

4-YEAR DIPLOMA-IN-ENGINEERING PROGRAM

Environmental Technology (90)

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.	1011	Engineering Drawing	0	6	2	-	-	50	50	100
2.	1012	Engineering Materials	2	3	3	20	80	25	25	150
3.	5711	Bangla	2	2	3	20	80	50	-	150
4.	5911	Mathematics-1	3	3	4	30	120	50	-	200
5.	5913	Chemistry	3	3	4	30	120	25	25	200
6.	7011	Basic Workshop Practice	0	6	2	-	-	50	50	100
7.	9011	Basic Environmental Engineering	3	3	4	30	120	25	25	200
Total			13	26	22	130	520	275	175	1100

Environmental Technology (90)

2nd 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.	5712	English-1	2	0	2	20	80	-	-	100
2.	5812	Physical Education & Life Skill Development	0	2	1	-	-	25	25	50
3.	5912	Physics-1	3	3	4	30	120	25	25	200
4.	5921	Mathematics -2	3	3	4	30	120	50	-	200
5.	6621	Computer Application-1	0	6	2	-	-	50	50	100
6.	6711	Basic Electricity	3	3	4	30	120	25	25	200
7.	9021	Water Quality	3	3	4	30	120	25	25	200
Total			14	20	21	140	560	200	150	1050

Environmental Technology (90)

3rd 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.	9031	Environmental Surveying	2	3	3	20	80	25	25	150
2.	6811	Basic Electronics	2	3	3	20	80	25	25	150
3.	6632	Computer Application-2	0	6	2	-	-	50	50	100
4.	6431	Civil Engineering Drawing (CAD)-1	1	6	3	10	40	50	50	150
5.	5931	Mathematics-3	3	3	4	30	120	50	-	200
6.	5922	Physics-2	3	3	4	30	120	25	25	200
7.	5811	Social Science-1	2	0	2	20	80	-	-	100
8.	5722	English-2	2	2	3	20	80	50	-	150
Total			15	29	25	150	600	300	200	1250

Environmental Technology (90)

4th 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.	9041	Natural Resources & Their Conservation	2	0	2	20	80	-	-	100
2.	9042	Environmental Chemistry	3	3	4	30	120	25	25	200
3.	6442	Estimating & Costing-1	3	3	4	30	120	25	25	200
4.	6445	Hydraulics	3	3	4	30	120	25	25	200
5.	6441	Geotechnical Engineering	2	3	3	20	80	25	25	150
6.	6444	Construction Process-1	3	3	4	30	120	25	25	200
7.	5821	Social Science-2	2	3	3	20	80	-	-	100
8.	5841	Business Organization & Communication	2	0	2	20	80	-	-	100
Total			20	18	26					1300

Environmental Technology (90)
5th 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.	9051	Water & Waste Water Treatment	3	3	4	30	120	25	25	200
2.	9052	Health, Safety and Environment (HSE)	1	3	2	10	40	25	25	100
3.	9053	Environmental Microbiology	2	3	3	20	80	25	25	150
4.	6433	Structural Mechanics	3	3	4	30	120	25	25	200
5.	6454	Theory of Structure	3	3	4	30	120	25	25	200
6.	9054	Geographic Information System (GIS) and Remote Sensing	2	3	3	20	80	25	25	150
7.	5851	Book Keeping & Accounting	2	0	2	20	80	-	-	100
Total			16	18	22	160		150	150	1100

Environmental Technology (90)
6th 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.	9061	Water Supply & Sanitation Engineering	3	3	4	30	120	25	25	200
2.	9062	Instrumental Technique in Environmental Analysis	1	3	2	10	40	25	25	100
3.	6463	Design of Structure -1	3	3	4	30	120	25	25	200
4.	6471	Estimating & Costing-2	3	3	4	30	120	25	25	200
5.	6465	Construction Management	2	3	3	20	80	25	25	150
6.	6466	Transportation Engineering	2	3	3	20	80	25	25	150
7.	5852	Industrial Management	2	0	2	20	80	-	-	100
Total			16	18	22	160	640	150	150	1100

Environmental Technology (90)

7th 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.	9071	Environmental Impact Assessment (EIA) & Environmental Regulation	2	3	3	20	80	25	25	150
2.	9072	Solid Waste Management	2	3	3	20	80	25	25	150
3.	9073	Air Pollution and Control Engineering	2	3	3	20	80	25	25	150
4.	9074	Environmental Engineering Projects	0	6	2	0	0	50	50	100
5.	9075	Disaster Management	3	0	3	30	120	0	0	150
6.	9076	Environmental Hydrology & Water Resources Engineering	3	3	4	30	120	25	25	200
7.	5853	Entrepreneurship	2	0	2	20	80	0	0	100
Total			14	18	20	140	560	150	150	1000

Environmental Technology (90)

8th 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.		Industrial Training			6			180	120	300
Total					6					300