

# Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal

## Scheme of Examination as per AICTE Flexible Curricula

### Bachelor of Technology (B.Tech.) [CSE-Cyber Security/ Cyber Security]

**(w.e.f. July, 2023)**

VII Semester

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.	CY- 701	DC	Machine Learning	70	20	10	30	20	150	2	1	2	4
2.	CY- 702	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	CY- 703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	CY- 704	D Lab	Departmental Elective Lab	-	--	-	30	20	50	-	-	6	3
5.	CY- 705	O/E lab	Open Elective Lab	-	-	-	30	20	50	-	-	6	3
6.	CY- 706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	CY- 707		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	Additional Credits <sup>#</sup>	<i>*Additional credits can be earned through successful completion of credit based MOOCs Courses available on SWAYAM platform (MHRD) at respective UG level.</i>											
<b>Total</b>				<b>210</b>	<b>60</b>	<b>30</b>	<b>190</b>	<b>210</b>	<b>700</b>	<b>8</b>	<b>2</b>	<b>28</b>	<b>24</b>

Departmental Electives	Open Electives
702(A) Penetration Testing & Vulnerability Analysis	703(A) Ethical Hacking
702 (B) Block Chain & Crypto-Currencies	703(B) Cyber Security Policies & Standards
702 (C) Mobile Security & Forensics	703(C) Data Engineering
702 (D) Multimedia Security & Forensics	703 (D) Cloud Computing

# Open Electives can be offered to students of all branches **including CSE-Cyber Security branch**. However, they can be offered to students of Non-CSE 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