

## **1. NAME OF THE COURSE: B.ScRenal Dialysis Technology**

### **2. ABOUT THE COURSE:**

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.

### **3. ADMISSION CRITERIA:**

Admission to the B.ScRenal Dialysis Technology programme in any year will be based on the results of Srinivas University Entrance Test (SUET) held that year.

### **4. DURATION OF THE COURSE:**

Duration shall be for a period of three and half years including six months of Internship.

### **5. ELIGIBILITY:**

1. Two year Pre-University examination or equivalent as recognized by University with Physics, Chemistry and Biology as principal subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by University, (Two years after ten years of schooling) with Physics, Chemistry and Biology as principal subjects of study.

OR

3. Any equivalent examination recognized by the University for the above purpose with Physics, Chemistry and Biology as principal subjects of study.

OR

4. The vocational higher secondary education course conducted by Vocational Higher Secondary Education, Government of Kerala with five subjects including Physics, Chemistry, Biology and English in addition to vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

OR

5. Candidates with two years Diploma from a recognized Government Board in a subject for which the candidate desires to enrol, in the respective B.Sc. Renal Dialysis Technology shall have passed plus 12 [10+2] with Physics, Chemistry and Biology, as principal subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enrol.

6. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by University, fulfilling the conditions specified above under Sl. No. 5 and these students are eligible to take

admission on lateral entry system only in the same subject studied at diploma level.

## 6. COURSE CONTENT:

<u>First year Subjects</u>	<u>Second Year Subjects</u>	<u>Third year Subjects</u>
<ul style="list-style-type: none"> <li>➤ Human Anatomy</li> <li>➤ Physiology</li> <li>➤ Biochemistry</li> <li>➤ Pathology</li> <li>➤ Microbiology</li> <li>➤ English</li> <li>➤ Kannada</li> <li>➤ Health Care</li> </ul>	<ul style="list-style-type: none"> <li>➤ Applied Anatomy &amp; physiology related to dialysis technology</li> <li>➤ Pharmacology related to dialysis technology</li> <li>➤ Concepts of renal disease &amp; its management</li> <li>➤ Applied aspects of pathology &amp; microbiology</li> <li>➤ Sociology</li> <li>➤ Constitution Of India</li> <li>➤ Environment Science &amp; Health</li> <li>➤ Nutrition</li> <li>➤ Basics in renal dialysis technology</li> </ul>	<ul style="list-style-type: none"> <li>➤ Applied Dialysis Technology - I</li> <li>➤ Applied Dialysis Technology - II</li> <li>➤ Ethics, Database management</li> <li>➤ Research &amp; Biostatistics</li> <li>➤ Computer application.</li> </ul>

## 7. SCOPE OF THE COURSE:

- 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

## 8. 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.

## 9. ENTRANCE EXAM:

Entrance exam will be conducted every year in the last week of June or first week of July and students will be selected based on the rank system.

## 10. COURSE REGULATION DETAILS:

### WITHDRAWAL FROM COURSE

Candidates can withdraw from the course before the commencement of the same and not once classes have already begun. Discontinuation will not be permitted unless the total fee of the program is paid by the student.