

Benefits to the Individual

- Academic excellence and enhanced skills in the field of medical laboratory.
- Leadership capabilities to supervise and lead laboratory team.
- Develop ability to practice Quality Assurance in laboratory services.
- Sound technical knowledge and skill to handle sophisticated laboratory equipment.

Benefits to the Organization

- Skilled human resource to better manage the functions of a Medical Laboratory.
- Technical support to Laboratory Managers.
- Better understanding of user needs and organisational priorities.

For Registration Call
8800893636
8800279462
0124-4546200

ASTRON INSTITUTE OF SOCIAL SCIENCES

Corporate Office :
Surya Kiran Complex, Old Mehrauli Gurgaon
Road, Gurgaon, Haryana(INDIA)-122001
Phone: +91-124-4546200, +91-124-4009264
Mobile : 8800893636, 8800279462
E-mail : contact@astroninstitute.in
Website www.astroninstitute.in



Diploma Program In Medical Laboratory Technology



**International
Accreditation
Organization, USA**

About AISS

Astron Institute of Social Sciences (AISS), 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. AISS, with its Vision and Mission to contribute to the fulfilment of that goal, works towards development of healthcare workforce with specialised skills and knowledge.

Why AISS?

- Accredited by International Accreditation Organization, USA.

Program Overview

To meet the burgeoning shortage of qualified and well trained Medical Laboratory technicians in India, AISS has conceptualized Diploma programs in Medical Laboratory Technology. Diploma program is 12 Months full time program that prepares individuals to perform complex investigations for diagnosis, treatment and prevention of diseases. The program has a blended approach encompassing both theory and clinical aspects and offers live classroom sessions, skill Lab, on-the-job training and internship. The program has been structured to provide progressive group learning among the students enrolled through case studies, assignments, presentations and group work.

Who is a Medical Laboratory Technician?

Medical Laboratory Technician is an allied healthcare professional who is concerned with the diagnosis, treatment and prevention of disease through the use of laboratory tests. The Medical Laboratory Technician is a vital component of the laboratory set up and assists the microbiologist and pathologist in streamlining operations of the laboratory functions. Medical Laboratory Technicians handle tissue and fluid samples, analyses them to generate data used by doctors or researchers for a variety of purposes.

Aim

To provide premiere education and training through blended learning in the area of Medical Laboratory Technology.

Objectives

- To provide essential knowledge and skills in all aspects of laboratory technology.
- To understand the functioning, maintenance, monitoring and safety aspects of laboratory equipment.
- To enable individuals demonstrate a high level of technical proficiency and problem solving ability in laboratory working.
- To acquire advanced interpersonal and communication skills.

Eligibility Criteria

Minimum eligibility is 10+2 from Central or State board with Science or without Science Stream, Level 3 Phlebotomy with experience of minimum three years in the laboratory set-up.

Program Duration

Duration	Certification
One Year Diploma Program	International Accreditation Organization, USA Astron Institute of Social Sciences

Contents

- Medical Terminology
- Basic Laboratory Procedures
- Haematology
- Serology
- Microbiology
- Clinical Pathology
- Cellular Biotechnology
- Phlebotomy
- Computer Applications in the Laboratory

Highlights

- Program Pedagogy with blended approach and in line with National occupational Standards and Global practices.
- Appropriate interplay of course work and clinical work.
- Classroom lectures and skill lab by subject experts and market leaders.
- On-the-job training in state-of-the-art healthcare facilities.
- State-of-Art-Library with latest resources.
- Students encouraged for Self-directed learning.
- Guided article review and case presentations.

Pedagogy

The program will be a balanced mix of lectures, experience sharing, real life case studies, case presentation, extensive computer exercises (hands-on) and project work.

Evaluation and Grading

- Classroom Assessment
- Project Work
- Group Work
- Case Presentation
- Article Review

Career Path

