

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Electric Vehicles**

**VII Semester**

**(w.e.f. July, 2024)**

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.	EV 701	DC	Noise, Vibration and Harshness	70	20	10	30	20	150	2	1	2	4
2.	EV 702	DE	Departmental Electives	70	20	10	-	-	100	3	1	-	4
3.	EV 703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	EV 704	D Lab	Vehicle Dynamics Lab	-	--	-	30	20	50	-	-	6	3
5.	EV 705	O/E lab	MATLAB	-	-	-	30	20	50	-	-	6	3
6.	EV 706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	EV 607		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	Additional Credits <sup>#</sup>	<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

Departmental Electives	Open Electives
EV 702 (a) Automotive Vehicles	EV 703 (a) Computational Fluid Mechanics
EV 702 (b) Electric Vehicle Testing and Certification	EV 703(b) Artificial Intelligence
EV 702 (c) Materials for Electric and Hybrid Vehicle Technology	EV 703 (c) Reliability Engineering

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