



SARDAR PATEL UNIVERSITY
Programme – MSc
(Under Choice Based Credit Scheme)
Structure with effect from: 2017-18



MSC Instrumentation and Control
Semester – I

Course Code	Subject Title	Class work + Seminar Hours/Week	Total Marks	External Exam Marks	Internal Exam Marks	Credits
FIRST SEMESTER (650 MARKS)						
PS01CINC21	Transducers & Instrumentation	3 + 1	100/40	70/28	30/10	4
PS01CINC22	Microprocessor & Microcontroller Systems	3 + 1	100/40	70/28	30/10	4
PS01CINC23	Principles of Control Systems	3 + 1	100/40	70/28	30/10	4
PS01CINC24	Practical	6	100/40	70/28	30/10	4
PS01CINC25	Project Work	6	100/40	70/28	30/10	4
PS01CINC26	Comprehensive Viva	2	50/20	50/20	--	1
PS01EINC21 OR PS01EINC22	Elective Paper (Any One)	3 + 1	100/40	70/28	30/10	4
Total Credits						25

Criteria for offering the Elective Papers:

The Elective paper at M. Sc. (Instrumentation & Control) First Semester will be offered from:

PS01EINC21: Instrumentation of Processing Circuits

PS01EINC22: Network Analysis