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

VIII Semester

(w.e.f. Jan, 2024)

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 801	DC	Hydraulic and Pneumatics Engineering	70	20	10	30	20	150	2	1	2	4
2.	AB 802	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	AB 803	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
4.	AB 804	D/O/E Lab	Automation System Design Lab	-	-	-	30	20	50	-	-	6	3
5.	AB 805	P	Major Project-II	-	-	-	70	30	100	-	-	8	4
6.	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	130	70	500	8	2	16	18

Departmental Electives	Open Electives
AB- 802 (a) Tribology & Maintenance Engineering	AB- 803 (a) IPR (Intellectual Property Rights)
AB- 802 (b) Rapid Prototyping & Reverse Engineering	AB- 803 (b) Block Chain Technologies
AB- 802 (c) Advance Machining Process	AB- 803 (c) ERP and Management Information System

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