

COURSE: - BSc. RENAL DIALYSIS TECHNOLOGY

Introduction:

The Renal Dialysis Technology is one of the best innovative and pioneering academic training programs in Allied Health Sciences. The growing awareness of the Kidney diseases among the people and increasing numbers of Dialysis facilities resulted in steep demand of Renal Dialysis Technicians.

The Renal Dialysis Technology is a life saving cum Quality of life providing field which has direct health impact on chronic renal disease patients. With advances in technology as well as in user – friendly gadgets and methods, Renal Dialysis Technology has dramatically improved the longevity of these patients. Dialysis technologist also plays an innovative role in Human Organ Transplantations as a Transplant Coordinator.

They are trained to evaluate, operate & troubleshoot dialysis machines. They prepare the patients & monitor dialysis treatment. They frame protocols for equipment evaluation & Training materials for patients & staff under the expert guidance of qualified doctors & nurses.

Objectives: The overall purpose of the Renal Dialysis Technology is to enable Allied Health Professionals to provide high quality care for patients.

Duration: - Duration shall be for a period of Four years including twelve months of Internship.

Course Structure:

First Semester Subjects <ul style="list-style-type: none">• Anatomy• Physiology• Biochemistry• Medical Terminology• English	Second Semester Subjects <ul style="list-style-type: none">• Pathology• Microbiology• Pharmacology• Kannada• Healthcare	Third Semester Subjects <ul style="list-style-type: none">• Applied Anatomy• Applied Physiology• Applied Pharmacology• Computer application/programming• Environment science and Health
Fourth Semester Subjects <ul style="list-style-type: none">• Applied Pathology• Applied Microbiology• Introduction to Renal Dialysis Technology• Biostatics and Research methodology• Constitution of India	Fifth Semester Subjects <ul style="list-style-type: none">• Hemodialysis• Renal Replacement Therapy• Medicine related to Renal Dialysis Technology• Medical Psychology	Sixth Semester Subjects <ul style="list-style-type: none">• Renal diet and Nutrition• Renal Transplantation• Peritoneal Dialysis• Hospital management

Special Features:

- A dialysis unit attached to Srinivas Hospital with full time exposure to patients
- Competent & highly skilled teaching staff with vast experience in Dialysis.

Career Opportunities:

- Dialysis technology graduates can successfully get job at hospitals, clinics or healthcare setups offering dialysis treatment.
- They can work as Dialysis technician Dialysis supervisor/Dialysis therapist/Dialysis assistants
- Can work at firms manufacturing & marketing dialysis equipment



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