



### Benefits to the Individual

- Become job ready to work as OTT in any Healthcare setting.
- Leadership capabilities to supervise and lead the operation theatre team.
- Sound technical knowledge and skills to handle complex OT equipment.

### Benefits to the Organization

- Skilled Human Resource for better management of patients during surgery.
- Trained paramedic with technical knowledge and aptitude of handling sophisticated OT equipment.
- Trained technical support to surgeons, anaesthetists and OT Staff.

## Contact Us

Astron Institute of International Studies,  
Pavilion Building, 339/2, Mehrauli Rd.  
Gurugram 122002, Ground Floor,  
Sector 14, B part

**P : +91 8800893636**

**w : [www.astron.international](http://www.astron.international)  
[www.astronecollege.com](http://www.astronecollege.com)**

AIIS/OT/BRO/014



## Online Diploma in Operation Theatre Technician

## About AIIS

Astron Institute of International Studies, an e-learning portal of the Astron Group, focused on achieving academic excellence in healthcare, quality & accreditation of healthcare services and hospital planning & design. We stand out from other e-Learning platform as a leader and offers Enterprise-Wide Training, Team Specific Training, Leadership Development Program, Online & Hybrid Training for Healthcare Professionals. More than 25,000 Healthcare Professionals have been trained and certified by AIIS. With its innovative pedagogy, AIIS has personalized advanced training modules specially catering to the needs of Doctors, Nurses and Paramedical Professionals. We adopt a comprehensive learning pedagogy for upskilling of public sectors through blended approach. We perform a complete life-cycle of online learning, e-Learning solutions development, blended learning, mobile learning, curriculum development, and facilitation of workshop.

## Course Overview

Diploma in Operation Theatre Technology has been designed to ensure that the candidate attains adequate expertise to be a part of the surgical team. This diploma prepares the technician to be fully conversant with the functioning of the operation theatre and surgical procedures undertaken in the OT. They are trained to maintain the OT equipment and instruments, check the infection control practices, and status of sterilization of the OT and also ensure its smooth functioning. The 12 Months Diploma Program has been structured to provide progressive group learning among the students enrolled through presentations and group work.

## Who is an Operation Theatre Technician?

An operation Theatre Technician is a paramedical professional who is involved with management of the operation theatre. Their work includes managing and organizing all the activities in and around the operation theatre. They ensure the management of the patients in and out of the operation theatre. They look after all the surgical instruments and their sterilization. They also assist the surgeon in performing surgical procedures. They ensure sterilization and cleaning of the operation theatre and management of other affiliated staff. In short, an operation theatre technician manages and organizes the entire operation theatre. They are thus an essential part of the surgical team.

## Objectives

- To understand the concept of OT and its advantages.
- To understand and provide care to the surgical patients.
- To understand the functioning, monitoring, maintenance and safety aspects of OT equipment and clinical practice.

## Eligibility Criteria

Minimum eligibility is 10+2 with Science from State or Central Board Education System

## Program Duration

1 Year (9 Months Theory classes + 3 Months Hospital Training)

## Content

- Anatomy
- Physiology
- Introduction to Operation Theatre Technology
- Basic OT and Anaesthesia Equipment & Drugs
- Post Anaesthesia Care Unit (PACU)
- Inventory Maintenance
- Patient Safety and Quality Assurance
- OT Maintenance

## Evaluations and Grading

- Evaluations will collate candidate performance based on Self-Assessment, Term End Assessment, completion of Project Work, participation in Webinar, participation in student-faculty chat.
- Grading will be done based on alphabetical grade point percentage.

## Certification

At the end of the program the student will be awarded a Certification from Astron Institute of International Studies and respective hospital for undergoing onjob training.