SARDAR PATEL UNIVERSITY Programme: MSC (Genetics) (Under Choice Based Credit Scheme) Semester: II

Syllabus with effect from: June 2010

| Course Type | Course Code | Name Of Course | T /P | Credit | Exam Duration in hrs | Contact Hours Per Week | Component of Marks | | |
|----------------------|-------------|--|---------|--------|----------------------------|---------------------------------|---------------------------|-------------------|-------------------|
| | | | | | | | Internal | External | Total |
| | | | | | | | Total/ Passing | Total/ Passing | Total/ Passing |
| Core Courses: | PS02CGEN01 | Biostatistics and Bioinformatics | Т | 4 | 3 | 4 | 30/12 | 70/28 | 100/40 |
| | PS02CGEN02 | Cytogenetics | Т | 4 | 3 | 4 | 30/12 | 70/28 | 100/40 |
| | PS02CGEN03 | Recombinant DNA Technology | Т | 4 | 3 | 4 | 30/12 | 70/28 | 100/40 |
| | PS02CGEN04 | Practical – I (Practical based on PS02CGEN01 and PS02CGEN02) | Р | 4 | 3 | 6 | 30/12 | 70/28 | 100/40 |
| | PS02CGEN05 | Practical – II (Practical based on PS02CGEN03 and PS02EGEN01) | Р | 4 | 3 | 6 | 30/12 | 70/28 | 100/40 |
| | PS02CGEN06 | Comprehensive Viva | - | 1 | - | - | - | 50/20 | 50/20 |
| Elective Courses: | PS02EGEN01 | Population and Evolutionary Genetics | Т | 4 | 3 | 4 | 30/12 | 70/28 | 100/40 |

