

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

VI Semester, Bachelor of Technology (B.Tech.) Electrical Vehicles

(w.e.f. Jan, 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 601	DC	Vehicle networking and Telematics	70	20	10	30	20	150	2	1	2	4
2.	EV602	DC	Energy storage systems for Electric Vehicle	70	20	10	30	20	150	2	1	2	4
3.	EV 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	EV604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	EV 605	D Lab	EV Charging Services & Management Systems Lab	-	-	-	30	20	50	-	-	6	3
6.	EV 606	O/E Lab	Soft Computing Techniques Lab	-	-	-	30	20	50	-	-	6	3
7.		IN	Internship-III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	EV607	P	Minor Project II	-	-	-	-	50	50	-	-	4	2
9.	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	130	650	12	2	20	24

EV- 603: Departmental Electives	EV 604: Open Electives
RM- 603 (a) Automotive Air Conditioning Systems	EV- 604 (a) Total Quality Management and Six Sigma
RM- 603 (b) Artificial Intelligence for Automobiles	EV- 604(b) Operation Research
RM- 603 (c) Vehicle Ergonomics & Safety Systems	EV- 604 (c) Industry 4.0
RM- 603 (d) Vehicle Transport Management	EV- 604 (d) Internet of Things

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