

COMPUTER TECHNOLOGY (66)
FIRST 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	1011	Engineering Drawing	0	6	2	-	-	50	50	100
2	5712	English -1	2	0	2	20	80	-	-	100
3	5911	Mathematics-1	3	3	4	30	120	50	-	200
4	5913	Chemistry	3	3	4	30	120	25	25	200
5	6611	Computer Fundamental	2	3	3	20	80	25	25	150
6	6711	Basic Electricity	3	3	4	30	120	25	25	200
7	6811	Basic Electronics	2	3	3	20	80	25	25	150
		Total	15	21	22	150	600	200	150	1100

COMPUTER TECHNOLOGY (66)
SECOND 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	5722	English -2	2	2	3	20	80	50	-	150
2	5812	Physical Education & Life Skill Development	0	2	1	-	-	25	25	50
3	5912	Physics-1	3	3	4	30	120	25	25	200
4	5921	Mathematics -2	3	3	4	30	120	50	-	200
5.	6621	Computer Application -1	0	6	2	-	-	50	50	100
6		Bangla	2	2	3	20	80	50	-	150
7.	6821	Electronic Device & Circuits -1	3	3	4	30	120	25	25	200
8	7011	Basic Workshop practice	0	6	2	-	-	50	50	100
		Total	13	27	23	130	520	325	175	1150

COMPUTER TECHNOLOGY (66)
THIRD 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	6622	Programming Language-I	2	3	3	20	80	25	25	150
2	6632	Computer Application-II	0	6	2	-	-	50	50	100
3	6841	Digital Electronics-1	3	3	4	30	120	25	25	200
4	6832	Industrial Electronics	2	3	3	20	80	25	25	150
5	5931	Mathematics-III	3	3	4	30	120	50	-	200
6	5922	Physics-2	3	3	4	30	120	25	25	200
7	5811	Social Science-1	2	0	2	20	80	-	-	100
		Total	15	21	22					1100

COMPUTER TECHNOLOGY (66)
FOURTH 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.	6642	Programming Language-2	2	6	4	20	80	50	50	200
2.	6645	CAD & Graphic Design	0	6	2	-	-	50	50	100
3.	6844	Digital Electronics-2	3	3	4	30	120	25	25	200
4	6631	Data Structure & Algorithm	2	3	3	20	80	25	25	150
5.	6745	Electrical Circuits & Machines	2	3	3	20	80	25	25	150
6.	5942	Discrete Mathematics	2	0	2	20	80	-	-	100
7.	5821	Social Science-II	2	0	2	20	80	-	-	100
		Total	14	21	20					1000

COMPUTER TECHNOLOGY (66)
FIFTH 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.	6651	Microprocessor and Microcomputer-1	3	3	4	30	120	25	25	200
2.	6652	Computer Architecture	3	3	4	30	120	25	25	200
3.	6653	Programming Language-3	2	6	4	20	80	50	50	200
4.	6654	Database Management System	2	6	4	20	80	50	50	200
5.	8551	Web Design	0	6	2	0	0	50	50	100
6.	5851	Book Keeping & Accounting	2	0	2	20	80	0	0	100
7.	5840	Environmental Management	2	0	2	20	80	0	0	100
Total			14	24	22	140	560	200	200	1100

COMPUTER TECHNOLOGY (66)
SIXTH 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.	6661	Microprocessor and Microcomputer-2	3	3	4	30	120	25	25	200
2.	6662	Computer Peripherals	3	3	4	30	120	25	25	200
3.	6663	Data Communication and Computer Network-1	2	6	4	20	80	50	50	200
4.	6664	Computer System Software	2	3	3	20	80	25	25	150
5.	6665	Computer Servicing	0	6	2	0	0	50	50	100
6.	8563	Web Development	0	6	2	0	0	50	50	100
7.	5841	Business organization & Communication	2	0	2	20	80	0	0	100
Total			12	27	21	120	480	225	225	1050

ELECTRICAL TECHNOLOGY (67)

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	1011	Engineering. Drawing	0	6	2	-	-	50	50	100
2	1012	Engineering. Materials	2	3	3	20	80	25	25	150
3	5712	English-1	2	0	2	20	80	-	-	100
4	5812	Physical Education.& Life Skill Development	0	2	1	-	-	25	25	50
5	5911	Mathematics-1	3	3	4	30	120	50	-	200
6	5913	Chemistry	3	3	4	30	120	25	25	200
7	6711	Basic Electricity	3	3	4	30	120	25	25	200
Total			13	22	20	130	520	200	150	1000

ELECTRICAL TECHNOLOGY (67)

2nd 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	5722	English-2	2	2	3	20	80	50	-	150
2	5912	Physics-1	3	3	4	30	120	25	25	200
3	5921	Mathematics-2	3	3	4	30	120	50	-	200
4	6621	Computer Application-1	0	6	2	-	-	50	50	100
5	6721	Electrical Circuit-1	3	3	4	30	120	25	25	200
6	6722	Advanced Electricity	3	3	4	30	120	25	25	200
7	7011	Basic Workshop Practice	0	6	2	-	-	50	50	100
Total			14	26	23	140	560	275	175	1150

ELECTRICAL TECHNOLOGY (67)

3rd 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	6731	Electrical Circuit -2	3	3	4	30	120	25	25	200
2	6811	Basic Electronics	2	3	3	20	80	25	25	150
3	6632	Computer Application -2	0	6	2	-	-	50	50	100
4	5931	Mathematics-3	3	3	4	30	120	50	-	200
5	5922	Physic-2	3	3	4	30	120	25	25	200
6	5711	Bangla	2	2	3	20	80	50	-	150
7	5811	Social Science-1	2	0	2	20	80	-	-	100
Total			15	18	22					1100

ELECTRICAL TECHNOLOGY (67)

4th 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	6741	Electrical Appliances	2	6	4	20	80	50	50	200
2	6742	Elec. Installation, Planning & Estimating	2	6	4	20	80	50	50	200
3	6845	Adv. Electronics	3	3	4	30	120	25	25	200
4	5941	Applied Mathematics	3	3	4	30	120	25	25	200
5	6743	Electrical Engineering Drawing	0	6	2	0	0	50	50	100
6	5841	Business organization & Communication	2	0	2	20	80	0	0	100
7	5821	Social Science-2	2	0	2	20	80	0	0	100
Total			14	24	22					1100

ELECTRICAL TECHNOLOGY (67)

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	6751	Generation of Electrical Energy	3	3	4	30	120	25	25	200
2	6752	DC Machine	3	3	4	30	120	25	25	200
3	6753	Electrical and Electronic Measurements-1	2	3	3	20	80	25	25	150
4	6855	Industrial Power Electronics	2	3	3	20	80	25	25	150
5	7043	Applied Mechanics	2	3	3	20	80	25	25	150
6	7046	Hydraulics & Hydraulic Machinery	3	3	4	30	120	25	25	200
7	5851	Book keeping and Accounting	2	0	2	20	80	0	0	100
Total			17	18	23	170	680	150	150	1150

ELECTRICAL TECHNOLOGY (67)

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	6761	A.C Machine-1	3	3	4	30	120	25	25	200
2	6762	Electrical and Electronic Measurements -2	3	3	4	30	120	25	25	200
3	6763	Transmission and Distribution of Electrical Energy-1	3	3	4	30	120	25	25	200
4	6866	Digital Electronics & Microprocessors.	3	3	4	30	120	25	25	200
5	5840	Environmental Management	2	0	2	20	80	0	0	100
6	5852	Industrial Management	2	0	2	20	80	0	0	100
7	6867	Communication Engineering	3	3	4	30	120	25	25	200
Total			19	15	24					1200

ELECTRICAL TECHNOLOGY (67)

7th 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	6771	A.C Machine-2	3	3	4	30	120	25	25	200
2	6772	Electrical Engineering project	0	6	2	-	-	50	50	100
3	6773	Switch gear & Protection	3	3	4	30	120	25	25	200
4	6774	Transmission and Distribution of Electrical Energy-2	3	3	4	30	120	25	25	200
5	6877	Instrumentation and process control	3	3	4	30	120	25	25	200
6	66	Computer Programming Language	2	3	3	20	80	25	25	150
7	5853	Entrepreneurship	2	0	2	20	80	-	-	100
Total			19	15	23					1150

ELECTRICAL TECHNOLOGY (67)

8th Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
2.	6781	Industrial Training	0	0	6	0	0	150	150	300
Total					6					300

4-YEAR DIPLOMA-IN-ENGINEERING PROGRAM

ELECTRONICS TECHNOLOGY (68)

FRIST 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	1011	Engineering drawing	0	6	2	-	-	50	50	100
2	5711	Bangla	2	2	3	20	80	50	-	150
3	5911	Mathematics -I	3	3	4	30	120	50	-	200
4	5913	Chemistry	3	3	4	30	120	25	25	200
5	6711	Basic Electricity	3	3	4	30	120	25	25	200
6	6811	Basic Electronics	2	3	3	20	80	25	25	150
7	7011	Basic Workshop Practice	0	6	2	-	-	50	50	100
Total			13	27	22	130	520	275	175	1100

ELECTRONICS TECHNOLOGY (68)

SECOND 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	1012	Engendering materials	2	3	3	20	80	25	25	150
2	5712	English-1	2	0	2	20	80	-	-	100
3	5812	Physical Education & Life Skill Development	0	2	1	-	-	25	25	50
4	5912	Physics -1	3	3	4	30	120	25	25	200
5	5921	Mathematics -2	3	3	4	30	120	50	-	200
6	6723	Electrical Engineering-I	3	3	4	30	120	25	25	200
7	6821	Electronic Devices & circuits-1	3	3	4	30	120	25	25	200
Total			16	17	22	160	640	175	125	1100

ELECTRONICS TECHNOLOGY (68)

THIRD SEMESTER

SL N O	Subject Code	Name of the subjects	T	P	C	Marks				
						Theory		Practical		Total
						Cont. Assess	Final Exam	Cont. Assess	Final Exam	
1	6831	Electronic Devices and Circuits - II	3	3	4	30	120	25	25	200
2	6732	Electrical Engineering-II	3	3	4	30	120	25	25	200
3	6621	Computer Application - I	0	6	2	-	-	50	50	100
4	5931	Mathematics-III	3	3	4	30	120	50	-	200
5	5922	Physics - II	3	3	4	30	120	25	25	200
6	5722	English - II	2	2	3	20	80	50	-	150
7	5811	Social Science - I	2	0	2	20	80	-	-	100
Total			15	20	23					1150

ELECTRONICS TECHNOLOGY (68)

FOURTH SEMESTER

SL N O	Subject Code	Name of the subjects	T	P	C	Marks				
						Theory		Practical		Total
						Cont. Assess	Final Exam	Cont. Assess	Final Exam	
1	6841	Digital Electronics - I	3	3	4	30	120	25	25	200
2	6840	Industrial Power Electronics	3	3	4	30	120	25	25	200
3	6843	Networks Filters and Transmission Lines	3	3	4	30	120	25	25	200
4	6842	Communication Engineering - I	3	3	4	30	120	25	25	200
5	6632	Computer Application- II	0	6	2	-	-	50	50	100
6	5821	Social Science - II	2	0	2	20	80	-	-	100
7	5841	Business Organization & Communication	2	0	2	20	80	-	-	100
Total			17	18	23					1100

ELECTRONICS TECHNOLOGY (68)

FIFTH SEMESTER

SL N O	Subject Code	Name of the subjects	T	P	C	Marks				
						Theory		Practical		Total
						Cont. Assess	Final Exam	Cont. Assess	Final Exam	
1.	6851	Television Engineering-I	3	3	4	30	120	25	25	200
2	6852	Electronic Measurements & Measuring Instruments-I	2	6	4	20	80	50	50	200
3	6853	Communication Engineering – II	3	3	4	30	120	25	25	200
4	6854	Electronic Computer Aided Design (ECAD)	0	6	2	0	0	50	50	100
5	6844	Digital Electronics - II	3	3	4	30	120	25	25	200
6	6659	Programming in C	2	3	3	20	80	25	25	150
7	5851	Book keeping & Accounting	2	0	2	20	80	00	0	100
Total			15	24	23	150	600	200	200	1150

ELECTRONICS TECHNOLOGY (68)

SIXTH SEMESTER

SL N O	Subject Code	Name of the subjects	T	P	C	Marks				
						Theory		Practical		Total
						Cont. Assess	Final Exam	Cont. Assess	Final Exam	
1.	6861	Electronic Measurements & Measuring Instruments -II	3	3	4	30	120	25	25	200
2	6862	Television Engineering-II	2	6	4	20	80	25	25	200
3	6863	Instrumentation & Process Control	3	3	4	30	120	25	25	200
4	6864	Electronic Servicing	0	6	2	00	00	50	50	100
5	6865	Microprocessors & Applications	3	3	4	30	120	25	25	200
6	5840	Environmental Management	2	0	2	20	80	00	00	100
7	5852	Industrial Management	2	0	2	20	80	00	00	100
Total			15	21	22	150	600	150	150	1100