

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of BIO-TECHNOLOGY (optional)

Departmental Teaching and Evaluation scheme

(2024-25 onwards for NEP-2.0)

Three/Four- Years UG Programme

Department/Subject Specific Core or Major (DSC)

(as per NEP-2020 Guidelines)

NEP 2.0

First Year Semester-I & II

| Sr. No. | Course Abbr. | Course code | Course Name | Teaching Scheme Hours/week | | Examination Scheme and Marks | | | | Course Credits |
|---------------------------|---------------|-------------|-------------------------------------|----------------------------|----------|------------------------------|-----------|-----------|------------|----------------|
| | | | | TH | PR | SEE | CIE | PR | Marks | |
| Semester-I | | | | | | | | | | |
| 1 | DSC-I | 2DSC03BIT11 | Fundamentals of Biotechnology-I | 2 | - | 40 | 10 | - | 50 | 2 |
| 2 | DSC-II | 2DSC03BIT12 | Fundamentals of Biotechnology-II | 2 | - | 40 | 10 | - | 50 | 2 |
| 3 | DSC BIT-PR-I | 2DSC03BIT19 | DSC Biotechnology Lab -1 | - | 4 | - | - | 25 | 25 | 2 |
| 4 | OEC BIT-PR-I | 2OEC03CHS11 | Chemical Science-I | - | 4 | - | - | 25 | 25 | 2 |
| Semester –I Total | | | | 4 | 8 | 80 | 20 | 50 | 150 | 8 |
| Semester-II | | | | | | | | | | |
| 1 | DSC -III | 2DSC03BIT21 | Microbiology | 2 | - | 40 | 10 | - | 50 | 2 |
| 2 | DSC -IV | 2DSC03BIT22 | Basics of Cell biology and genetics | 2 | - | 40 | 10 | - | 50 | 2 |
| 3 | DSC BIT-PR-II | 2DSC03BIT29 | DSC Biotechnology Lab-2 | - | 4 | - | - | 25 | 25 | 2 |
| 4 | OEC BIT-PR-II | 2OEC03CHS11 | Chemical Science-II | - | 4 | - | - | 25 | 25 | 2 |
| Semester –II Total | | | | 4 | 8 | 80 | 20 | 50 | 150 | 8 |

Abbreviations: TH-Theory, PR-Practical, PRO- Project, SEE- Semester End Examination, CIE-Continuous Internal Examination

Note: Minimum passing for 10 marks Internal evaluation = 04 marks

Minimum passing for 40 marks Theory paper = 16 marks

Minimum passing for 25 marks Practical = 10 marks

Passing percentage for Democracy, Election and Good Governance (DEGG) and Environmental Studies papers should be 40%

Separate passing for each Head - SEE, CIE and Practicals