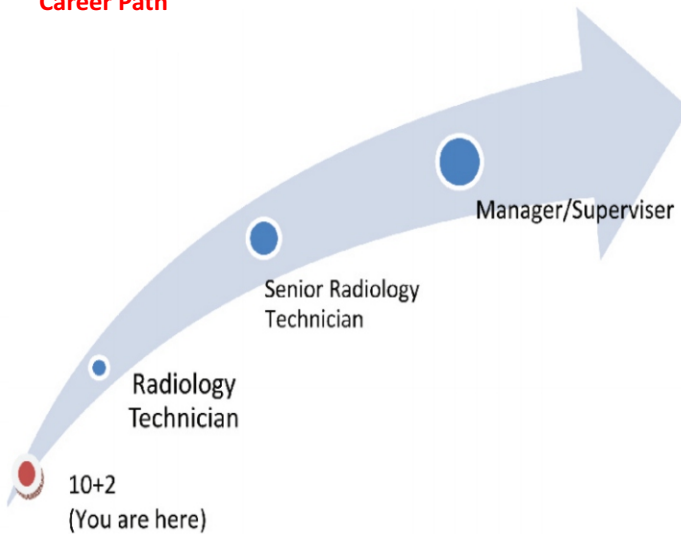


Evaluation and Grading

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

Career Path



Benefits to the Individual

- Academic excellence and enhanced skills in Radiology technology
- Sound technical knowledge and skill to operate and handle sophisticated radiology equipment

Benefits to the Organisation

- Skilled human resource to manage radiological imaging procedures
- Skilled human resource to better manage sophisticated and high tech medical equipment.
- Technical support to radiologists
- Better understanding of user needs and organisational priorities

For Registration Call
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Diploma Program in Radiology Technology



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

Radiology is a type of medical imaging that doctors use to diagnose conditions ranging from broken bones to tumours. The image is obtained by a Radiology Technician which helps doctors to diagnose and treat illnesses and injuries with greater accuracy and finesse. Diploma Program in Radiology Technology has been conceptualized to teach the candidates the basic role of a radiology technician within a healthcare setting and usage of radiology equipment. The program is designed to offer lecture based sessions, skill lab sessions and on-the-job training. Diploma program in Radiology Technology is a 12 months full time program that prepares an individual for the position of a radiology equipment operator. The program has a blended approach encompassing both theory and clinical aspects. The program has been structured to provide progressive group learning among the students enrolled through case studies, presentations and group work. The program in Radiology Technology not only trains the students to work as a radiology technician, but also prepares him/her for supervisory, managerial and mentoring positions within a healthcare setting.



Who is a Radiology Technician

A Radiology Technician is a healthcare professional who performs diagnostic imaging procedures under the guidance of a Radiologist. Radiology technician is a trained professional who works with X-rays and other medical imaging devices such as magnetic resonance imaging (MRI) scans and computed tomography (CT) scans. They also make use of radioactive substances to aid, the diagnosis of specific medical conditions. The Technician is a vital member of the radiology team. Radiology technicians can work at hospitals, clinics and teaching institutes. They are well trained to suitably fit in supervisory and managerial roles as their experience progresses. They are also called Radiographers.

Aim

To provide premiere education and training through blended learning in Radiology.

Objectives

- To learn techniques of obtaining images of high diagnostic quality and precision.
- To understand the usage of equipment in patient diagnosis and treatment.
- To understand the functioning, maintenance, monitoring and safety aspects of radiology equipment.
- To acquire advanced interpersonal and communication skills.
- To acquire good patient interaction skills.

Eligibility Criteria

Minimum eligibility is 10+2 from Central or State board with Science or without Science Stream.

Program Duration

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

Contents

- Radiation Biology and Radiation Physics
- Basics of Anatomy and Physiology
- Radiology Equipment
- Radiographic Procedures
- Imaging Analysis
- Radiation Safety
- Infection Control Practices & Bio-medical waste Management
- Patient Care and Positioning
- Administrative Skills & Communication Skills

Highlights

- Program Pedagogy with a blended approach and in line with 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 programme will be a balanced mix of lectures, experience sharing, real life case studies, case presentation, extensive computer exercises (hands-on) and project work.

