

(91-MED-04-01) DIPLOMA CATH LAB. TECHNOLOGY

1. Significance of Program

The Cardiac Cath Lab Tech performs advanced diagnostic and interventional cardiac procedures, peripheral vascular procedures, and structural heart procedures in the Cardiac Cath Lab. Cardiac Cath Lab Technicians are responsible for scrubbing, monitoring, and assisting providers as requested

2. Career Options

Cath lab technicians, also known as cardiac catheterization technologists, are cardiovascular technologists who work in facilities that run tests on heart health. They assist with the insertion of catheters into the heart, and are responsible for measuring and administering special fluids.

3. Program Objectives

Cath-Lab Technicians are trained to assist interventional cardiologists in performing diagnostic and therapeutic minimally invasive cardiac procedures with the help of cardiac and coronary imaging.

4. Outcomes of the Program

- Understand normal cardiac physiology, anatomy, and blood flow.
- Calculate and find out heart rate.
- Understand heart's conduction principles.
- Identify abnormal heart rhythms and ECG components for assessment.
- Identify abnormal measure intervals, waveforms, segments, etc.

5. Major Course Outline

- Human Anatomy
- Physiology
- Biochemistry
- Pathology
- Microbiology
- Haematology
- Pharmacology

Familiarization of different tables/tubes in surgical dept. Surgical Awareness, Preparation of patient for surgery.

CORE	Electives	Skill Course
Cardio Vascular System	Anatomy and physiology	Communication & Computer Skills