

# Rajiv Gandhi Proudtyogiki Vishwavidyalaya, Bhopal

## New Scheme of Examination as per AICTE Flexible Curricula

### VI Semester Bachelor of Technology (B.Tech.) Robotics & Mechatronics

**(w.e.f. Jan, 2023)**

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.	RM 601	DC	Dynamics of Machines	70	20	10	30	20	150	2	1	2	4
2.	RM602	DC	Non Conventional Machining Processes	70	20	10	30	20	150	2	1	2	4
3.	RM 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	RM 604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	RM 605	D Lab	Robot Programming	-	-	-	30	20	50	-	-	6	3
6.	RM 606	O/E Lab	Soft Computing Techniques Lab	-	-	-	30	20	50	-	-	6	3
7.	RM 607	IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	RM 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.											
			Total	280	80	40	120	130	650	12	2	20	24

Departmental Electives	Open Electives
RM 603 (A) Additive Manufacturing	RM 604 (A) Total Quality Management
RM 603 (B) Automation System Design	RM 604(B) Probability and Statistics
RM 603 (C) Work Study and Ergonomics	RM 604 (C) Introduction to Machine Learning
RM 603 (D) Production Planning and Control	RM 604 (D) Internet of Things

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