Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

V Semester Bachelor of Technology (B.Tech.) [Electric Vehicles] *(w.e.f. July, 2023)*

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work / Lab Work & Sessional		L	T	P	
1.	EV 501	DC	Vehicle Architecture system	70	20	10	30	20	150	3	-	2	4
2.	EV 502	DC	Dynamics of Automobile	70	20	10	30	20	150	3	-	2	4
3.	EV 503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	EV 504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	EV 505	D Lab	FEM/CFD Lab	-	-	-	30	20	50	-	-	4	2
6.	EV 506	O/E Lab	Python Programming in Automobiles Applications	-	-	-	30	20	50	-	-	4	2
7.	BT 407	IN	Evaluation of Internship-II	-	-	-	-	100	100	-	-	6	3
8.		IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	EV 508	P	Minor Project I	-	-	-	-	50	50	-	-	4	2
10.	Additional Credits[#]	*[#]Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.*											
			Total	280	80	40	120	230	750	12	1	22	24

Departmental Electives	Open Electives
EV 503 (a) Electric drives and Motors	EV 504 (a) Machine Learning for Automobile applications
EV 503 (b) Sensor Actuators & Control	EV 504(b)Probability and Statistics
EV 503 (c) Alternate Automotive Fuels & Emissions	EV 504 (c) Data Analytics

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