**Semester III**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Course Code** | **Course Title** | **Faculty** |
| 1 | GET 1104 | Engineering Mechanics and Strength of Materials | Gen Engg. |
| 2 | GET 1105 | Electrical and Electronics Engineering | Gen Engg. |
| 3 | CHT 1341 | Physical Chemistry | Chem. |
| 4 | OLT 1101 | Chemistry of Oils | VF |
| 5 | BST 1101 | General Microbiology | DBT-ICT CEB |
| 6 | BST 1103 | Biochemistry | DBT-ICT CEB |
|  |  |  |  |
| 5 | GEP 1106 | Electrical and Electronics Engineering Laboratory | Gen Engg. |
| 6 | CHP 1342 | Physical Chemistry Laboratory | Chem. |
| 7 | OLP 1201 | Analysis of Oilseeds and Oils | JTW |

**Semester V**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Course Code** | **Subjects** | **Faculty** |
| 1 | CET 1406 | Chemical Engineering Operations | CE |
| 2 | CET 1212 | Chemical Reaction Engineering | CE |
| 3 | OLT 1104 | Technology of Edible Fat Production | JTW |
| 4 | OLT 1105 | Technology of Oil and Fat Production | APP |
| 5 | OLT 1106 | Cosmetics Science I | VF |
| 6. | OLT 1107 | Chemistry of Oils and Lipids | CSM |
|  |  |  |  |
| 7. | OLP 1204 | Processing of Oleochemicals and Waxes | APP |
| 8. | OLP 1205 | Analysis of Surfactants | JTW |
| 9. | OLP 1206 | Microbiology and Biochemistry Lab I | CSM |

**Semester VII**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Course Code** | **Subjects** | **Faculty** |
| 1 | CET | Project Economics | CE |
| 2 | CET | Industrial psychology and Human Resource Management | CE |
| 3 | OLT 1113 | Genetic Engineering | VF/ PRK. |
| 4 | OLT 1114 | Nutraceuticals | JTW |
| 5 | OLT 1115 | Essential Oils, Natural products and their Applications | CSM |
| 6 | OLT 1116 | Byproducts Utilization and Waste Management | APP |
|  |  |  |  |
| 6 | OLP 1209 | Processing of Soaps, Surfactants and Detergents | APP |
| 7 | OLP 1210 | Microbiology and Biochemistry Lab II | CSM |
| 8 | OLP 1211 | **Seminar** | ALL Faculty |

**M. Tech. (Semester I)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** |  | **Code** | **Subjects** | **Faculty** |
| 1 | Core I | PYT 2106 | Physical Methods of Analysis (Common) (By Physics) | VDD/ AK |
| 2 | Core II | OLT 2101 | Advance Chemistry of fats and fatty acids | VF |
| 3 | Core III | OLT 2201 | Advances in Lipid Nutrition | VF |
| 4 | Elective I |  | To be given | PRN/ DVP |
| 5 | Elective II | BST 2106 | Intellectual Property Rights (Common) | VF |
| 6 | Project I | OLP 2601 | Critical Review of One Research Publication | Research Supervisor |
| 7 | Project II | OLP 2602 | Seminar | All Faculty |