

DIPLOMA IN ENGINEERING
PROBIDHAN-2016

TELECOMMUNICATION TECHNOLOGY (694)

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	69411	Telecommunication System Basics	3	3	4	60	90	25	25	200
2	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
3	65911	Mathematics-1	3	3	4	60	90	50	0	200
4	65913	Chemistry	3	3	4	60	90	25	25	200
5	65811	Social Science	3	0	3	60	90	0	0	150
6	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
Total			15	15	20	300	450	150	100	1000

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	69421	Telecommunication Fundamentals	3	3	4	60	90	25	25	200
2	66611	Computer Application	0	6	2	0	0	50	50	100
3	65921	Mathematics-2	3	3	4	60	90	50	0	200
4	65912	Physics-1	3	3	4	60	90	25	25	200
5	65712	English	2	0	2	40	60	0	0	100
6	65711	Bangla	3	3	4	60	90	50	0	200
7	61011	Engineering Drawing	0	6	2	0	0	50	50	100
Total			14	24	22	280	420	250	150	1100

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	69431	Telecom Workshop Practice	1	3	2	20	30	25	25	100
2	69432	Outside Plant	1	3	2	20	30	25	25	100
3	66621	Database Application	0	6	2	0	0	50	50	100
4	66823	Analog Electronics	3	3	4	60	90	25	25	200
5	65931	Mathematics-3	3	3	4	60	90	25	25	200
6	65922	Physics-2	3	3	4	60	90	25	25	200
7	65722	Communicative English	1	3	2	20	30	25	25	100
Total			12	24	20	240	360	200	200	1000

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	66841	Networks, Filters & Transmission Lines	3	3	4	60	90	25	25	200
2	69441	Television Transmission and Reception	3	3	4	60	90	25	25	200
3	66834	Digital Electronics	2	3	3	40	60	25	25	150
4	66631	Programming Essentials	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	15	20	300	450	125	125	1000

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	69451	Digital Communication	3	3	4	60	90	25	25	200
2	69452	Telecom Measuring and Equipments Testing	3	3	4	60	90	25	25	200
3	69453	Wave Propagation and RADAR	3	3	4	60	90	25	25	200
4	69454	Web Page Design and Development	1	6	3	20	30	50	50	150
5	69054	Environmental Studies	2	0	2	40	60	0	0	100
6	65851	Accounting Theory & Practice	2	3	3	40	60	25	25	150
Total			14	18	20	280	420	150	150	1000

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	66644	Data Communication System	2	6	4	40	60	50	50	200
2	69461	Fiber Optic Communications	3	3	4	60	90	25	25	200
3	69462	Wireless Communication & Networking	3	3	4	60	90	25	25	200
4	69463	Microprocessor and Microcontroller	3	3	4	60	90	25	25	200
5	66866	Microwave and Antennas	2	3	3	40	60	25	25	150
6	65852	Industrial Management	2	0	2	40	60	0	0	100
Total			13	18	19	260	450	150	150	950

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	69471	Satellite Communication	2	3	3	40	60	25	25	150
2	68451	Mobile Communication System	3	3	4	60	90	25	25	200
3	69473	Network Planning and Management	2	3	3	40	60	25	25	150
4	69474	Project Design & Development	0	6	2	0	0	50	50	100
5	69475	Multimedia Application	1	3	2	20	30	25	25	100
6	69472	Telephony and Switching System	3	3	4	60	90	25	25	200
7	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			13	21	20	260	390	175	175	1000

8th 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	69481	Telecommunication Technology Industrial Training	0	0	6	0	0	150	0	300
		Graduation Project Presentation				0	0	0	150	
Total			0	0	6	0	0	150	150	300

Sl	Category	Credits	%
1	Core Engineering	86	58.1
2	Related Engineering	17	11.5
3	Science & Math	24	16.2
4	Social Skill	21	14.2
Total		148	100