

VIVO- Basic Emergency Medical Technician (EMT-B)

EMTs are trained to provide Basic Emergency Medical Care to critical and emergency patients. They are skilled in all levels of Basic Life Support procedures, use of an Automated External Defibrillators (AED), and the administration of some emergency medications. EMTs perform initial medical assistance with the basic equipment typically found on an ambulance by providing Basic Emergency Care to patients who access the EMS system.

Objectives

After completion of this course, the student will be able to

- Understand the importance of EMS system and its components
- Perform cardio pulmonary resuscitation in adults, children, and infants
- Perform basic airway management
- Understand how to assess and treat medical and traumatic emergencies
- Perform different types of emergency moves
- Understand how to use an Automated External Defibrillator (AED)



Course Description

- Anatomy and Physiology
- Patient assessment including history taking
- Monitoring vital signs & neurological status
- Cardio Pulmonary Resuscitation (CPR)
- EMS Systems
- Basic Airway Management
- Airway Maneuvers
- Supplemental oxygen therapy
- Medical & Trauma Patient Assessment and Documentation
- Cardiovascular Emergencies
- Respiratory emergencies
- Obstetrics and Gynaecologic Emergencies
- Pediatric Assessment Emergencies
- Trauma Emergencies–Head, Neck & Spine, Soft tissue, Abdominal, Thoracic
- Recognition & Management of Shock
- Trauma in pregnancy
- Geriatric emergencies
- Environmental Emergencies
- Movement and transferring of patient

Highlights

- **Theory+Simulation** : 350 Hours
- **Hospital+Ambulance Internship** : 360 Hours
- **Eligibility** : 10+2
- **Duration** : 710 Hours/6 Months
- **Certification** : VIVO/HSSC/NSDC