

Course Structure of Diploma in Engineering Probidhan-2022 (Civil Allied Technology)

Civil Technology(64)

Technology Name: Civil Technology (64)

1st Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21011	Engineering Drawing	-	6	2	-	-	-	50	50	100	100
2	25711	Bangla-I	2	-	2	40	60	100	-	-	-	100
3	25712	English-I	2	-	2	40	60	100	-	-	-	100
4	25811	Social Science	2	-	2	40	60	100	-	-	-	100
5	25911	Mathematics -I	3	3	4	60	90	150	25	25	50	200
6	25913	Chemistry	3	3	4	60	90	150	25	25	50	200
7	26411	Civil Engineering Metarials	2	3	3	40	60	100	25	25	50	150
8	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
Total			17	18	23	340	510	850	150	150	300	1,150
Total Period			35									
Theory:Practical (Ratio)			48.6%	51.4%								

Civil Technology(64)

2nd Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						Grand Total
						Theory Assessment			Practical Assessment			
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25721	Bangla -II	2	-	2	40	60	100	-	-	-	100
2	25722	English-II	2	-	2	40	60	100	-	-	-	100
3	25812	Physical Education & Life Skills Development	-	3	1	-	-	-	25	25	50	50
4	25912	Physics -I	3	3	4	60	90	150	25	25	50	200
5	25921	Mathematics-II	3	3	4	60	90	150	25	25	50	200
6	26421	Civil Engineering Drawing	1	6	3	20	30	50	50	50	100	150
7	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
8	27011	Basic Workshop Practice	-	3	1	-	-	-	25	25	50	50
Total			13	21	20	260	390	650	175	175	350	1,000
Total Period			34									
Theory:Practical (Ratio)			38.2%	61.8%								

Civil Technology(64)

Course Structure of Diploma in Engineering Probidhan-2022 (Civil Allied Technology)

3rd Semester

Sl. No.	Subject		Technology Name		Credit	Marks Distribution						
			Period Per Week			Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25831	Business Communication	2	-	2	40	60	100	-	-	-	100
2	25922	Physics-II	3	3	4	60	90	150	25	25	50	200
3	25931	Mathematics-III	3	3	4	60	90	150	25	25	50	200
4	26431	Structural Mechanics	2	3	3	40	60	100	25	25	50	150
5	26432	Surveying-I	2	3	3	40	60	100	25	25	50	150
6	26433	Construction Process-I	2	3	3	40	60	100	25	25	50	150
7	28511	Computer Office Application	-	6	2	-	-	-	50	50	100	100
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period					35							
Theory:Practical (Ratio)			40.0%	60.0%								

Civil Technology(64)

4th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
			Period Per Week			Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25841	Accounting	2	-	2	40	60	100	-	-	-	100
2	26441	Construction Process-II	2	3	3	40	60	100	25	25	50	150
3	26442	Estimating & Costing-I	2	3	3	40	60	100	25	25	50	150
4	26443	Civil CAD-I	1	3	2	20	30	50	25	25	50	100
5	26444	Surveying-II	2	3	3	40	60	100	25	25	50	150
6	26445	Geotechnical Engineering	2	3	3	40	60	100	25	25	50	150
7	26446	Hydrology	2	3	3	40	60	100	25	25	50	150
8	26521	Wood Workshop Practice	1	3	2	20	30	50	25	25	50	100
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period					35							
Theory:Practical (Ratio)			40.0%	60.0%								

Civil Technology(64)

Course Structure of Diploma in Engineering Probidhan-2022 (Civil Allied Technology)

5th Semester

Sl. No.	Subject		Technology Name		Credit	Marks Distribution						
			Period Per Week			Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25852	Industrial Management	2	-	2	40	60	100	-	-	-	100
2	26451	Foundation Engineering	2	3	3	40	60	100	25	25	50	150
3	26452	Civil CAD-II	1	6	3	20	30	50	50	50	100	150
4	26453	Surveying-III	2	3	3	40	60	100	25	25	50	150
5	26454	Theory of Structure	2	3	3	40	60	100	25	25	50	150
6	26455	Water Supply Engineering	2	3	3	40	60	100	25	25	50	150
7	26456	Hydraulics	2	3	3	40	60	100	25	25	50	150
Total			13	21	20	260	390	650	175	175	350	1,000
Total Period					34							
Theory:Practical (Ratio)			38.2%	61.8%								

Civil Technology(64)

6th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
			Period Per Week			Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	26461	Water Resources Engineering	2	3	3	40	60	100	25	25	50	150
2	26462	Advance Surveying	2	3	3	40	60	100	25	25	50	150
3	26463	Transportation Engineering-I	2	3	3	40	60	100	25	25	50	150
4	26464	Design of Structure-I	2	3	3	40	60	100	25	25	50	150
5	28863	Steel Structures	2	3	3	40	60	100	25	25	50	150
6	28861	Advanced Construction	2	3	3	40	60	100	25	25	50	150
7	29041	Environmental Studies	2	3	3	40	60	100	25	25	50	150
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period					35							
Theory:Practical (Ratio)			40.0%	60.0%								

Civil Technology(64)

7th Semester

Sl. No.	Subject		Course Structure		Credit	Marks Distribution						
	Code	Name	Period Per Week			Theory Assessment			Practical Assessment			Grand Total
			Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25851	Principle of Marketing	2	-	2	40	60	100	-	-	-	100
2	25853	Innovation & Entrepreneurship	2	-	2	40	60	100	-	-	-	100
3	26471	Civil Engineering Project	-	6	2	-	-	-	50	50	100	100
4	26472	Sanitary Engineering	2	3	3	40	60	100	25	25	50	150
5	26473	Transportation Engineering-II	2	3	3	40	60	100	25	25	50	150
6	26474	Design of Structure-II	2	3	3	40	60	100	25	25	50	150
7	26475	Estimating & Costing-II	2	3	3	40	60	100	25	25	50	150
8	28871	Construction Management & Documentation	2	3	3	40	60	100	25	25	50	150
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period					35							
Theory:Practical (Ratio)			40.0%	60.0%								

Civil Technology(64)

8th Semester

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
	Code	Name	Period Per Week			Theory Assessment			Practical Assessment			Grand Total
			Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	26481	Industrial Attachment	-	24	8	-	-	-	200	200	400	400
2		Project Presentation	-	12	4	-	-	-	100	100	200	200
Total			-	36	12	-	-	-	300	300	600	600
Total Period					36							
Theory:Practical (Ratio)			0.0%	100.0%								

Sl. No.	Course Structure of Diploma in Engineering Semester	Period Per Week		Credit	Distribution						
		Technology Name			Theory (Assessment)			Practical Assessment			Grand Total
		Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	17	18	23	340	510	850	150	150	300	1,150
2	2nd Semester	13	21	20	260	390	650	175	175	350	1,000
3	3rd Semester	14	21	21	280	420	700	175	175	350	1,050
4	4th Semester	14	21	21	280	420	700	175	175	350	1,050
5	5th Semester	13	21	20	260	390	650	175	175	350	1,000
6	6th Semester	14	21	21	280	420	700	175	175	350	1,050
7	7th Semester	14	21	21	280	420	700	175	175	350	1,050
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		99	180	159	1,980	2,970	4,950	1,500	1,500	3,000	7,950
Total Period		279									
Theory:Practical (Ratio)		35.5%	64.5%								