

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**

**Course of Study and Scheme of Examination  
B.E. Electronics and Instrumentation**

SEMESTER – VIII Implemented from academic session 2010-11

S.No	Course Code	Name of course	Hours Per week				C R E D I T S	Distribution of Marks					
								Theory Exam	Practical Exam	Internal Assessment			Total
										MS T	TW	Total	
			L	T	P	C		I	II		III	I+II+III	
1	EI801	Optical Instruments and Sensors	3	1	2	6	100	50	20	30	50	200	
2	EI802	Digital Control Systems	3	1	2	6	100	50	20	30	50	200	
3	Refer Table below	Elective-III	3	1	0	4	100	-	20	-	20	120	
4	Refer Table below	Elective-IV	3	1	0	4	100	-	20	-	20	120	
5	EI803	Major Project	0	0	8	8		200		100	100	300	
6	EI804	Self Study	0	0	2	2	-	-	-	30	30	30	
7	EI805	Seminar/Group Discussion	0	0	2	2	-	-	-	30	30	30	
Total			12	4	16	32	400	300	80	220	300	1000	
ELECTIVE-III													
EI 8301	Simulation and Modelling	EI 8302	Embedded Systems	EI 8303	Intelligent Instrumentation	EI8304	Nuclear Instrumentation						
ELECTIVE-IV													
EI 8401	Fuzzy logic and Neural Networks	EI 8402	Digital Image Processing	EI 8403	Advanced Industrial Electronics	EI8404	DSP Processors						

MST-Mid Semester Test, TW-Term Work

Note :- 1.Minimum strength of Ten Students is required to offer an Elective in the College in a particular Academic Session.

2. Choice of Elective Course ones made for an examination cannot be changed for future examinations.