

**.Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Artificial Intelligence and Data Science** **(w.e.f. July, 2023)**

**VII Semester**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Mark s	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.	AD 701	DC	AI for Computer Vision	70	20	10	30	20	150	2	1	2	4
2.	AD 702	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	AD 703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	AD 704	D Lab	Departmental Elective Lab	-	--	-	30	20	50	-	-	6	3
5.	AD 705	O/E lab	Open Elective Lab	-	-	-	30	20	50	-	-	6	3
6.	AD 706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	AD 607		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	Additional Credits <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	210	60	30	190	210	700	8	2	28	24

<b>Departmental Electives</b>	<b>Open Electives</b>
702(A) Cloud Computing	703(A) Data Visualization
702(B) Business Intelligence	703(B) Mobile Application Development
702(C) Computational Intelligence	703(C) Advanced Statistical Analytics
702(D) Predictive Analytics	703(D) Social Media & Web Analytics

<sup>#</sup> Open Electives can be offered to students of all branches **including AI&DS branch**. However, they can be offered to students of Non-AI&DS branches only if they have not taken any similar courses previously and have sufficient knowledge of pre-requisite courses (if any) of respective open electives subject.

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