

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

VII Semester

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

w.e.f. July, 2025)

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.	RA701	DC-1	Edge AI and Embedded ML for Robotics	70	20	10	30	20	150	2	1	2	4
2.	RA702	DE	Departmental Elective	70	20	10	-	-	100	3	1		4
3.	RA703	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
4.	RA704	D Lab	Departmental Elective Lab	-	-	-	30	20	50	-	-	6	3
5.	RA705	O/E Lab	Open Elective Lab	-	-	-	30	20	50	-	-	6	3
6.	RA706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	RA607	IN	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
702(A) Generative AI	703(A) Operations Research
702 (B) Soft Computing	703(B) Agile Methodology for Project Development
702 (C) Robot Gripper Design	703(C) Hydraulics and Pneumatics