

**Generic Open Elective Course under NEP-2020 curriculum for Semester-III of the  
Under Graduate Programme**

**Faculty Science and Technology**

**(Science Group)**

| Sr.No. | Discipline /Subject                     | Course Code | Title                                                             |
|--------|-----------------------------------------|-------------|-------------------------------------------------------------------|
| 1.     | Environmental Science                   | 114265      | Ecotourism and Environmental Ethics.                              |
| 2.     | Chemistry                               | 108217      | Chemistry for Competitive Examinations                            |
| 3.     | Forensic Science                        | 117217      | Forensic Science for competitive Exam                             |
| 4.     | Industrial Chemistry                    | 120217      | Green Chemistry Approaches in Agro Formulations                   |
| 5.     | Petrochemical Science                   | 128217      | Overview of petroleum and Petrochemical                           |
| 6.     | Physics                                 | 129218      | Solar Energy and Its Applications                                 |
| 7.     | Food Science                            | 116217      | Overview to food and nutrition                                    |
| 8.     | Bio-chemistry                           | 103217      | Human Reproductive health and Blood Components                    |
| 9.     | Microbiology                            | 127217      | Applied Microbiology for Day to Day Life                          |
| 10.    | Mathematics                             | 126217      | Reasoning Ability                                                 |
| 11.    | Statistics                              | 13203G5     | Application of Statistics in Finance                              |
| 12.    | Botany                                  | 107218      | Traditional Health Care                                           |
| 13.    | Geology                                 | 119218      | Environmental geology                                             |
| 14.    | Zoology                                 | 133218      | Ornithology Insights                                              |
| 15.    | Electronics                             | 113218      | Solar Power Plant Installation and Maintenance                    |
| 16.    | Bio-Technology                          | 106404      | Adulteration and prevention                                       |
| 17.    | Bio-informatics                         | 104405      | Health and Nutrition                                              |
| 18.    | Science Languages English               | 125209      | Shakespearean Drama                                               |
| 19.    | Marathi                                 | 125233      | नेतृत्व कौशल्य (Leadership Skills)                                |
| 20.    | Hindi                                   | 125249      | हिंदी उपन्यास                                                     |
| 21.    | Sanskrit                                | 125269      | संस्कृतनीतकथा पञ्चतन्त्र काकोलूकीयम                               |
| 22.    | Urdu                                    | 125289      | Mintaqa-e-Barar ka Nasri Adab (منطقہ بار بار ادب نثری کا باب رار) |
| 23.    | Computer Application (General) (109)    | 109504      | E Content Development                                             |
| 24.    | Computer Science (112)                  | 112504      | E Content Development                                             |
| 25.    | Information Technology (123)            | 123504      | E Content Development                                             |
| 26.    | Computer Application (Vocational) (110) | 110504      | E Content Development                                             |
| 27.    | Data Analytics (134)                    | 134504      | E Content Development                                             |
| 28.    | Data Science and Analytics (135)        | 135504      | E Content Development                                             |

**Generic Open Elective Course under NEP-2020 curriculum for Semester-IV of the  
Under Graduate Programme**

**Faculty Science and Technology**

**(Science Group)**

| Sr.No. | Discipline /Subject                     | Course Code | Title                                                                   |
|--------|-----------------------------------------|-------------|-------------------------------------------------------------------------|
| 1.     | Environmental Science                   | 114266      | Global environmental issues                                             |
| 2.     | Chemistry                               | 108225      | Chemistry for Sustainable Agriculture                                   |
| 3.     | Forensic Science                        | 117225      | Advanced Techniques in Forensic Science                                 |
| 4.     | Industrial Chemistry                    | 120225      | Natural and Eco friendly Dyes                                           |
| 5.     | Petrochemical Science                   | 128225      | I Chemical based on Some Paraffin and Olefin                            |
| 6.     | Physics                                 | 129226      | Physics in Agriculture                                                  |
| 7.     | Food Science                            | 116225      | Food quality and sensory evaluation                                     |
| 8.     | Bio-chemistry                           | 103225      | Biochemistry of food Digestion                                          |
| 9.     | Microbiology                            | 127225      | Microbiology for Human Health                                           |
| 10.    | Mathematics                             | 126224      | Competitive Mathematics                                                 |
| 11.    | Statistics                              | 13204G6     | Financial Statistics                                                    |
| 12.    | Botany                                  | 107226      | Wonders of Plant World                                                  |
| 13.    | Geology                                 | 119226      | Disaster management                                                     |
| 14.    | Zoology                                 | 133226      | Ophidiology and Arachnology                                             |
| 15.    | Electronics                             | 113226      | From the basket of Open Elective (Basics of Biomedical Instrumentation) |
| 16.    | Bio-Technology                          | 106405      | Food Processing & Preservation                                          |
| 17.    | Bio-informatics                         | 104406      | R- programming                                                          |
| 18.    | Science Languages English               | 125210      | Short Stories                                                           |
| 19.    | Marathi                                 | 125234      | सादरीकरण कौशल्य (Presentation Skills)                                   |
| 20.    | Hindi                                   | 125250      | हिंदी नाटक                                                              |
| 21.    | Sanskrit                                | 125270      | सिंस्कृतनीहतकथा पञ्चतत्र लब्धप्रणाशम्                                   |
| 22.    | Urdu                                    | 125290      | Mintaqa-e-Barar ka Shairi Adab (منطقہ قراء ادب شعری کا بار بار)         |
| 23.    | Computer Application (General) (109)    | 109505      | Web Technologies                                                        |
| 24.    | Computer Science (112)                  | 112505      | Web Technologies                                                        |
| 25.    | Information Technology (123)            | 123505      | Web Technologies                                                        |
| 26.    | Computer Application (Vocational) (110) | 110505      | Web Technologies                                                        |
| 27.    | Data Analytics (134)                    | 134505      | Web Technologies                                                        |
| 28.    | Data Science and Analytics (135)        | 135505      | Web Technologies                                                        |

