



**SARDAR PATEL UNIVERSITY**  
**Programme - MSc**  
**(Under the Choice based Credit Scheme)**  
**SEMESTER- III**  
**STRUCTURE WITH EFFECT FROM:2018-19**



**INSTRUMENTATION AND CONTROL**

Course Code	Subject Title	Class work + Seminar Hours/Week	Total Marks	External Exam Marks	Internal Exam Marks	Credits
<b>THIRD SEMESTER (650 MARKS)</b>						
PS03CINC21	Biomedical Instrumentation	3 + 1	100/40	70/28	30/10	4
PS03CINC22	Industrial Communication Techniques	3 + 1	100/40	70/28	30/10	4
PS03CINC23	PLC – DCS - SCADA	3 + 1	100/40	70/28	30/10	4
PS03EINC21 OR PS03EINC22 OR PS03EINC23	Elective Paper (Any One)	3 + 1	100/40	70/28	30/10	4
PS03CINC24	Practical	6	100/40	70/28	30/10	4
PS03CINC25	Project Work	6	100/40	70/28	30/10	4
PS03CINC26	Comprehensive Viva	2	50	50	--	1
<b>Total Credits</b>						<b>25</b>

**Criteria for offering the Elective Papers:**

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

PS03EINC21: Optoelectronics

PS03EINC22: Satcom Instrumentation

PS03EINC23: Digital Signal Processing