

**Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Chemical Engineering**

**VI Semester**

**(w.e.f. Jan, 2020)**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	CM601	DC	Mass Transfer -II	70	20	10	30	20	150	2	1	2	4
2.	CM 602	DC	Chemical Reaction Engineering	70	20	10	30	20	150	2	1	2	4
3.	CM 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	CM 604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	CM 605	D Lab	Chemical Process Plant Simulation Lab-II	-	-	-	30	20	50	-	-	6	3
6.	CM 606	O/E Lab	Chemical Process Control Lab	-	-	-	30	20	50	-	-	6	3
7.	CM 607	IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	CM 608	P	Minor Project II	-	-	-	-	50	50	-	-	4	2
9.	Additional Credits <sup>#</sup>	<sup>#</sup> Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.											
			<b>Total</b>	<b>280</b>	<b>80</b>	<b>40</b>	<b>120</b>	<b>130</b>	<b>650</b>	<b>12</b>	<b>2</b>	<b>20</b>	<b>24</b>

Departmental Electives	Open Electives
603 (A) Process Equipment Design-I	604(A) Chemical Process Control
603 (B) Polymer Technology	604(B) Process Optimization Techniques
603(C) Nano Technology	604(C) Fertilizer Technology

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit