

## Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

IV Semester

**Bachelor of Technology (B.Tech.) [Computer Science and Engineering/  
Computer Engineering/Computer Science & Technology]**

**For batches admitted in July, 2020 (w.e.f. Jan, 2022)**

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.	<b>BT401</b>	BSC	<b>Mathematics- III</b>	70	20	10	-	-	100	3	1	-	4
2.	<b>CS402</b>	DC	<b>Analysis Design of Algorithm</b>	70	20	10	30	20	150	2	1	2	4
3.	<b>CS403</b>	DC	<b>Software Engineering</b>	70	20	10	30	20	150	3	1	2	5
4.	<b>CS404</b>	DC	<b>Computer Org. &amp; Architecture</b>	70	20	10	30	20	150	3	1	2	5
5.	<b>CS405</b>	DC	<b>Operating Systems</b>	70	20	10	30	20	150	3	0	2	4
6.	<b>CS406</b>	DLC*	<b>Programming Practices</b>	-	-	-	30	20	50	-	-	4	2
7.	<b>BT407</b>	DLC	<b>90 hrs Internship based on using various software's -Internship -II</b>	<b>To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester.</b>									<b>3</b>
<b>Total</b>				<b>350</b>	<b>100</b>	<b>50</b>	<b>150</b>	<b>100</b>	<b>750</b>	<b>14</b>	<b>4</b>	<b>12</b>	<b>24</b>
8.	<b>BT408</b>	MC	<b>Cyber Security</b>	<b>Non-credit course</b>									
9.	<b>BT409I</b>	MC	<b>Indian Knowledge System</b>	<b>Non-credit course</b>									
	<b>NC001</b>		<b>NSS/NCC</b>										

\*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