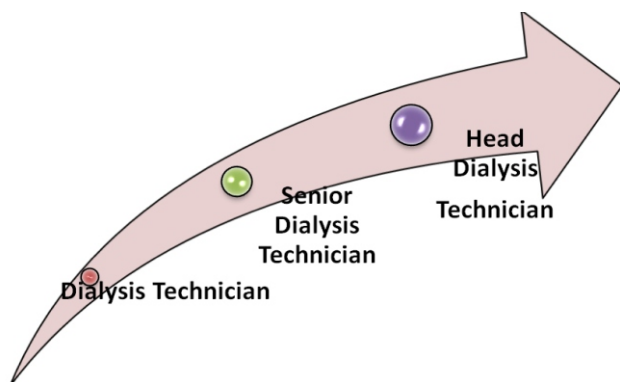


Diploma in Dialysis Technology

Career Path



Benefits to the Individual

- Enhanced skills and capabilities as Dialysis Technician
- Leadership capabilities to supervise and lead the Dialysis team in the department
- Sound technical knowledge and skills to handle dialysis equipment

Benefits to the Organization

- Skilled human resource for better management of patients during dialysis.
- Trained workforce with technical knowledge and aptitude of handling sophisticated dialysis equipment
- Trained technical support to Nephrologists.

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**International
Accreditation
Organization,**

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.
- Course recognized by Indian Medical Association.
- Knowledge partner to Association of Healthcare providers of India.

Program Overview

Diploma in Dialysis Technology has been structured to train technicians to be an effective part of the Nephrology team. There is a growing demand of Dialysis Technicians in hospitals with an increase in diabetic patients and increasing awareness about renal diseases and the implications. These technicians will bridge the gap between the Nephrologists and patients thereby facilitating their care. The technicians are given hands on training of dialysis equipment and its maintenance. The program has been structured to provide progressive group learning among the students enrolled through case studies, presentations and group work.

Who is an Dialysis Technician?

Dialysis technicians are an important member of the nephrology team. They are trained to perform dialysis on patients who are suffering from kidney disorders. Their job entails not only operating the dialysis machine, but preparing patient for the procedure and then giving patient care after the procedure. During dialysis treatment, the technicians ensure that the dialysis machine is operating properly and the procedure is carried out smoothly. Dialysis technicians are technicians are also trained to maintain the dialysis equipment.

Aim

To provide premiere education and training through blended learning in the area of dialysis technology.

Objectives

- To understand the handling of Dialysis equipment and provide care to the renal patients.
- To understand the concept of dialysis and its advantages
- To understand the functioning, monitoring, maintenance and safety aspects of dialysis equipment and clinical practice.

Eligibility Criteria

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

Program Duration

Duration	Certification
One Year (9 Months Theory Classes and 3 Months Hospital Training)	International Accreditation Organization, USA Astron Institute of Social Sciences
2 Years Diploma Program	Indian Medical Association

Contents

- Anatomy
- Physiology
- Medical Terminology
- Principles of Dialysis
- Dialysis Procedures
- Haemodialysis Technology
- Equipment Maintenance
- Patient Safety and Quality Assurance
- Computer Skills & Application
- Medical Law and Bio-ethics

Highlights

- Recognised by Indian Medical Association (IMA).
- Accredited by International Accreditation Organization, USA.
- Course Pedagogy with 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.

Evaluation and Grading

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