

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 Emergency Medical Services

Course Introduction

A Post Graduate Diploma in Emergency Medical Services is a course that envisages to build in an overall expertise in the student, of performing Emergency Medical Services especially special tests. The students would be capable of performing a range of tests such as those related to clinical biochemistry, haematology, serology, cytogenetics in an emergency situation.

The main goal of the **Post Graduate Diploma in Emergency Medical Services Course (PGDEMS)** is to produce highly efficient medical resource with the necessary knowledge, skill and attitude to manage in an effective manner, a wide range of clinical problems in Emergencies. Special emphasis are placed on the relatively common emergencies & train them for clinical skills, required to manage them at utmost importance.

As a result of training in this course, the medical professional should become competent in life saving emergency interventions during Pre Hospital Emergency Care efficiently & promptly to save the critically ill patient within the golden hour that is most required.

In order to be considered a competent emergency medical resource, he must possess humanistic qualities, attitudes and behaviour necessary for the development of appropriate patient-healthcare professional relationship.

On successful completion of the course the participant will have highly demanding skills and competencies to work in the field of Pre hospital Emergency and Accident and Emergency Departments of Hospitals. The skills acquired during the course equip them to assess and manage medical and trauma emergencies at the pre-hospital and emergency department level. The versatile nature of training also makes a candidate of choice for employment in 'A&E' room of a hospital, EMS systems, and On-site clinics of the factories and off shore installations.

The course lays foundation for diverse kinds of skills and competencies relevant for the specific job-role. The course is designed as per standards set by industry.

Eligibility for Admission

The candidate should have completed graduation in one of the following degree courses: MBBS/BHMS/BAMS/BUMS/BDS/B.Sc. (Nursing)/ B Voc. in EMS, BPMT (Anaesthesia) , BPMT (EMS) or equivalent.

Employability/Skill enhancement

Undergoing the trauma care diploma will give the students an upper hand in comparison to others, as they will receive additional specialized training as follows:

- Awareness of entire skill set required in Pre-Hospital Medical and Traumatic Emergencies
- Adaptability to efficiently deliver emergency care, work and operate emergency medical services.
- Special training in handling Airway, Breathing, Circulation and Deformity

Ability to assist Emergency Physicians effectively in entire spectrum of pre-hospital emergencies and emergency room patient care.

Understanding of careful handling of medical and traumatic emergencies in adults, children and infants

Ability to observe and deliver emergency care as per the standard pre-hospital care protocols.

Ability to administer efficient emergency care on the streets, patients home and Emergency Departments of the Hospitals.

Training in administering lifesaving medication under the guidance of the Emergency Physician or Medical Director of the EMS System

Ability to work in EMS systems

Effective handling of Ambulance operations

Awareness regarding various techniques in managing the Airway, Breathing, Circulation, Defibrillation, Lifts and Carrying the patient, routes of administration of medications, bandaging and splinting and other lifesaving medical and surgical interventions

Career Prospects

The students with PG Diploma in Emergency Medical Services have wide avenues open.

They have many employment opportunities in provincial emergency and rescue services, private emergency services, the mining industry, as well as international occupational health, safety and emergency services. They get placed as Clinical Investigator, Clinical Research Physician, Medical Coordinator, Quality Analyst, Scientific Affairs Medical Advisor, Strategy Manager, Surgery Coder and Technology Analyst.

Semester Wise Distribution of Course Credit and Hours

Subject Code	Subject Name	Credits	Hours
Module 1	Preparatory	10	150
Module 2	Trauma & Medical Emergencies I	10	150
Vocational Practical	Practical	10	300
Total		30	600

Subject Code	Subject Name	Credits	Hours
Module 3	Medical Emergencies II	30	2
Module 4	Operations	30	2
Vocational Practical	Practical- Hospital	780	26
Total		840	30

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

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

Caution Deposit (Refundable): Rs.5000

