

**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
<b>Total</b>			<b>17</b>	<b>18</b>	<b>23</b>	<b>340</b>	<b>510</b>	<b>850</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>1150</b>
<b>Total Period</b>					<b>35</b>							
<b>Theory:Practical (%)</b>			<b>48.6%</b>	<b>51.4%</b>								

**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
<b>Total</b>			<b>13</b>	<b>21</b>	<b>20</b>	<b>260</b>	<b>390</b>	<b>650</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1000</b>
<b>Total Period</b>					<b>34</b>							
<b>Theory:Practical (%)</b>			<b>38.2%</b>	<b>61.8%</b>								

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

**Technology Name: Civil Technology (64)**

**Civil Technology(64)**

**3rd Semester**

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						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
<b>Total</b>			<b>14</b>	<b>21</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1050</b>
<b>Total Period</b>					<b>35</b>							
<b>Theory:Practical (%)</b>			<b>40.0%</b>	<b>60.0%</b>								

**Civil Technology(64)**

**4th Semester**

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						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
<b>Total</b>			<b>14</b>	<b>21</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1050</b>
<b>Total Period</b>					<b>35</b>							
<b>Theory:Practical (%)</b>			<b>40.0%</b>	<b>60.0%</b>								

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

**Technology Name: Civil Technology (64)**

**Civil Technology(64)**

**5th Semester**

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						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
<b>Total</b>			<b>13</b>	<b>21</b>	<b>20</b>	<b>260</b>	<b>390</b>	<b>650</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1000</b>
<b>Total Period</b>			<b>34</b>									
<b>Theory:Practical (%)</b>			<b>38.2%</b>	<b>61.8%</b>								

**Civil Technology(64)**

**6th Semester**

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						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
<b>Total</b>			<b>14</b>	<b>21</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1050</b>
<b>Total Period</b>			<b>35</b>									
<b>Theory:Practical (%)</b>			<b>40.0%</b>	<b>60.0%</b>								

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

**Technology Name: Civil Technology (64)**

**Civil Technology(64)**

**7th Semester**

Sl. No.	Subject		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	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
<b>Total</b>			<b>14</b>	<b>21</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>175</b>	<b>175</b>	<b>350</b>	<b>1050</b>
<b>Total Period</b>					<b>35</b>							
<b>Theory:Practical (%)</b>			<b>40.0%</b>	<b>60.0%</b>								

**Civil Technology(64)**

**8th Semester**

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

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

**Technology Name: Civil Technology (64)**

**Civil Technology(64)**

**Summary Structure (All Semester)**

Sl. No.	Semester	Period Per Week		Credit	Marks Distribution						
		Theory	Practical		Theory Assessment			Practical Assessment			Grand Total
					Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	17	18	23	340	510	850	150	150	300	1150
2	2nd Semester	13	21	20	260	390	650	175	175	350	1000
3	3rd Semester	14	21	21	280	420	700	175	175	350	1050
4	4th Semester	14	21	21	280	420	700	175	175	350	1050
5	5th Semester	13	21	20	260	390	650	175	175	350	1000
6	6th Semester	14	21	21	280	420	700	175	175	350	1050
7	7th Semester	14	21	21	280	420	700	175	175	350	1050
8	8th Semester	-	36	12	-	-	-	300	300	600	600
<b>Total</b>		<b>99</b>	<b>180</b>	<b>159</b>	<b>1,980</b>	<b>2,970</b>	<b>4,950</b>	<b>1,500</b>	<b>1,500</b>	<b>3,000</b>	<b>7950</b>
<b>Total Period</b>		<b>279</b>									
<b>Theory:Practical (%)</b>		<b>35.5%</b>	<b>64.5%</b>								