**Mangalayatan University**

**Beswan,Aligarh–202145**

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**Curriculum**

B.Voc in Operation Theatre Technology

**Institute of Vocational Studies**

**2022**

**TotalProgramCreditsforB.Voc**

|  |  |  |
| --- | --- | --- |
| **S.N.** | **Semester** | **Credits** |
| **1** | **I** | **28** |
| **2** | **II** | **24** |
| **3** | **III** | **26** |
| **4** | **IV** | **24** |
| **5** | **V** | **30** |
| **6** | **VI** | **26** |
| **Total** | | **158** |

**InductionProgram**

ConductionofinductionprogramasperUGC/RegulatoryBody‘sguideline.

**CourseStructure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **I – Year** | | | | |
| **Semester-I** | | | | |
| **S. No.** | **Course Code** | **Course Title** | **Course Type** | **Credits** |
| 1 | BVOCOT-101 | Functional English | General Academic Component | 4 |
| 2 | BVOCOT-102 | Human Anatomy & Physiology-1 | General Academic Component | 4 |
| 3 | BVOCOT-103 | Introduction to Bio-Chemistry | General Academic Component | 4 |
| 4 | BVOCOT-104 | First Aid and Bandaging | Skill Development Component | 4 |
| 5 | BVOCOT-105 | Introduction to Bio-Chemistry | Skill Development Component | 4 |
| 6 | BVOCOT-106 | OT Equipment & Techniques | Skill Development Component | 4 |
| 7 | BVOCOT-107 | Basic patient Care & Theatre Organization | Skill Development Component | 4 |
| **Total Credits** | | | | 28 |

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| **Semester-II** | | | | | | | | |
| **S. No.** | | **Course Code** | | **Course Title** | | **Course Type** | **Credits** | |
| 1 | | BVOCOT-201 | | Professional Communication | | General Academic Component | 4 | |
| 2 | | BVOCOT-202 | | Environmental Studies | | General Academic Component | 4 | |
| 3 | | BVOCOT-203 | | Human Anatomy & Physiology -2 | | Skill Development Component | 4 | |
| 4 | | BVOCOT-204 | | OT Equipment Management | | Skill Development Component | 4 | |
| 5 | | BVOCOT-205 | | Elementary Nursing | | Skill Development Component | 4 | |
| 6 | | BVOCOT-206 | | Clinical Pathology | | Skill Development Component | 4 | |
| **Total Credits** | | | | | | | 24 | |
| **Exit Option- Diploma in OTT** | | | | | | | | |
| **II-Year** | | | | | | | | | | |
| **Semester-III** | | | | | | | | | | |
| **S. No.** | | **Course Code** | | **Course Title** | | **Course Type** | | | **Credits** | |
| 1 | | BVOCOT-301 | | Infection Control | | General Academic Component | | | 4 | |
| 2 | | BVOCOT-302 | | Pathology & Pharmacology | | General Academic Component | | | 4 | |
| 3 | | BVOCOT-303 | | Applied Anatomy & Physiology | | General Academic Component | | | 4 | |
| 4 | | BVOCOT-304 | | Principle of Anesthesia | | Skill Development Component | | | 4 | |
| 5 | | BVOCOT-305 | | Basics of Equipment and OT Tray Set up | | Skill Development Component | | | 4 | |
| 6 | | BVOCOT-306 | | Clinical Pharmacology | | Skill Development Component | | | 6 | |
| **Total Credits** | | | | | | | | | 26 | |

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| **Semester-IV** | | | | | |
| **S. No.** | **Course Code** | **Course Title** | | **Course Type** | **Credits** |
| 1 | BVOCOT-401 | Basics of Accounting | General Academic Component | | 4 |
| 2 | BVOCOT-402 | Medical Law & Ethics | General Academic Component | | 4 |
| 3 | BVOCOT-403 | Basic Aesthetical Techniques | General Academic Component | | 4 |
| 4 | BVOCOT-404 | Community Health Nursing and  Communicable Disease | Skill Development Component | | 4 |
| 5 | BVOCOT-405 | Essential Critical Care and Nursing Skills | Skill Development Component | | 4 |
| 6 | BVOCOT-406 | OT Techniques in EYE and E.N.T | Skill Development Component | | 4 |
| **Total Credits** | | | | | 24 |

**Exit Option-Advance Diploma in OTT**

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| **III – Year** | | | | |
| **Semester-V** | | | | |
| **S. No.** | **Course Code** | **Course Title** | **Course Type** | **Credits** |
| 1 | BVOCOT-501 | Economics & Markets | General Academic Component | 4 |
| 2 | BVOCOT-502 | Physical Health and Fitness | General Academic Component | 4 |
| 3 | BVOCOT-503 | Basics of Surgery | General Academic Component | 4 |
| 4 | BVOCOT-504 | CSSD Procedures | General Academic Component | 4 |
| 5 | BVOCOT-505 | Regional Aesthetic Techniques | Skill Development Component | 4 |
| 6 | BVOCOT-506 | Basic Intensive Care | Skill Development Component | 4 |
| 7 | BVOCOT-507 | INTERNSHIP-I | Skill Development Component | 6 |
| **Total Credits** | | | | 30 |

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| **Semester-VI** | | | | |
| **S. No.** | **Course Code** | **Course Title** | **Course Type** | **Credits** |
| 1 | BVOCOT-501 | Entrepreneurship | General Academic Component | 4 |
| 2 | BVOCOT-502 | Clinical Microbiology | General Academic Component | 4 |
| 3 | BVOCOT-503 | Hygiene , Sanitation Nutrition  ,Dietics | General Academic Component | 4 |
| 4 | BVOCOT-504 | Anesthesia for Special Surgeries | General Academic Component | 4 |
| 5 | BVOCOT-505 | INTERNSHIP-II | Skill Development Component | 4 |
| 6 | BVOCOT-607 | PROJECT REPORT | Skill Development Component | 6 |
| **Total Credits** | | | | 26 |