

**Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech) Chemical Engineering (w.e.f. July, 2019)**

**V Semester**

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.	CM-501	DC	Mass Transfer-I	70	20	10	30	20	150	3	-	2	4
2.	CM-502	DC	Heat Transfer	70	20	10	30	20	150	3	-	2	4
3.	CM -503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	CM -504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	CM -505	D Lab	Chemical Process Plant Simulation Lab-I	-	-	-	30	20	50	-	-	4	2
6.	CM -506	O/E Lab	Organic Process Technology Lab	-	-	-	30	20	50	-	-	4	2
7.	CM -507	IN	Evaluation of Internship-II	-	-	-	-	100	100	-	-	6	3
8.		IN	Internship - III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	CM -508	P	Minor Project- I	-	-	-	-	50	50			4	2
10.	Additional Credits <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>230</b>	<b>750</b>	<b>12</b>	<b>1</b>	<b>22</b>	<b>24</b>

Departmental Electives	Open Electives
CM 503 (A) Computation Methods in Chemical Engineering	CM 504 (A) Organic Process Technology
CM 503 (B) Pulp & paper Technology	CM 504 (B) Fuel Cell Technology
CM 503 (C) Pharmaceutical Technology	CM 504 (C) Energy Management

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