

# Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

Bachelor of Technology (B.Tech.) Electronics & Instrumentation

**(w.e.f. July, 2019)**

**V Semester**

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 501	DC	Process Instrumentation-I	70	20	10	30	20	150	3	-	2	4
2.	EI 502	DC	Microprocessor & Micro Controller	70	20	10	30	20	150	3	-	2	4
3.	EI 503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	EI 504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	EI 505	D Lab	Instrumentation Workshop	-	-	-	30	20	50	-	-	4	2
6.	EI 506	O/E Lab	Open Elective Lab	-	-	-	30	20	50	-	-	4	2
7.	BT 407	IN	Evaluation of Internship -II	-	-	-	-	100	100	-	-	6	3
8.		IN	Industrial Training/Internship -III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	EI 508	P	Minor Project -I	-	-	-	-	50	50	-	-	4	2
10.	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	230	750	12	1	22	24

## Departmental Elective-I

EI 503 (A) ADC (Analog & Digital Communication)

EI 503 (B) Industrial Automation

EI 503 (C) Control System

## Open Elective-I

EI 504 (A) Virtual Instrumentation

EI 504 (B) EDA Tools

EI 504 (C) DSP Processors

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