

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: M.Sc (Instrumentation)**  
**Semester: I**  
**Syllabus with Effect from: June - 2010**

Course Type	Course Code	Name Of Course	Theory/Practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Core Course	PS01CINS01	Transducers and Instrumentation	Theory	4	3+1	3	30/12	70/28	100/40
	PS01CINS02	8-bit Microprocessor & Microcontroller Systems	Theory	4	3+1	3	30/12	70/28	100/40
	PS01CINS03	Principles of Control Systems	Theory	4	3+1	3	30/12	70/28	100/40
	PS01CINS04	Practical	Practical	4	6	3	30/12	70/28	100/40
	PS01CINS05	Project Work		4	6	3	30/12	70/28	100/40
	PS01CINS06	Comprehensive Viva		1	2		--	50/20	50/20
Elective Course	PS01EINS01 OR PS01EINS02	Instrumentation of Processing Circuits OR Network Analysis	Theory	4	3+1	3	30/12	70/28	100/40

