

**DIPLOMA IN ENGINEERING  
PROBIDHAN-2016**

**Construction 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 -1	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
	Total		14	18	20	280	420	200	100	1000

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## CONSTRUCTION TECHNOLOGY (688)

### 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	66421	Civil Engineering Materials	2	3	3	40	60	25	25	150
2	68822	Construction Field Practices	1	3	2	20	30	25	25	100
3	65722	Communicative English	1	3	2	20	30	50	0	100
4	65811	Social Science	3	0	3	60	90	0	0	150
5	65921	Mathematics -2	3	3	4	60	90	50	0	200
6	65922	Physics-2	3	3	4	60	90	25	25	200
7	66611	Computer Application	0	6	2	0	0	50	50	100
Total			13	21	20	260	390	225	125	1000

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### 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	68831	Construction Engineering Drawing -1	1	3	2	20	30	25	25	100
2	68832	Construction Surveying -1	3	3	4	60	90	25	25	200
3	68834	Construction Methodology-1	3	3	4	60	90	25	25	200
4	68833	Construction Safety Practices	1	3	2	20	30	25	25	100
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			14	21	21	280	420	200	150	1050

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### 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	68841	Working & Structural Drawing	1	3	2	20	30	25	25	100
2	68842	Construction Surveying-2	3	3	4	60	90	25	25	200
3	68843	Building Facilities & Services	2	3	3	40	60	25	25	150
4	68844	Hydrology &Water Resources Engineering	2	3	3	40	60	25	25	150
5	66441	Structural Mechanics	2	3	3	40	60	25	25	150
6	66445	Geotechnical Engineering	2	3	3	40	60	25	25	150
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	150	150	1000

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**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	68851	Construction Methodology -II	2	3	3	40	60	25	25	150
2	68852	Estimation & Quantity Surveying -I	2	3	3	40	60	25	25	150
3	68853	Construction Engineering Drawing -II (CAD)	0	6	2	0	0	50	50	100
4	66453	Water Supply Engineering	2	3	3	40	60	25	25	150
5	66454	Theory of Structure	2	3	3	40	60	25	25	150
6	66456	Hydraulics	2	3	3	40	60	25	25	150
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	0	150
Total			12	24	20	240	360	225	175	1000

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### 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	68861	Elements of steel Structural Design	2	3	3	40	60	25	25	150
2	68862	Estimation & Quantity Surveying -2	3	3	4	60	90	25	25	200
3	66463	Design of Structure -1	2	3	3	40	60	25	25	150
4	66462	Transportation Engineering -1	2	3	3	40	60	25	25	150
5	66465	Foundation Engineering	2	3	3	40	60	25	25	150
6	69054	Environmental Studies	2	0	2	40	60	0	0	100
7	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			15	15	20	300	450	125	125	1000

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**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	68871	Advance Construction Technique and Machinery	2	3	3	40	60	25	25	150
2	68872	Construction Engineering Project	0	6	2	0	0	50	50	100
3	68873	Construction Management & Documentation	2	3	3	40	60	25	25	150
4	66472	Sanitary Engineering	2	3	3	40	60	25	25	150
5	66473	Transportation Engineering -2	2	3	3	40	60	25	25	150
6	66474	Design of Structure -2	2	3	3	40	60	25	25	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			12	21	19	240	360	175	175	950