Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Scheme of Examination as per AICTE Flexible Curricula

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

S.No.	Subject Code	Category	Subject Name	Theory - End Sem.	Theory - Mid Sem. Exam.	Theory - Quiz/ Assignment	Practical - End Sem	Practical - Term work - Lab Work & Sessional	Total Marks	L	T	P	Total Credits
1.	RA-501	DC	Control Systems	70	20	10	30	20	150	3	-	2	4
2.	RA-502	DC	Machine Learning	70	20	10	30	20	150	3	-	2	4
3.	RA-503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	RA-504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	RA-505	D Lab	Skill Development (SQL)	-	-	-	30	20	50	-	-	4	2
6.	RA-506	O/E Lab	Introduction to robot Programming	-	-	-	30	20	50	-	-	4	2
7.	BT-407	IN	Evaluation of Internship-II	-	-	-	-	100	100	-	-	6	3
8.		IN	Internship - III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	RA-508	P	Minor Project- I	-	-	-	-	50	50			4	2
10.	Additional Credits#		*#Additional credits can be earned through successful completion of credit based MOOCs Courses available on SWAYAM platform (MHRD) at respective UG level.*										
			Total	**280**	**80**	**40**	**120**	**230**	**750**	**12**	**1**	**22**	**24**

Departmental Electives	Open Electives
RA 503 (A) Database Management Systems	RA 504 (A) Internet of Things
RA 503 (B) Signal Processing in robotics	RA 504 (B) Drone Technology and Application
RA 503 (C) Robotic Process Automation	RA 504 (C) Speech and Language Processing

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