



**SARDAR PATEL UNIVERSITY**  
**VALLABH VIDYANAGAR**  
**Programme - MSc**  
**(Under the Choice based Credit Scheme)**  
**STRUCTURE WITH EFFECT FROM:2018-19**



**STATISTICS - III**

| Course Type         | Course Code | Name Of Course                     | Theory/<br>practical | Credit | Conta<br>ct<br>Hrs/<br>Week | Exam<br>Duratio<br>n<br>in hrs | Component of Marks |                  |                  |
|---------------------|-------------|------------------------------------|----------------------|--------|-----------------------------|--------------------------------|--------------------|------------------|------------------|
|                     |             |                                    |                      |        |                             |                                | Internal           | External         | Total            |
|                     |             |                                    |                      |        |                             |                                | Total<br>Passing   | Total<br>Passing | Total<br>Passing |
| Core<br>Courses     | PS03CSTA21  | Design and Analysis of Experiments | Theory               | 4      | 4 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |
|                     | PS03CSTA22  | Multivariate Analysis              | Theory               | 4      | 4 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |
|                     | PS03CSTA23  | Practicals                         | Practical            | 4      | 6 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |
|                     | PS03CSTA24  | Practicals                         | Practical            | 4      | 6 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |
|                     | PS03CSTA25  | Comprehensive Viva Voce            |                      | 1      | 4 hrs                       | 1 hrs                          |                    | 50               | 50               |
| Elective<br>Courses | PS03ESTA21  | Reliability and Life Testing       | Theory               | 4      | 4 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |
|                     | PS03ESTA22  | Generalized Linear Models          | Theory               | 4      | 4 hrs                       | 3 hrs                          | 30/10              | 70/28            | 100/40           |