

## DIPLOMA IN ENGINEERING PROBIDHAN-2016

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	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
4	65911	Mathematics –I	3	3	4	60	90	50	0	200
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
7	67013	Mechanical Engineering Materials	2	0	2	40	60	0	0	100
		Total	14	21	21	280	420	225	125	1050

## Mechanical Technology

### 1st Semester

DIPLOMA IN ENGINEERING  
PROBIDHAN-2016

**MECHANICAL TECHNOLOGY (670)**

**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	67021	Advanced Mechanical Engineering Drawing	0	6	2	0	0	50	50	100
2	67022	Machine Shop Practice -1	1	6	3	20	30	50	50	150
3	67023	Mechanical Workshop Practice	0	6	2	0	0	50	50	100
4	65712	English	2	0	2	40	60	0	0	100
5	65921	Mathematics -2	3	3	4	60	90	50	0	200
6	65912	Physics -1	3	3	4	60	90	25	25	200
7	65811	Social Science	3	0	3	60	90	0	0	150
Total			12	24	20	240	360	225	175	1000

DIPLOMA IN ENGINEERING  
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**MECHANICAL TECHNOLOGY (670)**

**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	67031	Machine Shop Practice-2	1	6	3	20	30	50	50	150
2	66822	Electronic Engineering Fundamentals	2	3	3	40	60	25	25	150
3	65722	Communicative English	1	3	2	20	30	50	0	100
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	66611	Computer Application	0	6	2	0	0	50	50	100
7	67032	Foundry & Pattern Making	2	3	3	40	60	25	25	150
			12	27	21	240	360	275	175	1050

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**MECHANICAL TECHNOLOGY (670)**

**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	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
2	67042	Metallurgy	2	3	3	40	60	25	25	150
3	67043	Machine Shop Practice -3	1	6	3	20	30	50	50	150
4	66631	Programming Essentials	2	3	3	40	60	25	25	150
5	66743	Electrical Circuits & Machines	3	3	4	60	90	25	25	200
6	69054	Environmental Studies	2	0	2	40	60	0	0	100
7	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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**MECHANICAL TECHNOLOGY (670)**

**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	67051	Hydraulics & Hydraulic Machineries	3	3	4	60	90	25	25	200
2	67052	Mechanical Estimating& Costing	2	3	3	40	60	25	25	150
3	67053	Advance Welding -1	2	6	4	40	60	50	50	200
4	67054	CAD & CAM	1	6	3	20	30	50	50	150
5	67055	Manufacturing Process	3	0	3	60	90	0	0	150
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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**MECHANICAL TECHNOLOGY**  
**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	67061	Thermodynamics & Heat Engine	3	3	4	60	90	25	25	200
2	67062	Mechanical Measurement & Metrology	2	3	3	40	60	25	25	150
3	67063	Plant Engineering	2	3	3	40	60	25	25	150
4	67064	Strength of Materials	3	3	4	60	90	25	25	200
5	67065	Advance Welding -2	2	3	3	40	60	25	25	150
6	65852	Industrial Management	2	0	2	40	60	-	-	100
Total			14	18	19	280	420	125	125	950

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**MECHANICAL TECHNOLOGY (670)**  
**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	
1	67071	Design of Machine Elements	3	3	4	60	90	25	25	200
2	67072	Tool Design	2	3	3	40	60	25	25	150
3	67073	Heat Treatment of Metal	2	3	3	40	60	25	25	150
4	67074	Mechanical Engineering Project	0	6	2	0	0	50	50	100
5	67075	Production Planning & Control	3	0	3	60	90	0	0	150
6	67076	Mechatronics & PLC	3	3	4	60	90	25	25	200
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			15	18	21	300	450	150	150	1050