

## **Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**

**Scheme of Examination as per AICTE Flexible Curricula**

**VI Semester**

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

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.	RA 601	DC	Embedded Systems Design	70	20	10	30	20	150	2	1	2	4		
2.	RA 602	DC	Deep learning	70	20	10	30	20	150	2	1	2	4		
3.	RA 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4		
4.	RA 604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4		
5.	RA 605	D Lab	Data Analytics Lab	-	-	-	30	20	50	-	-	6	3		
6.	RA 606	O/E Lab	Theory of Computation Lab	-	-	-	30	20	50	-	-	6	3		
7.	RA 607	IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.											
8.	RA 608	P	Minor Project II	-	-	-	-	50	50	-	-	4	2		
9.	Additional Credits <sup>#</sup>	<sup>#</sup> Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.													
			Total	280	80	40	120	130	650	12	2	20	24		

Departmental Electives	Open Electives
<b>603 (A) Data Analytics</b>	<b>604(A) Theory of computation</b>
<b>603 (B) Mobile and Micro-Robotics</b>	<b>604(B) Intelligent Manufacturing</b>
<b>603 (C) Autonomous Robotics and Telechirics</b>	<b>604 (C) Cognitive Robotics</b>

1HrLecture 1Credit	1 HrTutorial 1Credit	2 HrPractical 1Credit
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