



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



**M. SC. GENETICS**  
**Semester – I**

Course Type	Course Code	Name of Course	Theory / Practical	Credit	Contact hrs/ Week	Exam Duration hrs	Component of Marks		
							Internal	External	Total
							Total/ Passing	Total / Passing	Total/ Passing
Core Courses	PS01CGEN21	Molecular Biology	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01CGEN22	Bioinstrumentation	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01CGEN23	Cell Biology	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01CGEN24	Lab-I (Practical based on PS01CGEN21 and PS01CGEN22)	P	4	6	3	30 / 10	70 / 28	100 / 40
	PS01CGEN25	Lab-II (Practical based on PS01CGEN23 and PS01EGEN2X)	P	4	6	3	30 / 10	70 / 28	100 / 40
	PS01CGEN26	Comprehensive Viva-Voce	P	1				50 / 20	50 / 20
Elective Courses (Any I)	PS01EGEN21	Biochemistry	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01EGEN22	Methods and Applications of Transgenic Plants	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01EGEN23	Phytoresources Utilization and Conservation	T	4	4	3	30 / 10	70 / 28	100 / 40
	PS01EGEN24	Human Physiology	T	4	4	3	30 / 10	70 / 28	100 / 40