

**DIPLOMA IN ENGINEERING  
PROBIDHAN-2016**

**Environment 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	65811	Social Science	3	0	3	60	90	0	0	150
3	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
4	65911	Mathematics-1	3	3	4	60	90	50	0	200
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
7	69011	Basic Environmental Engineering	2	3	3	40	60	25	25	150
	Total		14	21	21	280	420	200	150	1050

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## ENVIRONMENTAL TECHNOLOGY (690)

### 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	69021	Water Quality Engineering	2	3	3	40	60	25	25	150
2	66422	Civil Engineering Drawing (CAD)	1	3	2	20	30	25	25	100
3	69022	Environmental Engineering Materials	2	3	3	40	60	25	25	150
4	65711	Bangla	3	3	4	60	90	50	0	200
5	65712	English	2	0	2	40	60		0	100
6	65921	Mathematics -2	3	3	4	60	90	50	0	200
7	65912	Physics-1	3	3	4	60	90	25	25	200
Total			16	18	22	320	480	200	100	1100

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## ENVIRONMENTAL TECHNOLOGY (690)

### 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	69031	Environmental Surveying	2	3	3	40	60	25	25	150
2	69032	Environmental Workshop Practice	0	3	1	0	0	25	25	50
3	69033	Environmental Chemistry	3	3	4	60	90	25	25	200
4	66611	Computer Application	0	6	2	0	0	50	50	100
5	65931	Mathematics -3	3	3	4	60	90	50	0	200
6	65922	Physics -2	3	3	4	60	90	25	25	200
7	65722	Communicative English	1	3	2	20	30	50	0	100
Total			12	24	20	240	360	250	150	1000

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## ENVIRONMENTAL TECHNOLOGY (690)

### 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	69041	Instrumental Technique in Environmental Analysis	1	3	2	20	30	25	25	100
2	66441	Structural Mechanics	2	3	3	40	60	25	25	150
3	69042	Water Treatment	2	3	3	40	60	25	25	150
4	69043	Environmental Microbiology	2	3	3	40	60	25	25	150
5	66445	Geotechnical Engineering	2	3	3	40	60	25	25	150
6	66446	Fundamental Construction Process	2	3	3	40	60	25	25	150
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			13	18	19	260	390	150	150	950

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## ENVIRONMENTAL TECHNOLOGY (690)

### 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	69051	Waste Water & Sludge Treatment	2	3	3	40	60	25	25	150
2	69052	Health, Safety & Environment (HSE)	2	3	3	40	60	25	25	150
3	69053	Geographic Information System (GIS) & Remote Sensing	2	3	3	40	60	25	25	150
4	66454	Theory of Structure	2	3	3	40	60	25	25	150
5	66456	Hydraulics	2	3	3	40	60	25	25	150
6	68873	Construction Management & Documentation	2	3	3	40	60	25	25	150
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	-	150
Total			14	21	21	280	420	200	150	1050

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## ENVIRONMENTAL 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	66457	Water Supply & Sanitary Engineering	3	3	4	60	90	25	25	200
2	69062	Air Pollution and Control Engineering	2	3	3	40	60	25	25	150
3	69063	Energy and the Environment	2	3	3	40	60	25	25	150
4	69061	Environmental Estimating and Costing	3	3	4	60	90	25	25	200
5	66467	Basic Design of Structure	2	3	3	40	60	25	25	150
6	66468	Fundamentals of Transportation Engineering	2	3	3	40	60	25	25	150
7	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			16	18	22	320	480	150	150	1100

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**ENVIRONMENTAL TECHNOLOGY (690)**

**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	69071	Environmental Impact Assessment (EIA) & Environmental Regulation	2	3	3	40	60	25	25	150
2	69072	Solid and Hazardous Waste Management	2	3	3	40	60	25	25	150
3	69073	Industrial Pollution Control Engineering	2	3	3	40	60	25	25	150
4	69074	Application of Environmental Software and Project	0	6	2	0	0	50	50	100
5	69075	Disaster Management	2	0	2	40	60	-	-	100
6	69076	Environmental Hydrology & Water Resources Engineering	3	3	4	60	90	25	25	200
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			13	18	19	260	390	150	150	950