



# B.VOC IN CARDIAC CARE TECHNOLOGY

**Duration :3 Year degree program UGC Approved Course**

## OVERVIEW

The Bachelor's degree in Cardiac Care Technology offers students comprehensive education and practical skills in diagnosing, treating, and managing cardiovascular conditions. Focused on specialized care for patients with heart-related disorders, the program covers areas such as cardiac emergencies, catheterization procedures, and rehabilitation. Students learn cardiovascular anatomy, electrocardiography, echocardiography, pharmacology, and invasive cardiology techniques. Training includes cardiac emergency response, advanced life support, and critical care patient assessment.

## OBJECTIVES

After completing this course, participants will be able to:

- To promote lifelong learning and professional development to keep abreast of advancements in cardiac care technology and healthcare practices.
- Work as cardiac care technologists or cardiovascular technicians in hospitals, cardiac care centres, clinics, and other healthcare facilities.
- Assisting cardiologists and other healthcare professionals in diagnosing and treating cardiovascular diseases, monitoring patients during cardiac procedures, and providing quality care to individuals with heart conditions.

## PEDAGOGY

The pedagogical approach employed is characterized by its holistic nature, emphasizing a focused methodology that underscores the significance of scenario-based practical applications utilizing cutting-edge tools and techniques. There will be comprehensive lab work requiring demonstrated competency to receive a satisfactory grade.

## COURSE CONTENT

- Human anatomy & physiology
- Basics Electrocardiography
- 24hr Ambulatory ECG
- Introduction to Invasive Cardiology
- Stress Testing
- Pericardiocentesis and its Techniques
- Cardiac Emergency and CPR Techniques

## COURSE HIGHLIGHTS

- Classroom Training (Theory + Practical)
- Internship
- Eligibility 10 + 2 (Any Stream)

**0% INTEREST LOAN SCHEME AVAILABLE**

