

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: M.Sc (Instrumentation & Control)**  
**Semester: I**  
**Syllabus with effect from – June - 2015**

Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks		
							Internal Total/ Passing	External Total/ Passing	Total Total/ Passing
Core Courses	PS01CINC01	Transducers & Instrumentation	Theory	4	3 + 1	3	30	70/28	100/40
	PS01CINC02	8-bit Microprocessor & Microcontroller Systems	Theory	4	3 + 1	3	30	70/28	100/40
	PS01CINC03	Principles of Control Systems	Theory	4	3 + 1	3	30	70/28	100/40
	PS01CINC04	Practical	Practical	4	6	3	30	70/28	100/40
	PS01CINC05	Project Work	--	4	6	3	30	70/28	100/40
	PS01CINC06	Comprehensive Viva	--	1	2	--	--	50/20	50/20
Elective Courses (Any One)	PS01EINC01	Instrumentation of Processing Circuits	Theory	4	3 + 1	3	30	70/28	100/40
	PS01EINC02	Network Analysis	Theory	4	3 + 1	3	30	70/28	100/40

