

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

VII Semester

Bachelor of Technology (B.Tech.) Electronics & Instrumentation (w.e.f. July, 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.	EI 701	DC	Analytical & Industrial Instrumentation	70	20	10	30	20	150	2	1	2	4
2.	EI 702	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
3.	EI 703	OE	Open Elective	70	20	10	-	-	100	3	0	0	3
4.	EI 704	D Lab	Digital Design using VHDL/Verilog	-	--	-	30	20	50	-	-	6	3
5.	EI 705	O/E lab	Android App. Development	-	-	-	30	20	50	-	-	6	3
6.	EI 706	P	Major Project-I	-	-	-	100	50	150	-	-	8	4
7.	EI 607		Evaluation of Internship -III	-	-	-	-	100	100	-	-	6	3
8.	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	210	60	30	190	210	700	8	2	28	24

Departmental Electives	Open Electives
702(A) Data Communication & Computer Network	703(A) VLSI Design
702 (B) Process Control	703(B) Data Acquisition System
702 (C) Power Plant Instrumentation	703(C) Neural Networks & Fuzzy Logic

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