

## Faculty of Science and Humanities

Program Name: B.Sc.- Chemistry (B-Group)

Program Code: SC101/ SC103

Semester : 4

Effective From Academic Year: 2022-23

| Subject code                   | Subject Name                                                                  | Paper Name                                                                    | Credit | Hours per week |    |    |       | Theory (Marks)        |      |                       |      | Practical(Marks)      |      |                       |      | Total (Marks) |
|--------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------|----------------|----|----|-------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|---------------|
|                                |                                                                               |                                                                               |        | L              | T  | P  | Total | University Assessment |      | Continuous Assessment |      | University Assessment |      | Continuous Assessment |      |               |
|                                |                                                                               |                                                                               |        |                |    |    |       | Min.                  | Max. | Min.                  | Max. | Min.                  | Max. | Min.                  | Max. |               |
| 2SC1030401                     | Chemistry                                                                     | Chemistry - 401                                                               | 3      | 3              | -- | -- | 3     | 28                    | 70   | 12                    | 30   | --                    | --   | --                    | --   | 100           |
| 2SC1030402                     | Chemistry                                                                     | Chemistry - 402                                                               | 3      | 3              | -- | -- | 3     | 28                    | 70   | 12                    | 30   | --                    | --   | --                    | --   | 100           |
| 2SC1030403                     | Chemistry Practical                                                           | Chemistry Practical                                                           | 3      | --             | -- | 6  | 6     | --                    | --   | --                    | --   | 24                    | 60   | 16                    | 40   | 100           |
| 2SC1010401                     | Biotechnology                                                                 | Central Dogma of Life                                                         | 3      | 3              | -- | -- | 3     | 28                    | 70   | 12                    | 30   | --                    | --   | --                    | --   | 100           |
| 2SC1010402                     | Biotechnology                                                                 | Analytical Techniques                                                         | 3      | 3              | -- | -- | 3     | 28                    | 70   | 12                    | 30   | --                    | --   | --                    | --   | 100           |
| 2SC1010403                     | Biotechnology Practical                                                       | Biotechnology Practical                                                       | 3      | --             | -- | 6  | 6     | --                    | --   |                       | --   | 24                    | 60   | 16                    | 40   | 100           |
| 2SC1000411                     | English                                                                       | English                                                                       | 2      | 2              | -- | -- | 2     | 14                    | 35   | 6                     | 15   | --                    | --   | --                    | --   | 50            |
| 2SC1000423<br>OR<br>2SC1000421 | Chemistry (Subject Elective)<br><b>OR</b><br>Biotechnology (Subject Elective) | Green Chemistry<br><b>OR</b><br>DNA Damage, Repair & Homologous Recombination | 2      | 2              | -- | -- | 2     | 14                    | 35   | 6                     | 15   | --                    | --   | --                    | --   | 50            |
| 2SC1000431/<br>2SC1000432      | Generic Elective                                                              | Communication Skill-II <b>OR</b><br>Personality Development-I                 | 2      | 2              | -- | -- | 2     | --                    | --   | 20                    | 50   | --                    | --   | --                    | --   | 50            |
| TOTAL                          |                                                                               |                                                                               | 24     | 18             | -- | 12 | 30    | 140                   | 350  | 80                    | 200  | 48                    | 120  | 32                    | 80   | 750           |