



# Profile

Institution for Disasters, Emergency & Accidents

# IDEA'S VOYAGE, INTERVENTION AND PARTNERS



Institution for Disasters, Emergency & Accidents (IDEA)



# INTRODUCTION

IDEA is an organization founded by a group of intellectual enthusiastic and works basically in the field of Disaster & Emergency Management.

To make INDIA RESILIENT and a safe and a smarter place to dwell. Making people more self sufficient and incorporating skill based knowledge into day to day activities is our prime goal.

Its preliminary educational wing is under the banner of Institution for Disasters, Emergency & Accidents (IDEA), which conducts various sorts of training and educational activities including health related solutions, besides to begin with First Aid and Basic Emergency Life Support, Triage, Mass Casualty Management, various Modules of Disaster Management, Multi-Hazard Mapping (GIS), Early Warning System, Evacuation Mock drills, Life Saving Techniques psychosocial aid and counseling, personality development, Stress relief techniques and other training programmes devised with a specific focus on specific group of people.

Through DM 2020, IDEA is shifting from the old definitions of emergency response and development, which maintained that the two types of interventions were completely separate. Instead, our new model will integrate Disaster Risk Reduction with Climate Change Adaptation, Smart Cities and Sustainable Development.

IDEA is framing the means of implementation of **Sendai Framework on Disaster Risk Reduction in South Asia** and suggests a road map for achieving the global targets in the specific contexts of the region.

IDEA endeavor to reduce disaster risk is built on the knowledge and experience of countries and other stakeholders over the past several decades. Aspiring to works further in crisis management in lieu of organized aid and logistics management for crisis and serve as Web Based Virtual Emergency Operation Centre in form of a web based disaster & emergency management application providing technical and information based solution for efficient and quick decision making & response in any emergency situation by bringing common platform of IT development, Risk & Vulnerability Assessment, Hazard Simulation, Synchronize Offsite Emergency Data, Integrated Video Surveillance, Research based activities Innovative solution Consultation, Live Feeds, Multi Desk Reporting System, Information Management, Event management, Business Continuity Plan, Geoinformatics And Catastrophic Modeling And Insurance Sector.

With a motto to serve humanity and channelizing the positivity of life into Something innovative and helpful with us we assure you can .

*Before disaster strikes IDEA will fortify the society to make sure that people understand how they and their families can reduce their vulnerability to disasters.* IDEA initiatives reflect development of communities assisting families with their immediate needs and recovery from the crisis i.e. first responder people and their families rebuild their lives.

## It provides services in majors core sectors mentioned below :

- **Public Health & Emergency Management**
- **Disaster Risk Management and Climate Change**
- **Urban Flooding and Early warning/ Real time Warning system**
- **Security and Surveillance (CCTV)**
- **Governance and Institutions**
- **Environment Impact Assessment**
- **Social Development, Secondary and Primary Research, including, Baseline and other Socio-economic Studies**
- **Monitoring and Evaluation (M&E)**
- **Urban Development / Infrastructure Planning & Analysis**
- **Water, Sanitation & Hygiene**



- 3 IDEA is now recognized and associated with *Indian Medical Association and American Health Associations*
- 3 *Recognition of Hope & HERO Programme by Government of India, Andhra Pradesh Government*

*IDEA Strong Experience in Organizing Internal and National workshops, Conference, Congress etc. IDEA was also Co-organiser and Knowledge Partner for 2nd WORLD CONGRESS ON DISASTER MANAGEMENT\*- 19-22 November 2015, Visakhapatnam, Andhra Pradesh.*



**Asian Disaster Preparedness Center (ADPC)**  
taking technical Support in Disaster Risk  
Assessment toolkits development in Bihar

Development of **Risk Assessment** toolkits for Health services (both Hospital based and outreach services) and forthcoming workshop I am here by sharing you following documents with request to share us first cut of framework of the toolkits :

1. Hospital Emergency response plan - , HRVC Health Risk Atlas , resource mapping and preparedness assessment of district hospital.
2. Structural safety assessment



**Asian Disaster Preparedness Center (ADPC)** organized a four-day intensive course on Hospital Preparedness for Emergencies (HOPE) in September 2017 in Vadodara, Gujarat State, India. HOPE was conducted as part of a greater regional project, which looks at Strengthening Hospital Preparedness for Emergencies in South Asian Countries, namely Afghanistan, Bangladesh, India, Nepal, Pakistan, and Sri Lanka. The project is supported by the U.S. Agency for International Development's Office of U.S. Foreign Disaster Assistance (USAID/OFDA).

The intensive four-day course was aimed at enhancing the capacity of public hospitals and other medical institutions to respond to and to provide critical medical services during emergencies. During the course, ADPC and its partners, including the Indian Medical Association, the Gujarat Institute of Disaster Management (GIDM), and the **Institute of Disasters, Emergencies, and Accidents (IDEA)**, explored several key management functions related to medical emergency preparedness and response. This included the principles of disaster medicine, hospital internal disasters, and complex emergencies, among several others.



**Multi-Hazard Vulnerability Profiling of the South East Asia Region for health aspects of different types of disasters:**

IDEA an organization which analyzes hazard risks and vulnerabilities for 11 member states on behalf of the World Health Organization South East Asian Regional Office (WHO-SEARO)

## Our Client, Partner, Associates, and Facilitators .....



## Some of our recent initiatives

## Disaster Management Training ASHA & Anganwadi workers

Hospital Disaster Management Training - Emergency Physicians - Assam State Health Department

Self Assessment Toolkit COVID-19 - Punjab and Nagaland state government

## Social Listening System - World Health Organization (RCCE, Monitoring and Evaluation)

Community Outreach Programme - National Institute for Disaster Management

## Innovation Incubation - AMTZ, Andhra Pradesh

# SAFE

## Standardized Assessment of Facilities of Emergencies



The Control of recognized Hazards in order to achieve an acceptable level of Risk!

**All Public Access Properties should be**

### Hazard Vulnerability Risk and Capacity Analysis.

## Facility Mapping

### Structural and Non-Structural Elements both in a property

**BIS Standard - Hazard Identification and Risk Analysis—Code of Practice (IS: 15656.2006) is followed to carry out Fire Safety Audits and Fire Safety Training**

<b>IS 1641:1988</b>	<b>Code of practice for fire safety of buildings (general) : General principles office classification (first revision)</b>
<b>IS 1642:1989</b>	<b>Code of practice for fire safety of buildings (general) : Details of construction (first revision)</b>
<b>IS 1643:1988</b>	<b>Code of practice for fire safety of buildings (general) : Exposure hazard (first revision)</b>
<b>IS 1644:1988</b>	<b>Code of practice for fire safety of buildings (general) : Exit requirements and performance (first revision)</b>
<b>IS 1646:1997</b>	<b>Code of practice for fire safety of buildings (general) : Electrical installations (second revision)</b>



# H.O.P.E

H.O.P.E- Hospital  
Operational  
Preparedness for  
Emergencies

HOPE

Basic Life Support, SIMULATION on patient Dummy,  
Triage and Rapid assessment, Vehicle Extrication, Self  
Help and Emergency Pool creation with adequate Hands on  
experience and handling of common Medical emergencies,  
ABC of disasters



HERO

Disaster Management,  
role of Healthcare  
Facilities, Lessons Learnt  
from Past experiences,  
Mass casualty Incidents,  
Management through  
Internet and  
Technologies, Structural  
and Nonstructural  
Mitigation, Setting Up a  
Command and Incident  
Response System, Table  
top Exercises, Mock  
Drills and many more



H.E.R.O - Healthcare Emergency  
Response Official.



# H.E.R.O

**IDEA STAR** – Safety for Travel,  
Adventure & Roads

CALL US @ 88-66-55-2407; MAIL US @ [myinnovoidea@gmail.com](mailto:myinnovoidea@gmail.com)  
VISIT US @ [www.innovoidea.in](http://www.innovoidea.in)



STAR

Disaster Management, role of  
Healthcare Facilities, Lessons  
Learnt from Past experiences,  
Mass casualty Incidents,  
Management For Community  
Awareness on Road Safety /  
All Motorsports  
Marshals.(STAR)



## TEAM- Trauma Evaluation & Advanced Management Emergency Room Skill Enhancement Programme



Pre-hospital care & Mass casualty management trainings, Emergency Medicine, SOPs, Management of emergencies ranging from Heart Attack to CBRN explosions etc.

## CALM – Calamity Affected Lifestyle



(Counseling, Stress Management, Psychosocial & Mental Care)

## Hospital Disaster Management Planning & Hospital Incident Response System

Preparedness and response during disasters, an efficiently functioning HIRS (Hospital Incident Response System) shall be established in each hospital. The HIRS shall be ingrained into practice, updated/revised and tested through repeated tabletop exercises & drills. Designate a hospital management and coordination center

- Develop SOPs/strategies to implement the HIRS system

Implement the HIRS action plan, defining the functions of the HIRS System and roles & responsibilities of each member of the HIRS and other critical hospital staff

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***To ensure effective Coordination and Management every hospital shall:***

Establish an HIRS system to oversee operations, planning, logistics and finance/administration required for disaster preparedness and response. Define the functions of the HIRS System.

- Define the roles and responsibilities of each member of the HIRS and other critical hospital staff.

## Disaster and Rescue Kits - Low Cost / Multipurpose

To help victim in any type of accident viz. drowning, natural calamities like earthquake /floods/ cyclone/ tsunami, Snake-bite, Vehicle accidents, food poisoning, electrical shock, fire, HIV, Terrorist attack.

### Why this idea?:

Many people died due to non-availability of such kit in emergency. This is useful rescue kit in any type of emergency for rescue operation before victim get proper medical help till get hospitalization.

### Constituents

- 1) **Sanjeevani bag** of long handle, 09meters long nylon rope with wooden strip used as floating bag to save life of drowning victim.
- 2) **Activated Carbon mask** used for adsorbing toxic gas, foul odor.
- 3) **Suction apparatus kit** is used for suction of venom in snake bite and the like .
- 4) **Neck belt** give support to the neck injuries as a first aids. This is stiff , compact, washable ,fast drying and increases buoyancy of bag.
- 5) **Urinal bag** comprising of a plastic carry bag in conjunction with a condom connected to a flexible conduit nylon pipe with nylon rubber band is used for relieving bladder pressure of victim.
- 6) **Roller bandage** used as a crepe bandage for first aid in joints sprain, snake bites and the like. The spun bond non woven fabrics material being porous, stretchable and low cost.
- 7) **6mm two rods** is used for rescuing a victim trapped in lift by unlatching doors and to extend the size of splint by joining the two wooden strips for spinal and leg fracture.

### Advantages :

Light weight(1.2 Kg.)  
Floatable  
Compact Durable  
Cost effective  
User friendly  
Multipurpose  
Washable



**SANJEEVANI STRETCHER**

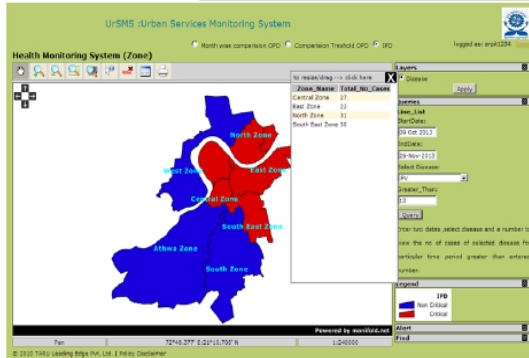
- 3 **Training** in handling Explosive, **Improvised Explosive Devices (IEDs)**, Bombs, fire fighting.and weapon of Mass Destruction.



## Urban Service Monitoring System



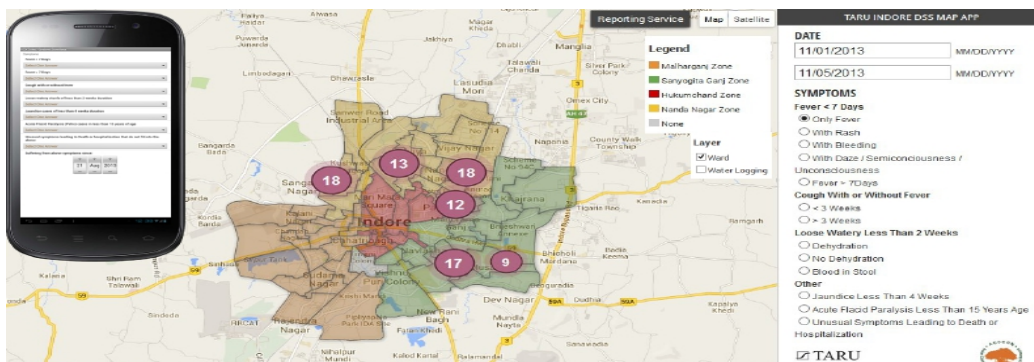
Tools that could facilitate the urban and health managers in visualizing the information spatially and



Real-time data collection and analysis is currently helping the health department predict disease outbreaks based on number / distribution of cases across the city and enables them take prompt action to prevent further spreading.

- Better visualisation of data and integration with ongoing government programs/schemes.

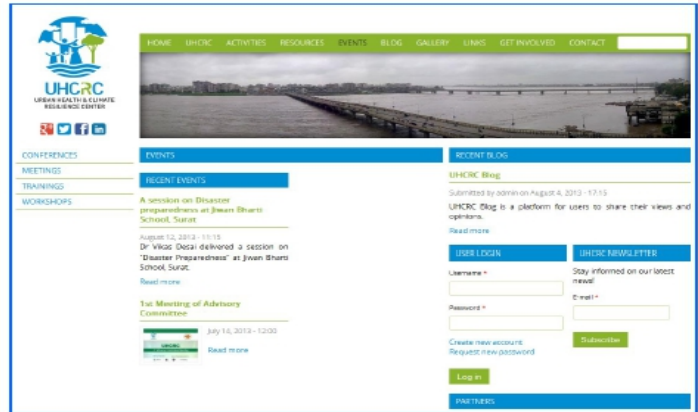
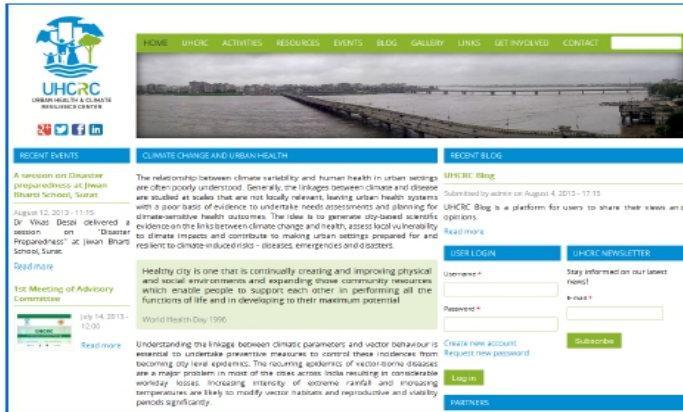
## Establishing an Integrated and Real-time Vector/Water-borne Disease Surveillance and Response System in Indore



Facilitate the existing **Disease Surveillance Cell** in establishing a state of the art near real-time disease surveillance system. This system will not only help in identifying and addressing the disease information but will also help in identifying associated information such as location of



# Urban Health and Climate Resilience Centre



Helping Surat and other municipalities to improve their urban health management through evidence-based research, improved surveillance, and the development of operating

## • Impacts of Climate Change and Pollution on Public Health

Monitoring and Assessment of Air and Water pollution in Urban as well as rural training sites for proactive measures, planning and reducing the Environmental Health Risk alarming the administration with scientific inputs for with sustainable measures accounting climate change.

**Management and monitoring of air and water pollution by using GIS technology**



CO and pH at Gian khau Bridge pH at Nho QuanE

*Environmental monitoring parameters displayed on the map at the station*

### Air pollution damages human health

Adverse health effects from short and long term exposure to air pollution range from premature deaths caused by heart and lung disease to worsening of asthmatic conditions and can lead to reduced quality of life and increased costs of hospital admissions

## Electronic Partograph

**(a first-of-its-kind, low-cost, and highly accessible Electronic Partograph)**

The system offers a more efficacious alternative to the traditional paper form of the partograph.

Goals of the Electronic Partograph:



The Electronic Partograph has the capacity to reduce maternal and fetal complication rates by providing means to detect abnormalities in labour and initiate appropriate interventions.

- Allows for progress of labor to be tracked real time.
- Allows senior staff to monitor deliveries from any location.
- Potential to expand to rural sub-centers.
- Date entry is faster and more accurate.
- Improves labor outcomes for both mother and child.
- Improves indicators like maternal and infant mortality rates

# THE “IDEA” THEME FOR 2021

