

Healthcare

Introduction of the Sector

Health Care comprising of hospitals, medical devices, clinical trials, outsourcing, telemedicine, medical tourism, health insurance and medical equipment has become one of India's largest sectors – both in terms of revenue and employment. With increased awareness about health, domestic healthcare, medical tourism and health insurance markets are gaining momentum, offering opportunities for trained personnel.

Post Graduate Diploma in Critical Care Technology

Course Introduction

This course is created to address the manpower shortage in the Intensive Care arena. The future medical environment will require versatile trained individuals in a variety of medical interventions. Currently clinicians are overwhelmed by technical advancements in the health care and it has become imperative that trained technicians are available to deliver competent care to the patients using current technology and be equipped to address future modifications in the current practice. Addition of trained ICU Technicians capable of handling mechanical ventilators and other ICU related equipment are an asset that strengthens and facilitates the functioning of an Intensive Care Unit.

Eligibility for Admission

The candidate should have completed B.Sc Nursing, BHMS, BAMS & BUMS with 2 years' experience of working in Intensive Care Department / Emergency Department/ EMS; MBBS, B.Sc Nursing with Certificate in Critical Care Nursing/ Emergency Care Nursing; BHMS, BAMS, BUMS with PGD in Emergency Medical Service or equivalent **B.Sc (EMT)/ B.Voc (EMS) or equivalent**

Employability

The employability for Intensive Care Technologist is in large hospitals, major nursing homes having ICUs.

Career Prospects

The students with PG Diploma in Critical Care Technology have wide range of job opportunities open. They get job as Intensive Care Unit Technologist, Emergency Medicine Physician, CAT Technician, Dialysis Assistant. Respiratory Therapist and Critical Care Technician.

Semester Wise Distribution of Course Credit and Hours

SEMESTER I

Subject Code	Subject Name	Hours	Credits
Module 1	Basic Ventilation	90	6
Module 2	Basics of Critical Care Technology -1	90	6
Vocational Practical	Practical	540	18
Total		720	30

SEMESTER II

Subject Code	Subject Name	Credits	Hours
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Module 3	Advance Ventilation	6	90
Module 4	Basics of Critical Care Technology - 2	6	90
Vocational Practical	Practical	18	540
Total		30	720

Programme fees: Rs .72,000/-per annum

Examination fees: Rs.2,500/- per semester and Rs. 5000 per annum

Caution Deposit (Refundable): Rs.5000

