Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Scheme of Examination as per AICTE Flexible Curricula
IV Semester   Bachelor of Technology (B.Tech.) [Information Technology]

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.	BT401	BSC	Mathematics- III	70	20	10	-	-	100	3	1	-	4
2.	IT402	DC	Computer Architecture	70	20	10	-	-	100	2	1	-	3
3.	IT403	DC	Analysis and Design of Algorithm	70	20	10	30	20	150	3	1	2	5
4.	IT404	DC	Analog & Digital Communication	70	20	10	30	20	150	3	1	2	5
5.	IT405	DC	Data base Management System	70	20	10	30	20	150	3	0	2	4
6.	IT406	DLC*	Introduction to MATLAB, Scilab/Web Design	-	-	-	30	20	50	-	-	4	2
7.	IT407	DLC*	Open Source Software Lab (Linux and R)	-	-	-	30	20	50	-	-	2	1
8.	BT408	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	14	4	12	24
9.	BT409	MC	Cyber Security	Non-credit course									
10.	BT409I		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