

**DIPLOMA IN ENGINEERING  
PROBIDHAN-2016**

**Data Telecommunication and Networking 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	65711	Bangla	3	3	4	60	90	50	0	200
2	65712	English	2	0	2	40	60	0	0	100
3	65911	Mathematics-I	3	3	4	60	90	50	0	200
4	65912	Physics-I	3	3	4	60	90	25	25	200
5	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
6	68411	Data telecommunication & Networking Basics	2	3	3	40	60	25	25	150
<b>Total</b>			16	15	21	320	480	175	75	1050

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**DATA TELECOMMUNICATION AND NETWORKING TECHNOLOGY (684)**

**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	65921	Mathematics -2	3	3	4	60	90	50	0	200
2	65922	Physics -2	3	3	4	60	90	25	25	200
3	65722	Communicative English	1	3	2	20	30	25	25	100
4	65811	Social Science	3	0	3	60	90	0	0	150
5	66823	Analog Electronics	3	3	4	60	90	25	25	200
6	68426	Data Telecommunication Fundamentals	3	3	4	60	90	25	25	200
Total			16	15	21	320	480	175	75	1050

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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	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
2	65931	Mathematics -3	3	3	4	60	90	50	0	200
3	65913	Chemistry	3	3	4	60	90	25	25	200
4	66621	Database Application	0	6	2	0	0	50	50	100
5	68431	Wireless Communication	3	3	4	60	90	25	25	200
6	66631	Programming Essentials	2	3	3	40	60	25	25	150
Total			11	21	18	220	330	200	150	900

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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	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
2	66834	Digital Electronics	3	3	4	60	90	25	25	200
3	66845	Industrial Electronics	2	3	3	40	60	25	25	150
4	69451	Digital Communication	3	3	4	60	90	25	25	200
5	68441	DNT Workshop Practices	0	3	1	0	0	25	25	50
6	66841	Networks, Filters & Transmission Lines	3	3	4	60	90	25	25	200
7	66743	Electrical Circuits & Machine	3	3	4	60	90	25	25	200
Total			16	18	22	320	480	150	150	1100

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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	68451	Mobile Communication Networks	3	3	4	60	90	25	25	200
2	68452	Graphics Design	0	6	2	0	0	50	50	100
3	66651	Programming in Java	2	3	3	40	60	25	25	150
4	66664	Database Management System	2	3	3	40	60	25	25	150
5	69452	Telecom Measuring & Equipments Testing	3	3	4	60	90	25	25	200
6	69054	Environmental Studies	2	0	2	40	60	0	0	100
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	0	150
Total			14	21	21	280	420	200	150	1050

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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	65852	Industrial Management	2	0	2	40	60	0	0	100
2	68461	Computer Network -1	2	6	4	40	60	50	50	200
3	66672	Network Administration & services	2	6	4	40	60	50	50	200
4	66632	Web Design	0	6	2	0	0	50	50	100
5	66662	Microprocessor & Interfacing	2	3	3	40	60	25	25	150
6	68462	Network Security & Troubleshooting	2	3	3	40	60	25	25	150
Total			10	24	18	240	300	200	200	900

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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	
2	68471	Computer Network -2	2	3	3	40	60	25	25	150
4	68472	Computer Network Project	0	6	2	0	0	50	50	100
6	66673	Apps Development Project	0	6	2	-	-	50	50	100
7	69461	Fiber Optic communication	3	3	4	60	90	25	25	200
3	69464	Microwave & Antennas	2	3	3	40	60	25	25	150
5	69471	Satellite Communication	2	3	3	40	60	25	25	150
1	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			11	24	19	220	330	200	200	950