

**Autonomous Program Structure
Final Year B. Tech. Seventh Semester
(Instrumentation and Control)**

Academic Year: 2019-2020 Onwards

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Oral	Practical		
IN 4101	Process Instrumentation and Control	3	0	0	50	50	0	0	100	3
IN 4102	Industrial Automation	3	0	0	50	50	0	0	100	3
HS 4101	Management Information system	3	0	0	50	50	0	0	100	3
OE 4101	Open Elective -I	3	0	0	50	50	0	0	100	3
IN 4103	Industrial Automation Lab	0	0	2	0	0	50	0	50	1
IN 4104	Project Phase-I	0	2	14	100	0	50	0	150	9
	Total	12	2	16	300	200	100	0	600	22
	Grand Total	30			600				600	22

OE4101: Open Elective-I

***List of HS -Courses(Mandatory) Course Code: 4101**

- A. System Engineering and Management
- B. Bio-Informatics
- C. Avionics

1. E & TC : Mangement for Engineers
2. Comp : Organizational Behavior
3. Instru : Management Information systems
4. IT : Green Computing
5. Mech : Economics for Engineers
6. Advanced Entrepreneurship Development**

****Prerequisite: Basic Course ED**

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