



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



**MSC Instrumentation and Control**  
**Semester – II**

Course Code	Subject Title	Class work + Seminar Hours/Week	Total Marks	External Exam Marks	Internal Exam Marks	Credits
<b>SECOND SEMESTER (650 MARKS)</b>						
PS02CINC21	Analytical Instrumentation	3 + 1	100/40	70/28	30/10	4
PS02CINC22	Advanced Microprocessor & Microcontrollers	3 + 1	100/40	70/28	30/10	4
PS02CINC23	Computer Aided Process Control	3 + 1	100/40	70/28	30/10	4
PS02CINC24	Practical	6	100/40	70/28	30/10	4
PS02CINC25	Project Work	6	100/40	70/28	30/10	4
PS02CINC26	Comprehensive Viva	2	50/20	50/20	--	1
PS02EINC21 OR PS02EINC22	Elective Paper (Any One)	3 + 1	100/40	70/28	30/10	4
<b>Total Credits</b>						<b>25</b>

**Criteria for offering the Elective Papers:**

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

PS02EINC21: Power Electronics

PS02EINC22: Boiler Instrumentation