

**DIPLOMA IN ENGINEERING  
PROBIDHAN-2016**

**Surveying Technology**

**1st Semester**

Sl. No	Subject Code	Name of the subject				Marks				
			T	P	C	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	66421	Civil Engineering Materials	2	3	3	40	60	25	25	150
	Total		13	18	19	260	390	200	100	950

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## SURVEYING TECHNOLOGY (678)

### SECOND 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	65811	Social Science	3	0	3	60	90	-	-	150
2	65921	Mathmatics-2	3	3	4	60	90	50	-	200
3	65922	Physics -2	3	3	4	60	90	25	25	200
4	66611	Computer Application	0	6	2	-	-	50	50	100
5	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
6	67821	Basic Surveying	2	6	4	40	60	50	50	200
		<i>Total</i>	<b>14</b>	<b>21</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>200</b>	<b>150</b>	<b>1050</b>

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## SURVEYING TECHNOLOGY (678)

### THIRD 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	67831	Leveling	2	3	3	40	60	25	25	150
2	67832	Engineering Drawing CAD-1	1	6	3	20	30	50	50	150
3	65931	Mathematics-3	3	3	4	60	90	50	-	200
4	65722	Communicative English	1	3	2	20	30	50	-	100
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	66822	Electronic Engineering Fundamentals	2	3	3	40	60	25	25	150
7	65812	Physical Education & Life skill Development	0	3	1	-	-	25	25	50
		<i>Total</i>	<b>12</b>	<b>24</b>	<b>20</b>	<b>240</b>	<b>360</b>	<b>250</b>	<b>150</b>	<b>1000</b>

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### 4<sup>th</sup> 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	67841	Traversing & Cadastral Surveying	2	6	4	40	60	50	50	200
2	67842	Survey CAD	1	3	2	20	30	25	25	100
3	67843	Field Astronomy	1	3	2	20	30	25	25	100
4	67844	Advance Surveying-1	2	3	3	40	60	25	25	150
5	66442	Estimating & Costing -1	2	3	3	40	60	25	25	150
6	66441	Structural Mechanics	2	3	3	40	60	25	25	150
7	65841	Business Organization & Communication	2	0	2	40	60	-	-	100
		<b>Total</b>	<b>12</b>	<b>21</b>	<b>19</b>	<b>240</b>	<b>360</b>	<b>175</b>	<b>175</b>	<b>950</b>

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**SURVEYING TECHNOLOGY (678)**  
**FIFTH 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	67851	Geodetic Surveying	2	3	3	40	60	25	25	150
2	67852	Hydraulics & Hydrology	2	3	3	40	60	25	25	150
3	67853	GIS & Digital Cartography	2	3	3	40	60	25	25	150
4	66454	Theory of Structure	2	3	3	40	60	25	25	150
5	66455	Estimating & Costing-II	2	3	3	40	60	25	25	150
6	69054	Environmental Studies	2	-	2	40	60	-	-	100
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	-	150
	Total		14	18	20	280	420	175	125	1000

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## ***SURVEYING TECHNOLOGY (678)***

### **SIXTH 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	67861	Land Management	2	0	2	40	60	-	-	100
2	67862	Advance surveying-II	2	6	4	40	60	50	50	200
3	67863	Digital topographic Surveying	2	3	3	40	60	25	25	150
4	66463	Design of Structure -I	2	3	3	40	60	25	25	150
5	66462	Transportation Engineering -1	2	3	3	40	60	25	25	150
6	66458	Construction Process	2	3	3	40	60	25	25	150
7	65852	Industrial Management	2	0	2	40	60	-	-	100
		<i>Total</i>	<b>14</b>	<b>18</b>	<b>20</b>	<b>280</b>	<b>420</b>	<b>150</b>	<b>150</b>	<b>1000</b>

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### **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	67871	Hydrographic & Route Survey	2	6	4	40	60	50	50	200
2	67872	Mine Surveying	2	3	3	40	60	25	25	150
3	67873	Surveying Project	0	6	2	-	-	50	50	100
4	66473	Transportation Engg-2	2	3	3	40	60	25	25	150
5	66474	Design of Structure -2	2	3	3	40	60	25	25	150
6	68873	Construction Management & Documentation	2	3	3	40	60	25	25	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	-	-	100
		<b>Total</b>	<b>12</b>	<b>24</b>	<b>20</b>	<b>240</b>	<b>360</b>	<b>200</b>	<b>200</b>	<b>1000</b>