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## ASTRON INSTITUTE OF INTERNATIONAL STUDIES

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# Online Diploma in Endoscopy Technician

### Benefits to the Individual

- It gives you the chance to work in a healthcare setting.
- It gives knowledge and skills required to work as an entry level endoscopy technician.
- As an occupation in healthcare the chance to provide assistance and support to patients and their families undergoing endoscopy procedures.
- Sounds technical knowledge and skills to handle endoscope.

### Benefits to the Organisation

- Skilled human resources for better management of patient during endoscopy
- Trained workforce with technical knowledge and aptitude of handling sophisticated endoscopes
- Trained technical support to surgeons, Doctors and Endoscopy Nurse



## About AIIIS

**Astron Institute of International Studies (AIIIS)**, an academic vertical of Astron Group, Gurgaon, is focused on the intensively growing and continually developing fields of public and community health with emphasis on the underserved section of society at large. It envisions promoting excellence in Healthcare, Research, Education, Training, Skill Enhancement and Consultancy Services. According to National Health Policy 2015 there is a need for planned expansion of allied technical skills including medical and paramedical workforce. AIIIS with its Vision and Mission to contribute to the fulfilment of that goal, works towards development of healthcare workforce with specialised skills and knowledge.

## Program Overview

Endoscopy Technician diploma program provides students with the knowledge and skills required to work as an endoscopy technician (also known as a GI technician or a GI endoscopy technician). Endoscopy technicians assist physicians and nurses with endoscopy procedures and other minimally invasive procedures. Endoscopy involves looking inside the body for medical reasons by use of an endoscope. Unlike most of other medical imaging devices, endoscopes are inserted directly into a body organ, tract or system. Endoscopy technician helps in preparing and caring for the medical instruments and equipment used during endoscopic procedures and also responsible for maintaining examination areas clean by setting up room and cleaning instruments. Students enrolled in this program will learn how to assist in a variety of endoscopic procedures. The training will also cover sterilization techniques, including the proper method for decontaminating and sterilizing medical instrumentation and equipment. Students will gain a solid understanding of microbiology and infection control. Other topics covered in this program include basic anatomy, physiology, surgical instrumentation and sterile processing environments.

## Who is a Endoscopy Technician

An endoscopy technician is a medical assistant who helps endoscopy nurses and physicians in the gastroenterology (GI) specialty. They deal with patients who have stomach or intestine problems, or those who are undergoing treatment for serious illnesses like colorectal cancer. They usually work in hospitals, but they can find positions at smaller clinics or physician offices.

## Objectives

- To understand the handling of endoscope and advanced technology which helps in finding out the gastrointestinal diseases
- To understand the concept of endoscope and its advantages
- To understand the functioning, maintenance of endoscope and its sterilization

## Eligibility Criteria

\* Minimum eligibility is 10+2 from Central or State board

## Program Duration

Duration	Certificate
One Year (9 Months Theory Classes and 3 Months Hospital Training)	• Astron Institute of International Studies (AIIIS)

## Contents

1. Human anatomy and physiology
2. Introduction to endoscope and its basic theory
3. Roles and responsibilities of endoscopy technician
4. Endoscopy unit and staff
5. Endoscopic equipment
6. Disinfection of endoscope
7. Quality assurance in reprocessing
8. Antibiotic prophylaxis for GI endoscopy
9. Upper gastrointestinal endoscopy examination technique
10. Common diseases diagnosed by endoscopy



## Course Highlights

- Program pedagogy which includes Webinar, Student Faculty Chat by Subject Experts and Project Work.
- Reference subject through E-library.
- Program materials developed by Experts.
- Each block culminating into a qualifying Assignment.
- Credit based teaching outcomes for global application



## Evaluation 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.

## Career Pathway

- 10+2 you are here
- Endoscopy technician
- Senior endoscopy technician
- Supervisor

