

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

Power 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	67111	Power Engineering Fundamentals	3	3	4	60	90	25	25	200
	Total		14	18	20	280	420	200	100	1000

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POWER TECHNOLOGY (671)

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	67121	Workshop Safety & Management	2	6	4	40	60	50	50	200
2	66711	Basic electricity	3	3	4	60	90	25	25	200
3	65922	Physics -2	3	3	4	60	90	25	25	200
4	65722	Communicative English	1	3	2	20	30	50	0	100
5	65921	Mathematics -2	3	3	4	60	90	50	0	200
6	65812	Physical Education & life skill development	0	3	1	0	0	25	25	50
Total			12	21	19	240	360	225	125	950

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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	67131	Engineering Thermodynamics	3	3	4	60	90	25	25	200
2	67033	Machine Shop Practice	1	3	2	20	30	25	25	100
3	66611	Computer application	0	6	2	0	0	50	50	100
4	65931	Mathematics -3	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	66822	Electronic Engineering Fundamentals	2	3	3	40	60	25	25	150
Total			15	21	22	300	450	200	150	1100

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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	67141	Engine Details	3	3	4	60	90	25	25	200
2	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
3	67142	Automotive Suspension, Brake, Steering & Transmission system	2	6	4	40	60	50	50	200
4	67143	Fuels & Lubricants	2	3	3	40	60	25	25	150
5	66743	Electrical Circuits & Machine	3	3	4	60	90	25	25	200
6	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			15	18	21	300	450	150	150	1050

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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	67151	Power plant engineering	3	3	4	60	90	25	25	200
2	67152	Boiler operation & maintenance	2	3	3	40	60	25	25	150
3	67153	Engine Overhauling & Inspection	2	6	4	40	60	50	50	200
4	66271	Service Station Operation & Estimating	2	6	4	40	60	50	50	200
5	69054	Environmental Studies	2	0	2	40	60	0	0	100
6	65851	Accounting Theory & practice	2	3	3	40	60	50	0	150
Total			13	21	20	260	390	200	150	1000

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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	67161	Engine Testing & Performance	2	6	4	40	60	50	50	200
2	66274	Vehicle Automation & Signaling	2	3	3	40	60	25	25	150
3	66241	Automotive Body Building	2	3	3	40	60	25	25	150
4	67162	Fluid Mechanics & Machineries	3	3	4	60	90	25	25	200
5	66764	Transmission & Distribution of Electrical Power	3	3	4	60	90	25	25	200
6	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			14	18	20	260	390	175	175	1000

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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	67171	Auto Electricity & Electronic	2	6	4	40	60	50	50	200
2	67172	Automobile Trouble Shooting & Driving	2	6	4	40	60	50	50	200
3	67173	Power Engineering Project	0	6	2	0	0	50	50	100
4	66253	Automobile Air-conditioning	2	3	3	40	60	25	25	150
5	66773	Switch Gear & Protection	3	3	4	60	90	25	25	200
6	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			11	24	19	220	330	200	200	950