



Government Engineering College Rajkot

List of Courses to be conducted Under Center of Excellence of Instrumentation and control Engineering Department

Sr No	Course Name	Course Code	Topic	Total Hours	Qualification
1	Design Engineer (instrumentation)	GECRIC001	SIMATIC PCS 7 Basics	150	BE/Diploma instrumentation and control, Electronics and communication
			Basics of PLC		
			Basic Scada		
2	Design Engineer (Electrical)	GECRIC002	Basic Course on AC-DC Drives	144	BE/Diploma instrumentation and Electrical
			Basic Power Systems		
			Basics of Induction Motors		
			Low Voltage Switch Gear		
3	Automation Engineer	GECRIC003	Basics of PLC	100	BE/Diploma instrumentation and electronics and communication and computer
			Basics of SCA		
4	Process Instrument Engineer	GECRIC004	Basics of Process Instrumentation	100	BE/Diploma/ITI Instrumentation and chemical and mechanical
			SIMATIC PCS 7 Basics		
5	Operation and maintenance Engineer (instrumentation)	GECRIC005	Basics of Process Instrumentation	150	BE/Diploma/ITI instrumentation and chemical and mechanical
			Basics of PLC		
			SIMATIC PCS 7 Basics		
6	Mechatronics Engineer	GECRIC006	Basics of PLC	100	BE/Diploma/ITI instrumentation and Electronics and computer and mechanical
			Basic Mechatronics		