

**Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**VIII Semester Bachelor of Technology (B.Tech.) [Mechanical Engineering] (w.e.f. Jan, 2021)**

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.	ME 801	DC	Refrigeration & Air Conditioning	70	20	10	30	20	150	2	1	2	4
2.	ME 802	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	ME 803	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
4.	ME 804	D/O/E Lab	Simulation and Modeling	-	--	-	30	20	50	-	-	6	3
5.	ME 805	P	Major Project-II	-	-	-	70	30	100	-	-	8	4
6.	Additional Credits <sup>#</sup>	<i>#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.</i>											
			<b>Total</b>	<b>210</b>	<b>60</b>	<b>30</b>	<b>130</b>	<b>70</b>	<b>500</b>	<b>8</b>	<b>2</b>	<b>16</b>	<b>18</b>

Departmental Electives	Open Electives
802(A) Automobile Engineering	803(A) Data analytics
802 (B) Tribology & Maintenance Engineering	803(B) Energy Conservation, Management & Audit
802 (C) Machine Tool Design	803(C) Entrepreneurship and Management Concepts
802 (D) Production Planning and Control	803 (D) Management Information System

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