Petroleum & Mining Engineering	2	3	3	40	60	25	25	150
	<b>Total</b>		16	21	23	320	480	225	125	1150

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

## MINING AND MINE SURVEY TECHNOLOGY (693)

### 2<sup>nd</sup> SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	65811	Social Science	3	0	3	60	90	0	0	150
2	65722	Communicative English	1	3	2	20	30	50	0	100
3	65922	Physics -2	3	3	4	60	90	25	25	200
4	65921	Mathematics -2	3	3	4	60	90	50	0	200
5	66611	Computer Application	0	6	2	0	0	50	50	100
6	67011	Basic Workshop Practice	0	6	2	0	0	50	50	100
7	69321	Mining Geology	2	0	2	40	60	0	0	100
Total			12	21	19	240	360	225	125	950

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

## MINING AND MINE SURVEY TECHNOLOGY (693)

### 3<sup>rd</sup> SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	69331	Mineralogy and Mineral Resource of Bangladesh	2	3	3	40	60	25	25	150
2	67033	Machine Shop Practice	1	3	2	20	30	25	25	100
3	66822	Electronic Engineering Fundamentals	2	3	3	40	60	25	25	150
4	67034	Metallurgy and Heat treatment of Metals	2	3	3	40	60	25	25	150
5	65931	Mathematics -3	3	3	4	60	90	50	0	200
6	65913	Chemistry	3	3	4	60	90	25	25	200
7	65812	Physical Education & Life skill development	0	3	1	0	0	25	25	50
Total			13	21	20	260	390	200	150	1000

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

## MINING & MINE SURVEY TECHNOLOGY (693)

### 4<sup>th</sup> SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	69341	Rock Mechanics	2	3	3	40	60	25	25	
2	69342	Mine Machinery & Maintenance	1	3	2	20	30	25	25	100
3	69343	Coal Mining	2	3	3	40	60	25	25	150
4	69344	Mine Survey Engineering	2	3	3	40	60	25	25	150
5	66631	Programming Essentials	2	3	3	40	60	25	25	150
6	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			14	18	20	260	390	175	175	1000

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

## MINING & MINE SURVEY TECHNOLOGY (693)

### 5<sup>th</sup> SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	69351	Exploration Geology	2	3	3	40	60	25	25	150
2	69352	Drilling and Blasting	2	3	3	40	60	25	25	150
3	69353	Open-Pit and Placer Mining Technique	2	3	3	40	60	25	25	150
4	67051	Hydraulics & Hydraulic Machineries	3	3	4	60	90	25	25	200
5	67054	CAD & CAM	1	6	3	20	30	50	50	150
6	69054	Environmental Studies	2	-	2	40	60	-	-	100
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	-	150
Total			14	21	21	280	420	200	150	1050

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

**MINING & MINE SURVEY TECHNOLOGY**  
**6<sup>th</sup> SEMESTER**

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	67061	Thermodynamics and Heat Engine	3	3	4	60	90	25	25	200
2	67064	Strength of Materials	3	3	4	60	90	25	25	200
3	69361	Mine Safety rules and rescue Operation	1	3	2	20	30	25	25	100
4	69362	Mine Transport System	2	3	3	40	60	25	25	150
5	69363	Mine Planning and Designing	1	3	2	20	30	25	25	100
6	69364	Underground Mining Technique	2	3	3	40	60	25	25	150
7	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	150	150	1000

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

**MINING & MINE SURVEY TECHNOLOGY (693)**  
**7<sup>th</sup> SEMESTER**

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	69371	Reservoir Engineering	2	3	3	40	60	25	25	150
2	69372	Petroleum Well Design & Completion	2	3	3	40	60	25	25	150
3	69373	Processing of Minerals	2	3	3	40	60	25	25	150
4	69374	Geo -Resource Engineering Project	0	6	2	0	0	50	50	100
5	67071	Design of Machine Elements	3	3	4	60	90	25	25	200
6	67075	Production Planning and Control	3	0	3	60	90	0	0	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	150	150	1000