

COURSE: MSc Respiratory Care Technology

INTRODUCTION: M.Sc Respiratory Care Technology is a course designed to provide in depth knowledge about initiation and weaning of mechanical ventilation, for initial set up of conventional ventilators and non invasive including calibration and trouble shooting of adult, paediatric and neonates. They can also perform Clinical assessment of patients with cardio respiratory disorders, pulmonary function tests, diffusion lung capacity test.

The course is designed as a full time residency program with responsibilities in managing the patients. The Post graduate student must take part in seminars, short topic discussions, case discussions, journal club presentations and clinical postings. The Academic training also includes lab work, experimental work and Dissertation.

Objectives:

- To study the Foundation of Respiratory Care Technology.
- To improve the knowledge through clinical exposure and research.
- To study in depth about Respiratory Care Technology and develop expertise in the subject.
- Develop and learn efficient teaching techniques to become an ideal teacher.
- Develop leadership qualities and contribute to the society.

Duration: - Duration shall be for a period of Two years spread out in 4 semesters.

Special features:

- 25 bedded ICU with ventilator support.
- Competent & highly skilled Anaesthesiologists, Pulmonary Medicine experts, Respiratory Care Technologists, to impart requisite training.
- Well equipped Pulmonary Function test Lab with DLCO machine.

Career opportunities:

Post Graduates holding the above degree have immense scope to work in both India and abroad in Corporate Hospitals, Medical Colleges, Nursing Home as a Respiratory care Technologists. They can also work in Multi national companies as application specialists. They can also Join Teaching profession in India as well as abroad.