

APPENDIX -A
SCHEME OF EXAMINATION FOR
B. TECH. (Chemical Engineering)
THIRD SEMESTER B.TECH (CHEMICAL ENGINEERING)

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.	BTCHE 301T	Strength of Materials	BGE	3	-	1	4	3	-	1	4	20	80	-	-	100
2.	BTCHE 302T	Plant Utilities	BGE	3	-	1	4	3	-	1	4	20	80	-	-	100
3.	BTCHE 303T	Engineering Mathematics-III	BGE	4	-	1	5	4	-	1	5	20	80	-	-	100
4.	BTCHE 304T	Numerical Methods & Computer Programming	BGE	3	-	1	4	3	-	1	4	20	80	-	-	100
5.	BTCHE 305T	Applied Physical Chemistry - II	BGE	3		-	3	3	-	-	3	20	80	-	-	100
6.	BTCHE 306P	Numerical Methods & Computer Programming	BGE	-	2	-	2	-	1	-	1	-	-	25	25	50
7.	BTCHE 307P	Applied Physical Chemistry - II	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
8.	BTCHE 308P	Machine Drawing	BGE	-	3	-	3	-	3	-	3	-	-	25	25	50
Total				16	8	4	28	16	6	4	26	100	400	75	75	650

**SCHEME OF EXAMINATION FOR
B. TECH. (Chemical Engineering)
FOURTH SEMESTER B.TECH (CHEMICAL ENGINEERING)**

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.	BTCHE 401T	Process Calculations	BCHE	3	-	1	4	3	-	1	4	20	80	-	-	100
2.	BTCHE 402T	Electronics & Instrumentation	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
3.	BTCHE 403T	Mechanical Operations	BCHE	3	-	-	3	3	-	-	3	20	80	-	-	100
4.	BTCHE 404T	Inorganic Process Technology	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
5.	BTCHE 405T	Organic Process Technology	BGE	3	-	-	3	3	-	-	3	20	80	-	-	100
6.	BTCHE 406P	Electronics & Instrumentation	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
7.	BTCHE 407P	Mechanical Operations	BCHE	-	3	-	3	-	2	-	2	-	-	25	25	50
8.	BTCHE 408P	Inorganic Process Technology	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
9.	BTCHE 409P	Organic Process Technology	BGE	-	3	-	3	-	2	-	2	-	-	25	25	50
Total				15	12	1	28	15	8	1	24	100	400	100	100	700

Scheme of Absorption for Old Pattern to Semester Pattern of Second Year B. Tech. (Chemical Engineering)						
As Per RashtrasantukadojiMaharaj Nagpur University (Old Pattern)				As Per RashtrasantukadojiMaharaj Nagpur University Credit Based Semester Pattern Scheme		
Third Semester				Third Semester		
Sr. No	Sub Code Theory/ Practical	Subject	Theory Practical	Sub Code Theory/ Practical	Subject	Theory Practical
1	3S.CE.4	Strength of Materials	Theory	BTCHE 301T	Strength of Materials	Theory
2	3S.CE.5	Plant Utilities	Theory	BTCHE 302T	Plant Utilities	Theory
3	3S.CE.2	Applied Mathematics –II	Theory	BTCHE 303T	Engineering Mathematics- III	Theory
4	-----	-----	-----	BTCHE 304T	Numerical Methods & Computer Programming	Theory
5	3S.CE.1	Applied Physical Chemistry - II	Theory	BTCHE 305T	Applied Physical Chemistry - II	Theory
6	-----	-----	-----	BTCHE 306P	Numerical Methods & Computer Programming	Practical
7	3S.CE.6	Applied Physical Chemistry - II	Practical	BTCHE 307P	Applied Physical Chemistry - II	Practical
8	3S.CE.8	Machine Drawing Practice	Practical	BTCHE 308P	Machine Drawing	Practical

Scheme of Absorption for Old Pattern to Semester Pattern of Second Year B. Tech. (Chemical Engineering)						
As Per RashtrasantukadojiMaharaj Nagpur University (Old Pattern)				As Per RashtrasantukadojiMaharaj Nagpur University Credit Based Semester Pattern Scheme		
Fourth Semester				Fourth Semester		
Sr. No	Sub Code Theory/ Practical	Subject	Theory/ Practical	Sub Code Theory/ Practical	Subject	Theory/ Practical
1	4S.CE. 5	Process Calculations	Theory	BTCHE 401T	Process Calculations	Theory
2	4S.CE.2	Electronics & Instrumentation	Theory	BTCHE 402T	Electronics & Instrumentation	Theory
3	4S.CE. 4	Mechanical Operations	Theory	BTCHE 403T	Mechanical Operations	Theory
4	4S.CE.1	Inorganic Chemical Process Industries	Theory	BTCHE 404T	Inorganic Process Technology	Theory
5	-----	-----	Theory	BTCHE 405T	Organic Process Technology	Theory
6	4S.CE.7	Electronics and Instrumentation	Practical	BTCHE 406P	Electronics and Instrumentation	Practical
7	4SCE 8	Mechanical Operations	Practical	BTCHE 407P	Mechanical Operations	Practical
8	4S.CE.6	Inorganic Chemical Technology	Practical	BTCHE 408P	Inorganic Process Technology	Practical
9	-----	-----	-----	BTCHE 409P	Organic Process Technology	Practical