

An Operation Theatre Technician assist Doctors, Anaesthetics and Surgeons during surgery or emergency procedures and they make certain that in every operation the OT protocols and ethics are being followed properly. They carry out the procedure under the command of a surgeon.

## Objectives

**After completion of the course, participants will be able to:**

- independently assist to surgeon and anesthetist and can perform role of operation theatre technician
- can prepare operation theatre after the surgery and before the surgery
- know about equipment used during the surgery and emergency kit and maintenance of equipment
- knowledge about infection and infection control and how to prevent from infection and disinfectant
- can prepare patient for operative procedure
- know about biomedical waste and how to dispose off
- knowledge about radiation and how to take precaution towards radiation
- monitoring of patient during procedure
- personal precaution and personal hygiene
- knowledge about documentation
- know about sterilization and method of sterilization
- knowledge about surgical position
- basic knowledge about human anatomy and physiology



## Course Description

- General anatomy, pathology and physiology of body
- Roles and responsibility of operation theatre technician
- Prepare and maintain operation theatre
- Maintain equipment support in an acute care environment
- Identify and move to maintain a sterile field
- Follow infection control policies and procedures
- Manage and maintain equipment
- Prepare patient for operative procedures
- Provide intra-operative equipment and technical support
- Ensure availability of medical and diagnostic supplies
- Assist anesthetist in handling emergencies outside of OT Room
- Manage hazardous waste
- Act within the limits of one's competence and authority
- Work effectively with others
- Manage work to meet requirements
- Maintain a safe, healthy, and secure working environment
- Follow radiation safety guidelines
- Follow biomedical waste disposal protocols
- Monitor and assure quality

## Highlights

- Theory+Simulation : 800 Hours
- Internship : 800 Hours
- Eligibility : 10+2 with science
- Duration : 1600 Hours/12 Months
- Certification : GPMC/NSDC