

**SCHEME OF EXAMINATION**  
**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**SEVENTH SEMESTER B. TECH (CHEMICAL TECHNOLOGY)**

Sr. No.	Code	Subject	Board	Work Load Hrs				Credit				Marks				Total Marks	Min. % of Marks Required for Passing
	Theory (T)			L	P	T	Total	L	P	T	Total	Theory		Practical			
	Practical (P)											College Assessment	University	College Assessment	University		
1	CT-PCC-701T	Transport Phenomena	BCE	3	0	1	4	3	0	1	4	30	70	-	-	100	45%
2	CT-PCC-702T	Mass Transfer II	BCE	4	0	1	5	4	0	1	5	30	70	-	-	100	45%
3	CT-CS-703T	*Special Technology- V	BCHT	3	0	0	3	3	0	0	3	30	70	-	-	100	45%
4	CT-CS-704T	*Special Technology- VI	BCHT	3	0	0	3	3	0	0	3	30	70	-	-	100	45%
5	CT-OEL-705T	<sup>s</sup> Open Elective- II	BCE	3	0	0	3	3	0	0	3	30	70	-	-	100	45%
6	CT-CS-706P	*Special Technology- III Lab	BCHT	0	6	0	6	0	3	0	3	-	-	25	25	50	50%
7	CT-PCC-707P	Mass Transfer Lab	BCE	0	3	0	3	0	1.5	0	1.5	-	-	25	25	50	50%
8	CT-CS-708P	Seminar and Summer Internship Evaluation	BCHT	0	3	0	3	0	1.5	0	1.5	-	-	50	-	50	50%
		Total		16	12	2	30	16	6	2	24	150	350	100	50	650	-

<sup>s</sup> Open Electives offered are only for B.Tech Chemical Engineering and B.Tech Chemical Technology (All specialization). Therefore, students B.Tech Chemical Engineering and B.Tech Chemical Technology (All specialization) need not be restricted from opting the open elective courses offered by their own program.

Elective	Subject Name		
	BOARD		
	BCE		
Open Elective II	Nanoscience and Nanotechnology	Optimization of Chemical Processes	Biochemical Engineering

\*Food Technology, \*Oil Technology, \*Petrochemical Technology, \*Pulp and Paper Technology, \*Plastic and Polymer Technology, \*Surface Coating Technology

*Smoday*



**SCHEME OF EXAMINATION**  
**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**EIGHTH SEMESTER B. TECH (CHEMICAL TECHNOLOGY)**

Sr. No.	Code	Subject		Work Load Hrs				Credit				Marks				Total Marks	Min. % of Marks Required for Passing				
	Theory (T)			L	P	T	Total	L	P	T	Total	Theory		Practical							
	Practical (P)											College Assessment		University				College Assessment		University	
1	CT-CS-801P	Industry Internship / Project	Board	L	P	T	Total	L	P	T	Total	College Assessment	University	College Assessment	University	200	50%				
			BCHT	0	6	0	6	0	9	0	9	-	-	100	100	200	50%				
		Total		0	6	0	6	0	9	0	9	-	-	100	100	200	-				

*Smoday*