

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

Chemical Technology

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	61011	Engineering Drawing	0	6	2	0	0	50	50	100
2	65711	Bangla	3	3	4	60	90	50	0	200
3	65712	English	2	0	2	40	60	0	0	100
4	65911	Mathematics -1	3	3	4	60	90	50	0	200
5	65913	Chemistry	3	3	4	60	90	25	25	200
6	66311	Chemical Engineering Fundamentals	2	3	3	40	60	25	25	150
7	67011	Basic Workshop Practice	0	6	2	0	0	50	50	100
Total			13	24	21	260	390	250	150	1050

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CHEMICAL TECHNOLOGY (663)

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	65811	Social Science	3	0	3	60	90	0	0	150
2	65722	Communicative English	1	3	2	20	30	50	0	100
3	65912	Physics -1	3	3	4	60	90	25	25	200
4	65921	Mathematics -2	3	3	4	60	90	50	0	200
5	66611	Computer Application	0	6	2	0	0	50	50	100
6	66321	Basic Stoichiometry	1	3	2	20	30	25	25	100
7	66322	Safety in Chemical Industry	1	3	2	20	30	25	25	100
Total			12	21	19	240	360	225	125	950

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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	65931	Mathematics -3	3	3	4	60	90	50	0	200
2	65922	Physics-2	3	3	4	60	90	25	25	200
3	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
4	66822	Electronic Engineering Fundamentals	2	3	3	40	60	25	25	150
5	66712	Electrical Engineering Fundamentals	3	3	4	60	90	25	25	200
6	66331	Chemical Engineering Operation-1	2	3	3	40	60	25	25	150
7	66332	Chemical Engineering Materials	2	3	3	40	60	25	25	150
Total			15	21	22	300	450	200	150	1100

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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	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
2	66341	Chemical Engineering Operation-2	2	3	3	40	60	25	25	150
3	66342	Chemical process Industries-1	2	3	3	40	60	25	25	150
4	66343	Industrial Chemistry	2	3	3	40	60	25	25	150
5	66344	Oil, Fats & Waxes	1	3	2	20	30	25	25	100
6	66345	Analytical Chemistry	2	3	3	40	60	25	25	150
7	66346	Basic Production Engineering	2	3	3	40	60	25	25	150
Total			13	18	19	260	390	150	150	950

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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	66351	Chemical Engineering Operation -III	2	3	3	40	60	25	25	150
2	66352	Chemical Process Industries-II	2	3	3	40	60	25	25	150
3	66353	Refrigeration & Cold Storage	2	3	3	40	60	25	25	150
4	66354	Industrial Instrumentation & Process Control	2	3	3	40	60	25	25	150
5	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
6	65851	Accounting Theory & Practice	2	3	3	40	60	50	0	150
7	69054	Environmental Studies	2	0	2	40	60	0	0	100
Total			15	18	21	300	450	175	125	1050

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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	65852	Industrial Management	2	0	2	40	60	0	0	100
2	66361	Chemical Engineering Operation -4	2	3	3	40	60	25	25	150
3	66362	Chemical Process Industries -3	2	3	3	40	60	25	25	150
4	66363	Industrial Stoichiometry & Thermodynamics	3	3	4	60	90	25	25	200
5	66364	Instrumental Methods of Analysis	2	3	3	40	60	25	25	150
6	66365	Petroleum and Petrochemicals	2	3	3	40	60	25	25	150
7	66366	Jute and Textile Industries	2	3	3	40	60	25	25	150
Total			15	18	21	300	450	150	150	1050

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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	66371	Chemical Engineering Operation -5	3	3	4	60	90	25	25	200
2	66372	Chemical Process Industries -4	2	3	3	40	60	25	25	150
3	66373	Natural Gas & Fertilizer	2	3	3	40	60	25	25	150
4	66374	Corrosion Technology	2	3	3	40	60	25	25	150
5	66375	Plastic and Polymer Technology	2	3	3	40	60	25	25	150
6	66376	Chemical Engineering Project	0	6	2	0	0	50	50	100
7	66853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			13	21	20	260	390	170	170	1000