



SARDAR PATEL UNIVERSITY
Programme - MSc
(Under the Choice based Credit Scheme)
SEMESTER- IV
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
FOURTH SEMESTER (650 MARKS)						
PS04CINC21	Medical Imaging Systems & Therapeutic Equipments	3 + 1	100/40	70/28	30/10	4
PS04CINC22	Programming in C / C ⁺⁺	3 + 1	100/40	70/28	30/10	4
PS04CINC23	Robotics & Fuzzy Logic	3 + 1	100/40	70/28	30/10	4
PS04EINC21 OR PS04EINC22 OR PS04EINC23	Elective Paper (Any One)	3 + 1	100/40	70/28	30/10	4
PS04CINC24	Practical	6	100/40	70/28	30/10	4
PS04CINC25	Industrial Training / Project	6	100/40	70/28	30/10	4
PS04CINC26	Comprehensive Viva	2	50	50	--	1
Total Credits						25

Criteria for offering the Elective Papers:

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

PS04EINC21: Fabrication Techniques & Instrumentation

PS04EINC22: Meteorological Instrumentation

PS04EINC23: Artificial Intelligence & Neural Networks