

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

IV Semester

Bachelor of Technology (B.Tech.) [Electric Vehicles]

**For batches admitted in July, 2021 (w.e.f. Jan, 2023)**

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.	ES401	BSC	Energy & Environmental Engineering	70	20	10	-	-	100	3	1	-	4
2.	EV402	DC	Internal Combustion Engines	70	20	10	30	20	150	2	1	2	4
3.	EV403	DC	Automobile Engineering	70	20	10	30	20	150	3	1	2	5
4.	EV404	DC	Machine Drawing & Design	70	20	10	30	20	150	3	1	2	5
5.	EV405	DC	Materials Engineering and Solid Mechanics	70	20	10	30	20	150	3	0	2	4
6.	EV406	DLC*	Simulation and Modeling Lab	-	-	-	30	20	50	-	-	4	2
7.	BT407	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
8.	BT408	MC	Cyber Security	Non-credit course									
9.	BT409I	MC	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