

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

ELECTRICAL TECHNOLOGY (667)
1st 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	66711	Basic Electricity	3	3	4	60	90	25	25	200
2	66713	Electrical Engineering Materials	2	0	2	40	60	0	0	100
3	66811	Basic Electronics	2	3	3	40	60	25	25	150
4	61011	Engineering Drawing	0	6	2	0	0	50	50	100
5	65911	Mathematics-1	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			13	21	20	260	390	200	150	1000

2nd 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	66721	Electrical Circuits-1	3	3	4	60	90	25	25	200
2	66722	Electrical Appliances	2	3	3	40	60	25	25	150
3	66611	Computer Application	0	6	2	0	0	50	50	100
4	65921	Mathematics-2	3	3	4	60	90	50	0	200
5	65912	Physics-1	3	3	4	60	90	25	25	200
6	65711	Bangla	3	3	4	60	90	50	0	200
7	65712	English	2	0	2	40	60	0	0	100
Total			16	21	23	320	480	225	125	1150

3rd 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	66731	Electrical Circuits -2	3	3	4	60	90	25	25	200
2	66732	Advance Electricity	2	3	3	40	60	25	25	150
3	66733	Electrical Engineering Drawing	0	3	1	0	0	25	25	50
4	65931	Mathematics -3	3	3	4	60	90	50	0	200
5	65922	Physics -2	3	3	4	60	90	25	25	200
6	65722	Communicative English	1	3	2	20	30	50	0	100
7	65811	Social Science	3	0	3	60	90	0	0	150
Total			15	18	21	300	450	200	100	1050

4th 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	66741	Electrical Installation Planning and Estimating	3	3	4	60	90	25	25	200
2	66742	DC Machines	3	3	4	60	90	25	25	200
3	66845	Industrial Electronics	2	3	3	40	60	25	25	150
4	67045	Applied Mechanics	2	3	3	40	60	25	25	150
5	66631	Programming Essentials	2	3	3	40	60	25	25	150
6	65841	Business organization & Communication	2	0	2	40	60	0	0	100
Total			14	15	19	320	480	125	125	950

5th 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	66751	Electrical & Electronic Measurement -1	3	3	4	60	90	25	25	200
2	66752	Generation of Electrical Power	3	3	4	60	90	25	25	200
3	66753	Renewable Energy	2	3	3	40	60	25	25	150
4	66856	Digital Electronics & Microprocessor	2	3	3	40	60	25	25	150
5	69054	Environmental Studies	2	0	2	40	60			100
6	65851	Accounting Theory & Practice	2	3	3	40	60	50	-	150
Total			14	15	19	280	420	175	125	950

6th 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	66761	Alternating Current Machines-1	3	3	4	60	90	25	25	200
2	66762	Electrical & Electronic Measurement-2	2	3	3	40	60	25	25	150
3	66763	Transmission and Distribution of Electrical Power-1	3	3	4	60	90	25	25	200
4	66867	Communication Engineering	2	3	3	40	60	25	25	150
5	66868	Micro Controller & PLC	2	3	3	40	60	25	25	150
6	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			14	15	19	280	420	125	125	950

7th 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	66771	Alternating Current Machines-2	3	3	4	60	90	25	25	200
2	66772	Electrical Engineering project	0	6	2	0	0	50	50	100
3	66773	Switch Gear & Protection	3	3	4	60	90	25	25	200
4	66774	Transmission and Distribution of Electrical Power-2	3	3	4	60	90	25	25	200
5	66775	Testing and Maintenance of Electrical Equipment	1	3	2	20	30	25	25	120
6	66863	Instrumentation and Process Control	2	3	3	40	60	25	25	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			14	21	21	280	420	175	175	1050

8th 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	66781	Electrical Technology Industrial Training	0	0	6	0	0	150	0	300
		Graduation Project Presentation				0	0	0	150	
Total			0	0	6	0	0	150	150	300

Sl	Category	Credits	%
1	Core Engineering	90	60%
2	Related Engineering	16	11%
3	Science & Math	24	16%
4	Social Skill	20	13%
Total		148	100%

Others Technology:

1. Electrical Circuit & Machines -66734
2. Electrical Machines -66743
3. Transmission & Distribution of Electrical Power-66764