

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc (Instrumentation)
Semester: IV
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	PS04CINS01	Medical Imaging Systems & Therapeutic Equipments	Theory	4	3+1	3	30/12	70/28	100/40
	PS04CINS02	Programming in C / C ⁺⁺	Theory	4	3+1	3	30/12	70/28	100/40
	PS04CINS03	Robotics & Fuzzy Logic	Theory	4	3+1	3	30/12	70/28	100/40
	PS04CINS04	Practical	Practical	4	6	3	30/12	70/28	100/40
	PS04CINS05	Industrial Training / Project		4	6	3	30/12	70/28	100/40
	PS04CINS06	Comprehensive Viva		1	2		--	50/20	50/20
Elective Course	PS04EINS01 OR PS04EINS02	Fabrication Techniques & Instrumentation OR Artificial Intelligence & Neural Networks	Theory	4	3+1	3	30/12	70/28	100/40

