

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: M.Sc (Instrumentation & Control)**  
**Semester: III**  
**Syllabus with effect from – June - 2016**

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 Courses	PS03CINC01	Biomedical Instrumentation	Theory	4	3 + 1	3	30	70/28	100/40
	PS03CINC02	Industrial Communication Techniques	Theory	4	3 + 1	3	30	70/28	100/40
	PS03CINC03	Programmable Logic Controllers & DCS	Theory	4	3 + 1	3	30	70/28	100/40
	PS03CINC04	Practical	Practical	4	6	3	30	70/28	100/40
	PS03CINC05	Project Work	--	4	6	3	30	70/28	100/40
	PS03CINC06	Comprehensive Viva	--	1	2	--	--	50/20	50/20
Elective Courses (Any One)	PS03EINC01	Digital Signal Processing	Theory	4	3 + 1	3	30	70/28	100/40
	PS03EINC02	Optoelectronics	Theory	4	3 + 1	3	30	70/28	100/40
	PS03EINC03	Satcom Instrumentation	Theory	4	3 + 1	3	30	70/28	100/40

