



SARDAR PATEL UNIVERSITY
PROGRAMME MSC
(Under The Choice Based Credit Scheme)
SEMESTER- IV
STRUCTURE WITH EFFECT FROM:2018-19



ELECTRONICS

Course Code	Subject	Class work + Seminar Hours/ Week	Total Marks	External Exam Marks	Internal Exam Marks	Credits
FOURTH SEMESTER (650 Marks)						
PS04CELE21	IC Fabrication Technology	3+1	100/40	70/28	30/10	4
PS04CELE22	Fiber Optics & its Application	3+1	100/40	70/28	30/10	4
PS04CELE23	Sensor Technology	3+1	100/40	70/28	30/10	4
PS04EELE21 OR	Design Of VLSI Systems	3+1	100/40 100/40 100/40 100/40 100/40	70/28 70/28 70/28 70/28 70/28	30/10 30/10 30/10 30/10 30/10	4
PS04EELE22 OR	Computer Based Industrial Control					
PS04EELE23 OR	Principles Of Nanoelectronics					
PS04ELEL24 OR	Advanced Digital Systems Design With HDL					
PS04ELEL25	CMOS Technology & VLSI Design					
PS04CELE24	Practical	6	100/40	70/28	30/10	4
PS04CELE25	Project Work	6	100/40	70/28	30/10	4
PS04CELE26	Comprehensive Viva	2	50/20	50/20	--	1
Total Credits						25