DIPLOMA IN ENGINEERING
PROBIDHAN-2016

Mechatronics Technology   1st Semester

Sl. No	Subject Code	Name of the subject	T	P	C	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	25	25	200
3	65712	English	2	0	2	40	60	0	0	100
4	65811	Social Science	3	0	3	60	90	0	0	150
5	65911	Mathematics-1	3	3	4	60	90	25	25	200
6	65912	Physics-1	3	3	4	60	90	25	25	200
7	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
		Total	17	18	23	340	510	150	150	1150

MECHATRONICS TECHNOLOGY (692)

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	65722	Communicative English	1	3	2	20	30	50	0	100
2	65922	Physics -2	3	3	4	60	90	25	25	200
3	65921	Mathematics -2	3	3	4	60	90	50	0	200
4	67011	Basic Workshop Practice	0	6	2	0	0	50	50	100
5	66822	Electronics Engineering Fundamentals	2	3	3	40	60	25	25	150
6	67021	Advanced Mechanical Engineering Drawing	0	6	2	0	0	50	50	100
7	67022	Machine shop Practice -1	1	6	3	20	30	50	50	150
		Total	**10**	**30**	**20**	**200**	**300**	**300**	**200**	**1000**

MECHATRONICS TECHNOLOGY (692)

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 & Circuits	3	3	4	60	90	25	25	200
2	65931	Mathematics -3	3	3	4	60	90	50	0	200
3	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
4	69231	Mechatronics Workshop	1	6	3	20	30	50	50	150
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	67031	Machine Shop Practice -2	1	6	3	20	30	50	50	150
7	66611	Computer Application	0	6	2	0	0	50	50	100
		Total	**11**	**30**	**21**	**220**	**330**	**275**	**225**	**1050**

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

MECHATRONICS TECHNOLOGY (692)

4th SEMESTER

| Sl. No | Subject Code | Name of the subject | T | P | C | Theory | | Practical | | Total |
						Cont. assess	Final exam	Cont. assess	Final exam	
1	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
2	67055	Manufacturing process	3	0	3	60	90	0	0	150
3	66631	Programming Essentials	2	3	3	40	60	25	25	150
4	66743	Electrical Circuits & Machines	3	3	4	60	90	25	25	200
5	66834	Digital Electronics	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	18	12	22	360	540	100	100	1100

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

MECHATRONICS TECHNOLOGY (692)

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	69251	Mechatronics System Design	3	3	4	60	90	25	25	200
2	66657	Computing Interfacing Techniques	2	3	3	40	60	25	25	150
3	66845	Industrial Electronics	2	3	3	40	60	25	25	150
4	67054	CAD & CAM	1	6	3	20	30	50	50	150
5	67131	Engineering Thermodynamics	3	3	4	60	90	25	25	200
6	65851	Accounting Theory & Practice	2	3	3	40	60	50	0	150
Total			13	21	20	260	390	200	150	1000

MECHATRONICS TECHNOLOGY
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	69261	Instrumentation & Computer Control	2	3	3	40	60	25	25	150
2	67064	Strength of Materials	3	3	4	60	90	25	25	200
3	69262	Electro- mechanical Engineering	2	3	3	40	60	25	25	150
4	67162	Fluid Mechanics & Machineries	3	3	4	60	90	25	25	200
5	69263	Robotic Systems & Peripherals	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**

MECHATRONICS TECHNOLOGY (692)
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	69271	Programmable Logic Controller	2	3	3	40	60	25	25	150
2	69272	Mechatronics Engineering Project	0	6	2	0	0	50	50	100
3	69273	Automatic Control Systems & Industrial Robot	3	3	4	60	90	25	25	200
4	69274	Microcontroller Principles & Applications	2	3	3	40	60	25	25	150
5	66867	Communication Engineering	2	3	3	40	60	25	25	150
6	67071	Design of Machine Elements	3	3	4	60	90	25	25	200
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
		Total	**14**	**21**	**21**	**280**	**420**	**175**	**175**	**1050**