



# NATIONAL EMT DAY - 2016

APRIL 02



## NATIONAL EMT DAY 2016 (02<sup>nd</sup> April 2016)



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***“Aims at attending 30 million emergencies and saving 1 million lives annually”***

### **Introduction to EMT Day**

GVK Emergency Management and Research Institute is now serving 750 million people spread in 15 States and 2 Union Territories with a fleet of nearly 11000 ambulances and thereby recognized as World’s largest EMS provider. This coveted position was accomplished in a period of only ten years of journey. GVK EMRI has introduced organized pre hospital care in India. Emergency patients and other beneficiaries in urban, rural and tribal regions are obtaining free EMS services with the able support of state governments in PPP framework. Three out of four beneficiaries of our services are from poor economic strata.

Ambulance based pre hospital care services are directly rendered by none other than Emergency Medical Technician (EMT). EMT and Pilot as our ambulance team, deliver services. EMT skills save lives. Vision of GVK EMRI to save one million lives and 30 million emergencies annually can only be realized by the professional pre-hospital care rendered by EMTs under medical guidance of ERC Physicians. Therefore, EMTs are always considered HEROs of GVK EMRI. Every year 02<sup>nd</sup> April is celebrated as National EMT Day to recognize the services of our EMTs. This announcement is a milestone in the history of emergency medical services of India. It is an occasion to recognize, reward, appreciate EMT’S. It’s an occasion to thank all the EMT’S who are committed to the mission of saving lives. It’s a time to congratulate all life savers.



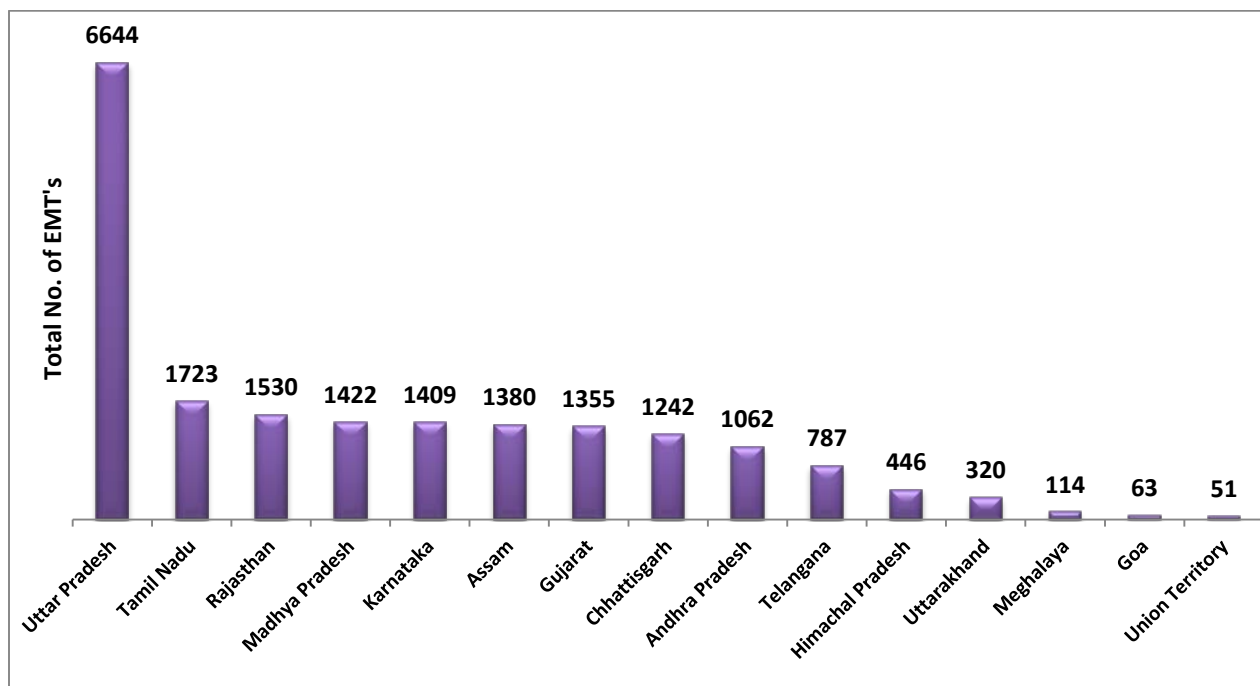
### **Emergency Medical Services**

Emergency Medical Services (EMS) systems across the globe have identified the theme of "EMS STRONG: Called to Care" for the year 2016. Focus of the theme is to give EMS a significantly greater visibility among other health professions and communities. EMS has now become an indispensable healthcare continuum in India by the wide spread services of GVK EMRI. This theme also brings together local communities and medical personnel to publicize safety and honor the dedication of EMTs who provide the day-to-day lifesaving services of medicine's "front line."

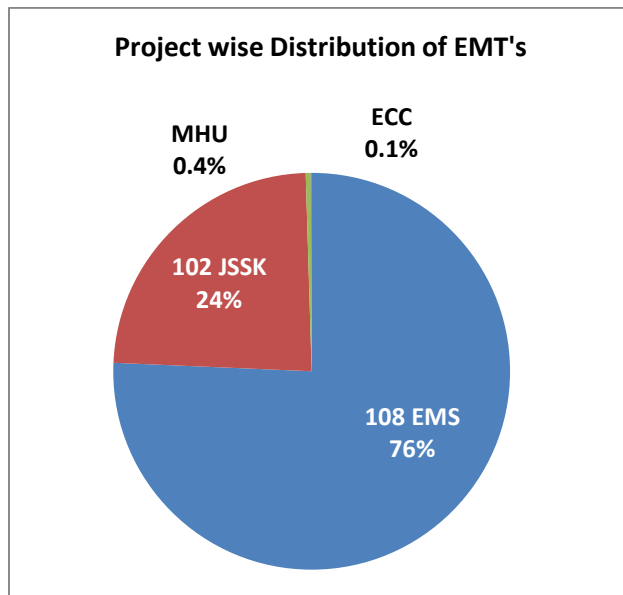
Emergency Medical Technician (EMT) is a term used in various countries to denote a healthcare provider trained to provide pre-hospital care in the ambulance or in an emergency room of the hospital. An EMT is trained to render immediate care for the sick and injured. The job of an EMT is multifaceted, presenting numerous challenges in a variety of emergency environments. EMTs utilize mobile communication, ambulances and sophisticated emergency care equipment. They provide Basic Life Support procedures at the scene and en-route to the hospital. They are frequently required to work schedules that include midnight, evening and weekend shifts and in challenging environments.



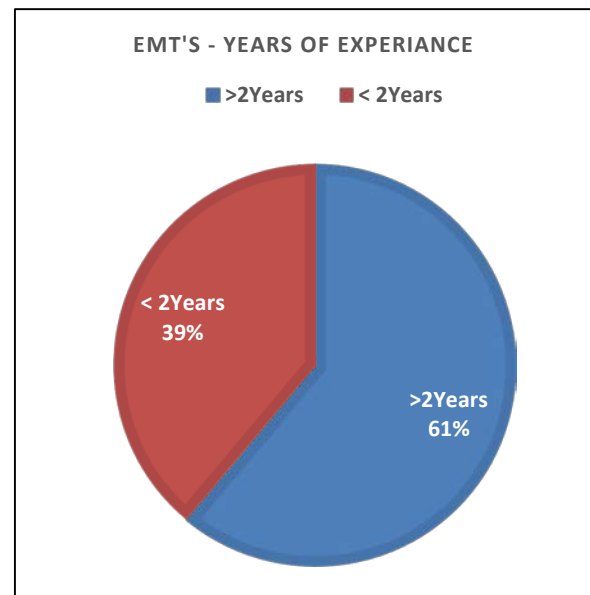
**State wise EMTs on Roll:**



### Project Wise Distribution of EMTs



### EMTs at GVK EMRI, Years of Experience



\*\* MHU – Mobile Health Unit, ECC - Emergency Care Center

### Roles of EMTs

- **Early detection** – members of the public, or another agency, find the incident and understand the problem
- **Early reporting** – the first persons on scene make a call to the emergency medical services and provide details to enable a response to be mounted
- **Early response** – the first professional (EMS) rescuers arrive on scene as quickly as possible, enabling care to begin
- **Good on-scene care** – the emergency medical service provides appropriate and timely interventions to treat the patient at the scene of the incident
- **Care in transit** – The emergency medical services load the patient in to suitable transport and continue to provide appropriate medical care throughout the journey
- **Record keeping/data collection** - some type of record is developed and data are collected on every patient seen in the EMS system. The record includes details about the circumstances of the call, results of the assessment, and description of any care provided by the EMTs.
- **Patient advocacy** - the EMT must represent the patient and act in the patient's best interest until that responsibility can be passed on to another EMS provider.
- **Related functions** - the EMT may perform other duties at times which may include restocking supplies in the ambulance, extrication, community education, and other duties.
- **Integrity & Honesty:** EMT is face of the organization. So they must show their honesty & integrity towards people/victim, when they were on duty or off duty also.



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### Important qualities of EMTs

- **Life support Skills:** EMTs must ensure active learning and retention of life support skills as per the training and project specifications
- **Compassion.** EMTs must be able to provide emotional support to patients in an emergency, especially patients who are in life-threatening situations or extreme mental distress.
- **Interpersonal skills.** EMTs must be able to coordinate their activities closely with others in stressful situations.
- **Listening skills.** EMTs need to listen to patients to determine the extent of their injuries or illnesses.
- **Physical strength.** EMTs need to be physically fit. Their job requires a lot of bending, lifting, and kneeling.
- **Problem-solving skills.** EMTs must evaluate patients' symptoms and administer appropriate treatments.
- **Speaking skills.** EMTs need to clearly explain procedures to patients, give orders, and relay information to others.

### Special status of EMTs at GVK EMRI

Emergency Medical Services at GVKEMRI are provided by EMTs having different levels of competencies. They are broadly grouped as Basic and Advanced EMTs. To some extent, these will be determined by country and setting, with each individual country having its own 'approach' to how EMS should be provided, and by whom. In GVK EMRI the following categories of EMTs are providing services:

- **Basic Life Support(BLS) Ambulance EMTs**
- **Advanced Life Support (ALS) Ambulance EMTs**
- **Neonatal Life Support (NLS) Ambulance EMTs**
- **Emergency Care Centers (ECC) EMTs**
- **Inter Facility Transfers (IFT) EMTs**
- **Boat Ambulance Services EMTs**
- **Hospital Based (HB) EMTs**
- **Advanced Post Graduate Diploma in Emergency Care (Advanced EMTs)**

2- Year trained Advanced EMTs obtain APGDEC certificate from Osmania University, Hyderabad and a registration number from Telangana Paramedic Board. Advanced EMT can carry out interventions like endo-tracheal intubation, interpret ECG and initiate ACLS protocols using defibrillator. In addition, Advanced EMTs will also have higher level of critical thinking and ability to manage pediatric, medical, and obstetric and trauma emergencies. EMTs working in various states who have shown commitment and knowledgeable are nominated for two years Advanced EMT course at GVK EMRI with the permission of respective state governments.



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Training of EMTs has been a priority agenda at GVK EMRI since inception. Foundation and refresher training are mandatory. Exclusively developed foundation and refresher learning kits are given to each and every EMT to ensure standard inputs during the training and to be used as ready reference regularly. 108 EMTs are also trained in BLS, ITLS and BLSO global life support skills certifications. EMTs with experience are not only working in ambulances at GVK EMRI but are also working in Quality, Analytics, On-Line-Medical Research (OLMR), departments of our organization. EMTs are also promoted as EMEs, EMLC Instructors/ Preceptors, ECCs etc.

In the last year, GVK EMRI and Stanford collaboration focused on new refresher EMT training initiative with focus on special modules of patient assessment, medical & trauma, obstetric, pediatric EMS. These modular refresher learning in other critical aspects in near future will enable high quality and international standard pre hospital care at GVKEMRI.

In the last year, the status of training of EMTs working in all the operating states is compiled in a centralized MIS unit to allow recertification training annually in future.

In the last year, special PPE were provided to EMTs and Pilots during the pandemic threat of Ebola and Swine flu. Our EMTs are continuing to get protection by vaccination as well.

In the last one year, GVK EMRI has also developed a new cadre of Emergency Room Technician (ERT) to make possible speedy patient hand-over in hospitals with the support of World Bank and these ERTs are manning public hospitals at district and sub district level in Mizoram, Meghalaya and Assam. Efforts will be made to disseminate the observations and outcome of this new cadre in NE states for replication in rest of the country.

GVK EMRI in the last one year has made huge investments to establish best possible facilities for both in-house and external training at its head office in Hyderabad main campus. These investments are aimed to bring more conducive environment for learning and developing future EMS leaders. Main campus is now geared up to carry out foundation training even for EMTs from Srilanka.

EMTs who have saved lives and demonstrated professional commitment beyond the call of duty are given EMCARE awards. Such an EMT's photograph with live saved case narration is published in EMCARE magazine at the state level. Best of lives saved cases from each of our operating state is published in the national EMCARE monthly magazine. EMCARE magazine is distributed to all stakeholders including government officials and EMTs/ Pilots. Many important visitors and well wishers of GVK EMRI have praised our EMCARE as a right means to recognize and reward the services of our field staff and other functionaries inter-facing with the communities.

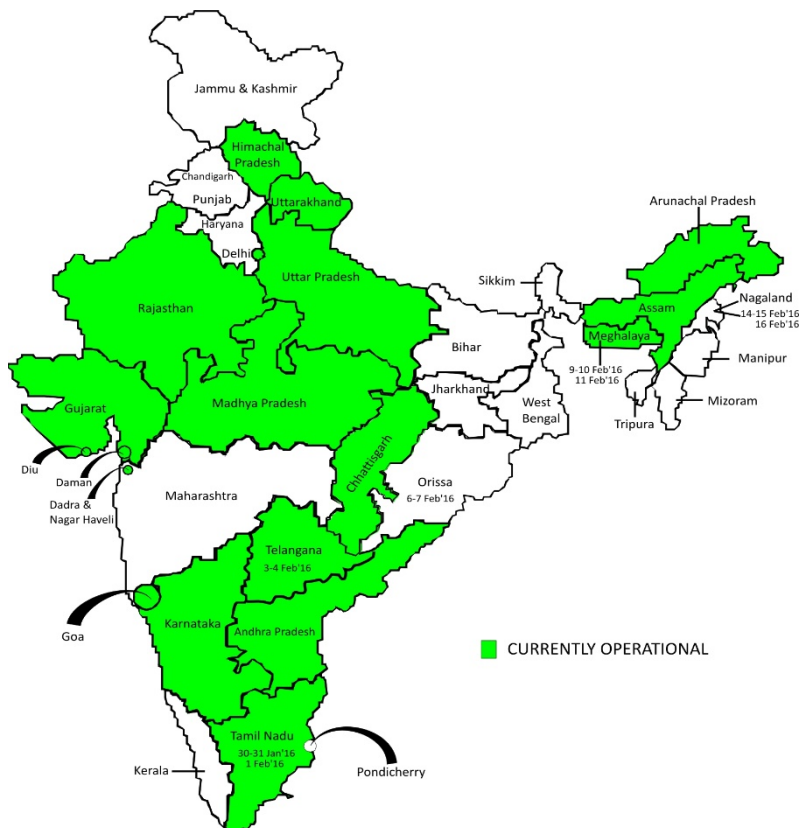
Our new technology centered V-Care initiative is helping EMTs and other field staff to register their requirement for speedy processing. V-Care initiative from HR has in fact won an award this year.

There are now strong efforts being made to use mobile based applications to enable our EMTs to document different aspects of their functioning include PCR in electronic format. Pilot studies are in very advanced stage. In the coming months, technology enabled document will make GVK EMRI take a leap forward not only strengthening services but make EMTs contemporary. It is also expected to maximize their output and reduce repetition. Government partners will also have expected to gain higher satisfaction by brining greater transparency in the operations. GVK EMRI is determined to train field supervisors and program manager in the next one year to enable supportive supervision to EMTs and Pilots and create greater value to the services and reach best possible satisfaction by the communities we serve.

**GVK EMRI National Footprints – Reaching Unreachable**

Having launched the 108 emergency response service on August 15, 2005, in Hyderabad, GVK EMRI presently provides an integrated emergency service across the state of Andhra Pradesh, with 10,199 ambulances serving over 25,024 emergencies per day.

GVK EMRI is currently operational in 15 States and 2 Union Territories i.e. Andhra Pradesh, Telangana, Gujarat, Uttarakhand, Goa, Tamil Nadu, Karnataka, Assam, Meghalaya, Madhya Pradesh, Himachal Pradesh, Chhattisgarh, Uttar Pradesh, Rajasthan, Kerala and 2 Union Territories, Dadra & Nagar Haveli and Daman & Diu.





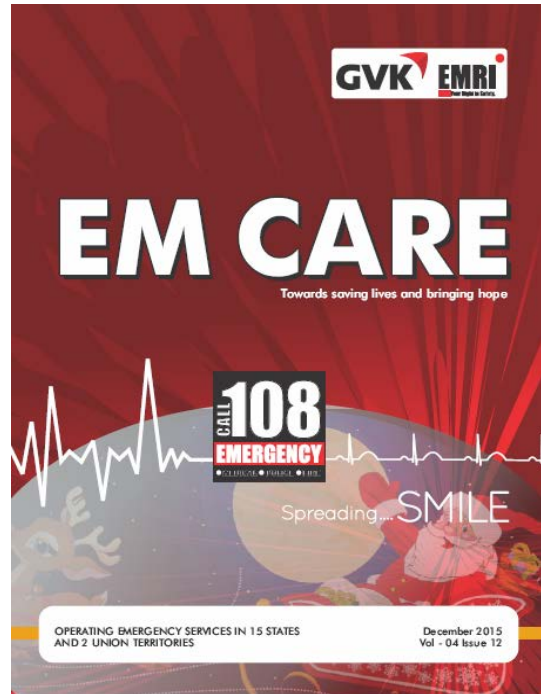


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### EMCARE:

Publication of monthly EMCARE capturing the lifesaving acts of ambulance staff beyond the call of duty, from each state and district and every month, is only a reflection of true attentiveness of GVK EMRI's on recognizing the services on a regular basis



### EMT Dealt –Road Accident – 1 Sustained Fracture & Injuries: (Victim Survived)

Handling road traffic accident cases is time bound right from the time the case gets assigned to the pre-hospital care and then admitting the patient to the hospital with no rooms for error. All this is possible due to the rigorous training received during the foundation and refresher period. -EMT: **Cordelia**



### EMT Dealt –Road Traffic Accident - Pediatrics: (Victim Survived)

“It was a heart breaking incident and less than 12 years old school kids were involved in this tragedy. I could use the triage protocols with confidence and I am very happy and proud to save the victim's life.”-EMT **Manohar Nandru**



### EMT Dealt –Road Traffic Accident: (Victim Survived)

I feel very much happy and pleasure for saving lives of a patient who was really in emergency. I got an opportunity to help someone in time of need. I gave my humble and sincere effort to the person with pre hospital care for his healthier life and also educate others also to take our noble service in the time. - – EMT **Suresh Das**





**EMT Dealt - MVA – Head-On Collision (Victim Survived)**

I am very happy that I got an opportunity to be associated with GVK EMRI 108 Ambulance services. It is very challenging to deal with trauma patients as there is lot of blood loss and patient can go into shock and we have to manage all possible causes to stabilize such patients. –EMT VEENALI NAIK.



**EMT Dealt - Road Traffic Accident: (Victim Survived)**

“I felt very happy and proud that I have rendered pre hospital care to the victim who was in an emergency. Thanking for GVK EMRI giving me an opportunity. MT-Supreme Pandiri



**EMT Dealt –LABOR CASE (MOTHER AND BABY HEALTHY)**

It Was a Scene Case with Labor Pain. This Is a Great Opportunity to serve Mother and Baby in Good Health with Help of Pilot. I Take opportunity to thank GVK EMRI, who gave good hands-on skills of labor, newborn care and high risk pregnancy management, EMT- A Vimal



**GVK EMRI Andhra Pradesh 108 Associate Mr. Guruswamy felicitated by Chairman Dr. GVK Reddy**





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**GVK EMRI TELANGANA 108 Associates getting certificate of appreciation from District Collectors on Republic Day**



Currently **GVK EMRI** has 19548 EMTs on its rolls. Majority of EMTs are working in 108 ambulances. Nearly 10 per cent of the EMTs are females. Impressively large proportion of the EMTs working in GVK EMRI are having more than 2 years of service experience reflecting the expertise and delight in working in our organization.

EMTs and GVK EMRI can continue to save lives and play an important role in reducing catastrophic expenditure among poor rural families and thereby contribute to improve quality of life. This indirectly impacts improvement in the nation's development. 2<sup>nd</sup> April as National EMT day is an EMS festival of India. let each and every EMT serving GVK EMRI be blessed by God and given best possible energy and motivation to serve people, save lives and continue to get highest social recognition from the communities they serve. EMTs growth and development is GVK EMRI's growth and development.

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