

Final Year B. Tech. (Instrumentation and Control) Semester – II											
Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit	
		Lecture	Tutorial	Practical	In Semester	End Semester	Oral	Practical			
IN 4201	Process Data Analytics	3	0	0	50	50	0	0	100	3	
PEIN 4201	Program Elective-I	3	0	0	50	50	0	0	100	3	
OE 4201	Open Elective-II	3	0	0	50	50	0	0	100	3	
IN 4202	Process Data Analytics Lab	0	0	2	0	0	50	0	50*	1	
IN 4203	Project Phase-II	0	2	16	100	0	50	0	150	10	
IN 4204	Project based Online Course**	2	0	0	50	0	0	0	50	2	
	Total	11	2	18	300	150	100	0	550	22	
	Grand Total	31			550				550	22	

**The student shall register and complete the project based online course preferably in semester- I but may complete the same till the end of semester-II.

PEIN 4201: Program Elective-I

- A. Process Modelling and Optimization
- B. Digital Control
- C. Building Automation
- D. Power Plant and Safety Instrumentation

OE 4201: Open Elective-II

- A. Instrumentation in Agriculture and Food Industry
- B. Advanced Digital Signal and Image Processing
- C. System On Chip



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