

APPENDIX -B
SCHEME OF EXAMINATION FOR
B. TECH. (Chemical Technology)
THIRD SEMESTER B.TECH (CHEMICAL TECHNOLOGY)

Sr. No.	Code Theory (T) Practical (P)	Subject	Board	Work Load (Hours).				Credit				MARKS				Total Marks
				L	P	T	Total	L	P	T	Total	Theory		Practical		
												College Assessment	University	College Assessment	University	
1.	BTCHT 301T	Chemical Process Calculations	BCHT	3	-	1	4	3	-	1	4	20	80	-	-	100
2.	BTCHT 302T	Organic Process Technology	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
3.	BTCHT 303T	Engineering Mathematics-III	BGE	4	-	1	5	4	-	1	5	20	80	-	-	100
4.	BTCHT 304T	Electronics & Instrumentation	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
5.	BTCHT 305T	*Special Technology I	BCHT	3		1	4	3	-	1	4	20	80	-	-	100
6.	BTCHT 306P	Organic Process Technology	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
7.	BTCHT 307P	Electronics & Instrumentation	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
8.	BTCHT 308P	*Special Technology I	BCHT	-	3	-	3	-	2	-	2	-	-	25	25	50
Total				16	9	3	28	16	6	3	25	100	400	75	75	650

* Special Technology I

- Food Technology
- Technology of Oils, Fats and Surfactants
- Petroleum Refining and Petrochemical Technology
- Pulp & Paper Technology
- Plastics & Polymer Technology
- Surface Coating Technology

**SCHEME OF EXAMINATION FOR
B. TECH. (Chemical Technology)
FOURTH SEMESTER B.TECH (CHEMICAL TECHNOLOGY)**

Sr. No.	Code Theory (T) Practical (P)	Subject	Board	Work Load (Hours)				Credit				MARKS				Total Marks
				L	P	T	Total	L	P	T	Total	Theory		Practical		
												College Assessment	University	College Assessment	University	
1.	BTCHT 401T	Strength of Materials	BGE	3	-	1	4	3	-	-	4	20	80	-	-	100
2.	BTCHT 402T	Applied Physical Chemistry II	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
3.	BTCHT 403T	Numerical Methods & Computer Programming	BGE	3	-	1	4	3	-	1	4	20	80	-	-	100
4.	BTCHT 404T	Inorganic Process Technology	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
5.	BTCHT 405T	*Special Technology II	BCHT	3	-	1	4	3	-	1	4	20	80	-	-	100
6.	BTCHT 406P	Numerical Methods & Computer Programming	BGE	-	2	-	2	-	1	-	1	-	-	25	25	50
7.	BTCHT 407P	Inorganic Process Technology	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
8.	BTCHT 408P	Machine Drawing	BGE	-	3	-	3	-	3	-	3	-	-	25	25	50
9.	BTCHT 409P	Applied Physical Chemistry II	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
Total				15	11	3	29	15	8	2	26	100	400	100	100	700

* Special Technology -II

- Food Technology
- Technology of Oils, Fats and Surfactants
- Petroleum Refining and Petrochemical Technology
- Pulp & Paper Technology
- Plastics & Polymer Technology
- Surface Coating Technology

Scheme of Absorption for Old Pattern to Semester Pattern of Second Year B. Tech. (Chemical Technology)						
As Per RashtrasantukadojiMaharaj Nagpur University (Old Pattern)				As Per RashtrasantukadojiMaharaj Nagpur University Credit Based Semester Pattern Scheme		
Third Semester B. Tech (Chemical Technology)				Third Semester B. Tech (Chemical Technology)		
Sr. No	Sub Code Theory/ Practical	Subject	Theory Practical	Sub Code Theory/ Practical	Subject	Theory Practical
1	3S.CT.1	Inorganic Chemical Process Industries	Theory	---	-----	---
2	3S.CT.2	Process Calculations	Theory	BTCHT 301T	Chemical Process Calculations	Theory
3	3S.CT.3	Special Technology II	Theory	---	-----	---
4	3S.CT.4	Applied Mathematics II	Theory	BTCHT 303T	Engineering Mathematics-III	Theory
5	3S.CT.5	Electronics and Instrumentation	Theory	BTCHT 304T	Electronics & Instrumentation	Theory
6	3S.CT.6	Inorganic Chemical Technology	Practical	---	-----	---
7	3S.CT.7	Electronics and Instrumentation	Practical	BTCHT 307P	Electronics & Instrumentation	Practical
8	3S.CT.8	Special Technology I	Practical	BTCHT 308P	Special Technology I	Practical
9	---	-----	---	BTCHT 302T	Organic Process Technology	Theory
10	CT08	Special Technology I	Theory	BTCHT 305T	Special Technology I	Theory
11	---	-----	---	BTCHT 306P	Organic Process Technology	Practical

Scheme of Absorption for Old Pattern to Semester Pattern of Second Year B. Tech. (Chemical Technology)						
As Per RashtrasantukadojiMaharaj Nagpur University (Old Pattern)				As Per RashtrasantukadojiMaharaj Nagpur University Credit Based Semester Pattern Scheme		
Fourth Semester B. Tech (Chemical Technology)				Fourth Semester B. Tech (Chemical Technology)		
Sr. No	Sub Code Theory/ Practical	Subject	Theory Practical	Sub Code Theory/ Practical	Subject	Theory Practical
1	4S.CT.1	Strength of Materials	Theory	BTCHT 401T	Strength of Materials	Theory
2	4S.CT.2	Plant Utilities	Theory	---	----	---
3	4S.CT.3	Electrical Technology	Theory	---	----	---
4	4S.CT.4	Computer Applications	Theory	BTCHT 403T	Numerical Methods & Computer Programming	Theory
5	4S.CT.5	Applied Physical Chemistry II	Theory	BTCHT 402T	Applied Physical Chemistry II	Theory
6	4S.CT.6	Electrical Technology	Practical	---	----	---
7	4S.CT.7	Machine Drawing	Practical	---	----	---
8	4S.CT.8	Applied Physical Chemistry II	Practical	BTCHT 409P	Applied Physical Chemistry II	Practical
9	---	----	---	BTCHT 404T	Inorganic Process Technology	Theory
10	---	----	---	BTCHT 405T	*Special Technology II	Theory
11	---	----	---	BTCHT 406P	Numerical Methods & Computer Programming	Practical
12	---	----	---	BTCHT 407P	Inorganic Process Technology	Practical
13	---	----	---	BTCHT 408P	Machine Drawing	Practical