

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

V Semester

Bachelor of Technology (B.Tech. - Robotics and Mechatronics Engineering)

(w.e.f. July, 2022)

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					
1.	RM 501	DC	Design of Machine Elements	70	20	10	30	20	150	3	-	2	4
2.	RM 502	DC	Sensors Technology	70	20	10	30	20	150	3	-	2	4
3.	RM 503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	RM 504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	RM 505	D Lab	FEM/CFD Lab	-	-	-	30	20	50	-	-	4	2
6.	RM 506	O/E Lab	Python Programming	-	-	-	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.	RM 508	P	Minor Project I/Seminar	-	-	-	-	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
RM 503 (A) Industrial Engineering and Supply Chain	RM 504 (A) Optimization Techniques
RM 503 (B) Fundamentals of Systems Engineering	RM 504 (B) Finite Element Method
RM 503 (C) Intelligent Control Systems for Robots	RM 504 (C) Flexible Manufacturing System