

**Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Biomedical Engineering**

**VI Semester**

**(w.e.f. Jan, 2020)**

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.	BM601	DC	Control Systems	70	20	10	30	20	150	2	1	2	4
2.	BM 602	DC	Digital Signal Processing	70	20	10	30	20	150	2	1	2	4
3.	BM 603	DE	Departmental Elective	70	20	10	-	-	100	4	-	0	4
4.	BM 604	OE	Open Elective	70	20	10	-	-	100	4	-	0	4
5.	BM 605	D Lab	Modeling & Simulation	-	-	-	30	20	50	-	-	6	3
6.	BM 606	O/E Lab	Data Communication & Computer Networks	-	-	-	30	20	50	-	-	6	3
7.	BM 607	IN	Internship-III (Industry /Hospital Training)	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
8.	BM 608	P	Minor Project II	-	-	-	-	50	50	-	-	4	2
9.	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	280	80	40	120	130	650	12	2	20	24

Departmental Electives	Open Electives
603 (A) Data Communication	604(A) Bioinformatics
603 (B) Embedded Systems	604(B) Physiological modeling
603(C) Virtual Instruments	604(C) Surgical Instruments

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