

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

Computer Technology

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	65711	Bangla	3	3	4	60	90	50	-	200
2	65712	English	2	0	2	40	60	-	-	100
3	65812	Physical Education & Life Skill Development	0	3	1	-	-	25	25	50
4	65911	Mathematics-I	3	3	4	60	90	50	-	200
5	65912	Physics-I	3	3	4	60	90	25	25	200
6	66611	Computer Application	0	6	2	-	-	50	50	100
7	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
Total			14	21	21	280	420	225	125	1050

DIPLOMA IN ENGINEERING
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COMPUTER TECHNOLOGY (666)

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	66621	Database Application	0	6	2	-	-	50	50	100
2	66622	IT support System-I	0	6	2	-	-	50	50	100
3	66623	Graphics Design-I	0	6	2	-	-	50	50	100
4	66823	Analog Electronics	3	3	4	60	90	25	25	200
5	65921	Mathematics-2	3	3	4	60	90	50	-	200
6	65922	Physics-2	3	3	4	60	90	25	25	200
7	65722	Communicative English	1	3	2	20	30	50	00	100
Total			10	30	20	200	300	300	200	1000

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

COMPUTER TECHNOLOGY (666)

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	66631	Programming Essentials	2	3	3	40	60	25	25	150
2	66632	Web Design	0	6	2	-	-	50	50	100
3	66633	Graphics design-II	0	6	2	-	-	50	50	100
4	66634	IT support-II	0	6	2	-	-	50	50	100
5	65931	Mathematics-3	3	3	4	60	90	50	-	200
6	65913	Chemistry	3	3	4	60	90	25	25	200
7	65811	Social Science	3	0	3	60	90	-	-	150
Total			11	27	20	220	330	250	200	1000

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PROBIDHAN-2016

COMPUTER TECHNOLOGY (666)

Sl. No.	Subject Code	Name of the Subject	T P C			Marks				
						Theory		Practical		Total
						Cont. Assess	Final Exam	Cont. Assess	Final Exam	
1	66641	Object Oriented Programming	2	3	3	40	60	25	25	150
2	66642	Data Structure & Algorithm	2	3	3	40	60	25	25	150
3	66643	Web Development	0	6	2	-	-	50	50	100
4	66644	Data Communication System	2	6	4	40	60	50	50	200
5	66645	Computer Peripherals	1	6	3	20	30	50	50	150
6	66842	Principle of Digital Electronics	3	3	4	60	90	25	25	200
7	65841	Business Organization & Communication	2	0	2	40	60	-	-	100
7										
Total			12	27	21	240	360	225	225	1050

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

COMPUTER TECHNOLOGY (666)
5th 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	66651	Programming in Java	2	3	3	40	60	25	25	150
2	66652	Surveillance Security System	1	6	3	20	30	50	50	150
3	66653	Sequential Logic System	3	3	4	60	90	25	25	200
4	66654	Web Development Project	0	6	2	-	-	50	50	100
5	66655	PCB Design & Circuit Making	0	6	2	-	-	50	50	100
6	68546	Operating System application	2	3	3	40	60	25	25	150
7	65851	Accounting Theory & Practice	2	3	3	40	60	50	-	150
Total			10	30	20	200	300	275	225	1000

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

COMPUTER TECHNOLOGY

6th 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	66661	Principals of Software Engineering	2	6	4	40	60	50	50	200
2	66662	Microprocessor & Interfacing	2	3	3	40	60	25	25	150
3	66663	Microcontroller Application	0	6	2	-	-	50	50	100
4	66664	Database Management System	2	3	3	40	60	25	25	150
*5	6666X	Optional Subject -1	2	3	3	40	60	25	25	150
6	69054	Environmental Studies	2	0	2	40	60	-	-	100
7	65852	Industrial Management	2	0	2	40	60	-	-	100
Total			12	21	19	240	360	175	175	950

*** 6666X Optional Subjects-I**

Group	Subject code	Subject Name
Network Maintenance Group	66665	Network & Data Center Operation
Automation System Group	66666	PLC Automation System
Software Developer Group	66667	Web Mastering
Multimedia Developer Group	66668	Multimedia & Animation

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COMPUTER TECHNOLOGY (666)

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	66671	System Analysis & Design	2	3	3	40	60	25	25	150
2	66672	Network Administration & Services	2	6	4	40	60	50	50	200
3	66673	Apps Development Project	0	6	2	-	-	50	50	100
4	66674	E-Commerce & CMS	2	6	4	40	60	50	50	200
5	66675	Cyber Security & Ethics	1	3	2	20	30	25	25	100
6	6667X	Optional Subject-II	2	3	3	40	60	25	25	150
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	-	-	100
Total			11	27	20	220	330	225	225	1000

Optional Subject-II (6667x)

1.	Network Maintenance Group	Option-II 66676	Network Security System
2.	Automation System Group	Option-II 66677	Embedded System Design
3.	Software Developer Group	Option-II 66678	Advanced Database Management System
4.	Multimedia Developer Group	Option-II 66679	Game Development