

B.Voc. Patient Care Technology

Semester I

Course Code	Title of the course	Credit
BVPCT-101	Communication Skills in English	4
BVPCT-102	Introduction to Patient Care Technology	4
BVPCT-103	Human Anatomy & Physiology – I	4
BVPCT-104	First Aid & Emergency Care	4
BVPCT-105	Infection Control & Biomedical Waste Management	6
BVPCT-121	Practical- First Aid & Emergency Response	10

Semester II

Course Code	Title of the course	Credit
BVPCT-201	Basics of Medical Terminology	4
BVPCT-202	Fundamentals of Nursing Care	4
BVPCT-203	Introductions to Pathology & Microbiology	4
BVPCT-204	Medical Ethics & Professionalism	4
BVPCT-205	Introduction to Medical Equipment	6
BVPCT-221	Practical- Basic Nursing Skills	10

Semester III

Course Code	Title of the course	Credit
BVPCT-301	Human Anatomy & Physiology – II	4
BVPCT-302	Patient Safety & Monitoring Techniques	4
BVPCT-303	Hospital Infection Control Practices	4
BVPCT-304	Electrocardiography (ECG) & Interpretation	4
BVPCT-305	Pharmacology Basics for Patient Care	6
BVPCT-321	Practical- ECG & Vital Signs Monitoring	10

Semester IV

Course Code	Title of the course	Credit
BVPCT-401	Medical Record Keeping & Documentation	4
BVPCT-402	Nutritional Care for Patients	4
BVPCT-403	Palliative & Elderly Care Techniques	4
BVPCT-404	Intensive Care Unit (ICU) Management Basics	6
BVPCT-421	Practical- ICU & Emergency Care Simulation	10

Semester V

Course Code	Title of the course	Credit
BVPCT-501	Operation Theatre (OT) Techniques & Sterilization	4
BVPCT-502	Medical Imaging & Diagnostic Procedures	4
BVPCT-503	Pediatric & Neonatal Care	6
BVPCT-521	Practical Training & Internship	10
BVPCT-522	Practical- Medical Imaging & Diagnostic Procedures	10

Semester VI

Course Code	Title of the course	Credit
BVPCT-601	Critical Care & Ventilator Management	4
BVPCT-602	Oxygen Therapy & Respiratory Support	4
BVPCT-603	Trauma & Emergency Medical Services (EMS)	4
BVPCT-604	Infection Control in Surgical & Non-Surgical Units	6
BVPCT-621	Project	10