

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

ELECTRONICS TECHNOLOGY (668)
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	66811	Basic Electronics	2	3	3	40	60	25	25	150
2	61011	Engineering Drawing	0	6	2	0	0	50	50	100
3	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
4	65911	Mathematics -1	3	3	4	60	90	50	0	200
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	65811	Social Science	3	0	3	60	90	0	0	150
7	65812	Physical education & Life Skill Development	0	3	1	0	0	25	25	50
Total			14	21	21	280	420	200	150	1050

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	66821	Electronic Devices and Circuits	3	3	4	60	90	25	25	200
2	66611	Computer Application	0	6	2	0	0	50	50	100
3	65912	Physics -1	3	3	4	60	90	25	25	200
4	65921	Mathematics -2	3	3	4	60	90	50	0	200
5	65711	Bangla	3	3	4	60	90	50	0	200
6	65712	English	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	200	100	1000

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	66831	Advanced Electronic Devices and Circuits	3	3	4	60	90	25	25	200
2	66832	PCB Design and Prototyping	0	6	2	0	0	50	50	100
3	66833	Electronic Appliances	2	3	3	40	60	25	25	150
4	66835	Basic Communication Engineering	2	3	3	40	60	25	25	150
5	65922	Physics -2	3	3	4	60	90	25	25	200
6	65931	Mathematics -3	3	3	4	60	90	50	0	200
7	65722	Communicative English	1	3	2	20	30	50	0	100
Total			14	24	22	280	420	250	150	1100

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	66743	Electrical Circuits & Machine	3	3	4	60	90	25	25	200
2	66842	Principles of Digital Electronics	3	3	4	60	90	25	25	200
3	66845	Industrial Electronics	2	3	3	40	60	25	25	150
4	66841	Networks, Filters and Transmission Lines	3	3	4	60	90	25	25	200
5	66844	Electronic Servicing -1	0	3	1	0	0	25	25	50
6	66631	Programming Essentials	2	3	3	40	60	25	25	150
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			15	18	21	300	450	150	150	1050

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	66851	Television & Radio Engineering	3	3	4	60	90	25	25	200
2	66852	Electronic Measuring Instruments	2	3	3	40	60	25	25	150
3	66853	Advanced Communication Engineering	3	3	4	60	90	25	25	150
4	66854	Advanced Digital Electronics	3	3	4	60	90	25	25	200
5	66855	Electronic Servicing -2	0	3	1	0	0	25	25	50
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			15	18	21	300	450	175	125	1000

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	66861	Electronic Measurements	2	3	3	40	60	25	25	150
2	66862	TV Broadcasting and Studio	2	3	3	40	60	25	25	150
3	66863	Instrumentation & Process Control	2	3	3	40	60	25	25	150
4	66662	Microprocessor and Interfacing	2	3	3	40	60	25	25	150
5	66864	Microcontroller & embedded system	2	3	3	40	60	25	25	150
6	66865	Electronic Project -1 (Contd...)	0	6	2	0	0	50	50	100
7	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			13	21	20	260	390	175	175	1000

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	66871	Computer Control & Robotics	3	3	4	60	90	25	25	200
2	66872	Microwave Radar & Navigation Aids	3	3	4	60	90	25	25	200
3	66873	Bio-Medical Instrument	3	3	4	60	90	25	25	200
4	66874	Industrial Automation & PLC	3	3	4	60	90	25	25	200
5	66875	Project -2	0	6	2	0	0	50	50	100
6	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			14	18	20	280	420	150	150	1000

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	66881	Electronics 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	85	57.83%
2	Related Engineering	18	12.25%
3	Science & Math	29	19.74%
4	Social Skill	15	10.20%
Total		147	100%