Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) Automation & Robotics

VII Semester

(w.e.f. July, 2023

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work / Lab Work & Sessional		L	T	P	
1.	AB 701	DC	Computer Integrated Manufacturing	70	20	10	30	20	150	2	1	2	4
2.	AB 702	DE	Departmental Electives	70	20	10	-	-	100	3	1	-	4
3.	AB 703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	AB 704	D Lab	Materials Handling Lab	-	--	-	30	20	50	-	-	6	3
5.	AB 705	O/E lab	MATLAB and R Programming	-	-	-	30	20	50	-	-	6	3
6.	AB 706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	AB 607		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	Additional Credits#	*#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.*											
			Total	210	60	30	190	210	700	8	2	28	24

Departmental Electives	Open Electives
AB 702 (a) Farm Automation	AB 703 (a) Entrepreneurship Development
AB 702 (b) Totally Integrated Automation	AB 703(b) Industry 4.0
AB 702 (c) Programming for Robot Operating System	AB 703 (c) Data Science using R Programming

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