Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Scheme of Examination as per AICTE Flexible Curricula
IV Semester   **Bachelor of Technology (B.Tech.)**   **[Automation and Robotics Engineering]**

For batches admitted in July, 2020 (w.e.f. Jan, 2022)

S. No.	Subject Code	Category	Subject Name	End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Lab Work & Sessional	Total Marks	L	T	P	Total Credits
				Theory			**Practical**	**Term work**		**Contact Hours per week**			
1.	ES 401	BSC	Energy & Environmental Engineering	70	20	10	-	-	100	3	1	-	4
2.	AB 402	DC	Robotics Engineering	70	20	10	30	20	150	4	0	2	5
3.	AB 403	DC	Industrial Automation	70	20	10	30	20	150	4	0	2	5
4.	AB 404	DC	Machine Drawing & Design	70	20	10	30	20	150	3	0	2	4
5.	AB 405	DC	Materials Technology	70	20	10	30	20	150	3	0	2	4
6.	AB 406	DLC*	CAD/CAM/CIM Lab	-	-	-	30	20	50	-	-	4	2
7.	BT 407	DLC	90 hrs Internship based on using various software's –Internship -II	To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester.									3
			Total	350	100	50	150	100	750	17	1	12	24
8.	BT408	MC	Cyber Security	Non-credit course									
9	BT409I	MC	Indian Knowledge System	Non-credit course									
	NC001		NSS/NCC										

*A minimum of 2hours per week should be allotted for the Virtual Lab along with the slot fixed for the conventional lab classes.

MST: Minimum of two mid semester tests to be conducted.

*Students can earn additional credits from the University recognized MOOC courses.

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