

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

**IV Semester**

**Bachelor of Technology (B.Tech.) [Robotics and Artificial Intelligence]**

**(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					
1.	RA-401	BSC	Introduction to Probability & Statistics	70	20	10	-	-	100	3	1	-	4
2.	RA 402	DC	Robotics Engineering	70	20	10	30	20	150	4	0	2	5
3.	RA 403	DC	Microcontroller and its application	70	20	10	30	20	150	4	0	2	5
4.	RA 404	DC	Introduction to Artificial Intelligence	70	20	10	30	20	150	3	0	2	4
5.	RA 405	DC	Object Oriented Programming & Methodology	70	20	10	30	20	150	3	0	2	4
6.	RA 406	DLC*	Computer Workshop	-	-	-	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