

**SARDAR PATEL UNIVERSITY**  
**Programme: B.Sc (Instrumentation-Vocational)**  
**Semester: VI**  
**Syllabus with effect from: June - 2013**

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	US06CINV01	Process Measurement Techniques - II	Theory	3	3	3	30	70/28	100/40
	US06CINV02	Control Techniques - II	Theory	3	3	3	30	70/28	100/40
	US06CINV03	Control Room Instrumentation	Theory	3	3	3	30	70/28	100/40
	US06CINV04	Spectroscopy & Biomedical Instrumentation	Theory	3	3	3	30	70/28	100/40
	US06CINV05	8-Bit Microprocessor Programming & Applications	Theory	3	3	3	30	70/28	100/40
	US06CINV06	Signal Conditioning And Communication	Theory	3	3	3	30	70/28	100/40
	US06CINV07	Practicals	Practical	2	4	2	30	70/28	100/40
	US06CINV08	Practicals	Practical	2	4	2	30	70/28	100/40
	US06CINV09	Project		2	4	2	30	70/28	100/40

