

SARDAR PATEL UNIVERSITY, VALLABH VIDYA NAGAR
M.Sc. Defence Science, Semester- IV
(Effective from Academic Year 2014-15)

Choice- I: Four Theory+ Project Work

Course Code	Course Title	Teaching Scheme (Hours Per week)					Evaluation (Marks)		
		L	S	P	Total Hrs	Total Credits	Internal	External	Total
PT04CDSC01	Sensors and Devices	3	1	-	4	4	30	70	100
PT04CDSC02	Antenna Systems and Radars	3	1	-	4	4	30	70	100
PT04CDSC03	Composite Materials and Its Applications to Defence needs	3	1	-	4	4	30	70	100
PT04EDSC01	Robotics and Manufacturing Systems	3	1	-	4	4	30	70	100
PT04EDSC02	Automation and Control	3	1	-	4	4	30	70	100
PT04CDSC04	Project Work	-	-	6	6	8	60	140	200
PT04CDSC05	Comprehensive Viva	-	-	-	1	1	-	50	50

Credits (per semester*)

Theory + Seminar	: 16
Project Work	: 08
Comprehensive Viva	: 01
Total	: 25

Choice- II: Two Theory+ One Practical Course +Project Work

Course Code	Course Title	Teaching Scheme (Hours Per week)					Evaluation (Marks)		
		L	S	P	Total Hrs	Total Credits	Internal	External	Total
PT04CDSC01	Sensors and Devices	3	1	-	4	4	30	70	100
PT04CDSC02	Antenna Systems and Radars	3	1	-	4	4	30	70	100
PT04CDSC06	Experimental Methods- V	-	-	6	6	4	30	70	100
PT04CDSC07	Project Work	-	-	12	12	12	90	210	300
PT04CDSC08	Comprehensive Viva	-	-	-	1	1	-	50	50

Credits (per semester*)

Theory + Seminar	: 08
Practical	: 04
Project Work	: 12
Comprehensive Viva	: 01
Total	: 25

Choice- III: Project Work (06 months)

Course Code	Course Title	Total Credits	Evaluation (Marks)
PT04CDSC09	Project Work	24	600
PT04CDSC10	Comprehensive Viva	1	50

Credits (per semester*)

Project Work	: 24
Comprehensive Viva	: 01
Total	: 25