



SiEMEx 2013

Silchar

EMERGENCY MANAGEMENT EXERCISE*Be Prepared ... Stay Safe*

Assam, which is well known as “Pragjyotishpura” in Mahabharata times has a rich green land of rolling plains and dense forest. Assam is the gateway to the northeastern part of India viz. Arunachal Pradesh, Nagaland, Manipur, Mizoram, Tripura and Meghalaya. These states are connected to rest of India via Assam’s Border with West Bengal and a narrow strip called the “Chicken’s Neck”. Assam also shares international borders with Bhutan and Bangladesh. It spans around 78, 438 sq. km. and population over 3,11,69,272 (Census 2011). The mighty Brahmaputra River that has its origins in Tibet flows through the state.

Assam is a multihazard state prone to floods, earthquake, storms and landslide besides manmade disasters. It falls under seismic zone V making the entire state prone to earthquake of moderate to very high intensity. Also the state faces acute flood & erosion problem. Assam has a history of disasters ranging from large earthquake to severe floods. This has impeded the development gains of the state by many times.

Therefore, to sustain the pace of development initiative by minimizing losses, the Government of Assam envisages building a State Prepared and Disaster Resilient.

About SILCHAR:



Silchar is the third largest city of Assam in terms of population and municipal area after Guwahati and Dibrugarh City. During the British rule, ships were docked at the bank of the "River Barak" so a market developed at the bank and became a major place of economic activity. The bank was covered with stones to help dock ships and vessels, and the market developed at a place which was fully covered with stones. People started to refer to the place as "Shiler Chor", meaning a bank of stone. Gradually "Shiler Chor" became "Silchar" for linguistic simplification and, later on, British officials started to use "Silchar".

In 1833 Silchar served as the headquarters of the British. In 1850 the first polo club in the world was set up in Silchar. In 1899 Silchar was brought into the Indian Railway map by the Assam Bengal Railway.

Silchar city is located in 24.49' North and 92.48' East with an area of 15.75 sq. km and 28 wards. Bound by Barail Hills falls to the north, Mizo hills to the south, Manipur to the east and Hailakandi, Karimganj & Bangladesh to the West the city plays role of major hub for the entire Barak valley.

Profile of Cachar District

District at a Glance: Statistics

1	District Area	37,861.1 Sq. Kms
2	Total population	17,36,319
3	Total Sub-divisions	2 Nos.
4	Total Revenue Circle	5 Nos.
5	Total Dev. Blocks	15 Nos.
6	Total Gram Panchayat	163
7	Major Hill range	Bhuban hill Range, Borail hill Range and Rengtf hill Range
8	Average annual rainfall	3432.13 mm (last decade)

Vulnerability Analysis

- * Silchar falls under Seismic Zone V and witnessed big earthquake in the year 1869. High density urban population combined with haphazard growth exposes the town dwellers to high risk.
- * Silchar is inundated frequently due to excessive rainfall and flooding by the River Barak. In the last three decades, Silchar and the Barak Valley have been ravaged by three major floods - in 1986, in 1991 and in 2004.
- * Landslide is very common in the hilly terrain of Cachar District which wipes out crop, agriculture field, irrigation cannel, roads and bridges and other infrastructures. Loss of Human lives and animals lives are also observed during rainy season.
- * Besides natural hazards, the city is also vulnerable to human induced hazards like fires, accidents etc. While fire accident occurs due to urban localities and thatched roof houses, road mishaps are frequently occurred due to reckless driving and poor road conditions.

DISASTER PROBABILITY & VULNERABILITY ANALYSIS

Sl. No.	Type of Disaster	Time of Occurrence	Vulnerable Areas
1	Flood	May to October	Entire District
2	Earthquake	Anytime	Entire District & Valley
3	Landslide	April to September	Three hill ranges
4	Fire accidents	Anytime	Entire district



Silchar Emergency Management Exercise

25th November - 29th November 2013

OBJECTIVE

The Silchar Emergency Management Exercise (SiEMEx2013) will be a five day preparedness exercise which will be conducted by the DDMA, Cachar w.e.f. 25th to 29th November 2013. This exercise is designed to harness the strengths and capabilities of the emergency responders, educational institutions, hospitals, Non-Governmental Organizations etc. as they prepare to meet the urban catastrophes of the city of Silchar.

The initiative is planned by the Assam State Disaster Management Authority (ASDMA) in collaboration with National Disaster Management Authority (NDMA), United Nations Children's' Fund (unicef) & DDMA, Cachar. The exercise will be conducted in association with a number of leading Private and Humanitarian Institutions and National faculties.

This is a rigorous week-long event with seven (7) parallel tracks to be held at different venues for the first four days of the event. The fifth day would be a table-top exercise, followed by a major incident - simulation drill. A debriefing session called "hotwash" will be conducted on the last day. Various learning tracks being included in SiEMEx are:



EMERGENCY MANAGEMENT PLANNING & COMPREHENSIVE TRAUMA LIFE SUPPORT:

This course has been carefully designed to give first responders - EMS or Paramedics, the confidence, skills and knowledge they need to provide the highest level of immediate care in a disaster setting. Beginning with basic but critical skills like CPR, log-rolling and extrication, physiological basis of life support, early trauma management, and triage will be covered during the training program

EMERGENCY NURSING SERVICES & MASS CASUALTY HANDLING

This course has been carefully designed to give the nursing staff working in the emergency department, the confidence, skills and knowledge they need to provide at the highest level of immediate care in a disaster setting in the Emergency Department.

COMMUNITY BASED DISASTER RISK REDUCTION:

This course will impart to senior level public health practitioners, community medicine PG's and disaster management personnel the skills needed to evaluate disaster response systems. The course will include an overview of various components of disaster response, and practical tools to evaluate these components.

COORDINATION ON RESPONSE FOR HEADS OF LINE DEPARTMENTS:

This training will focus on the Inter-agency communication/ protocol coordination within agencies and communication with the media during the occurrences of disasters, effectively. Current global trends in communication technology will also be discussed.

SEARCH AND RESCUE & INCIDENT RESPONSE SYSTEM:

The search for and provision of aid to people who are in distress or imminent danger is vital in emergency response. This course provides Search and Rescue personnel with the skillset they need to successfully complete search and rescue missions.

SCHOOL DISASTER PREPAREDNESS:

A two-day course on school disaster preparedness and preparedness audits is targeted at educational administrators.

TABLE TOP:

On the day before the field drill, all participants led by respective team leaders from various collaborating local agencies will meet along with the Disaster Management Cell of the ASDMA to practice simulated scenarios to identify bottlenecks in emergency communication and execution, with a focus on the drill scheduled for the following day

WHAT IS THE TABLE TOP SIMULATION?

The table top is a unique exercise which has been developed over years of practice in various locations across the world. It will bring together leaders of Silchar's response agencies viz. Fire, Police, NDRF & EMS along with heads of hospitals, Doctors, Nurses, Non-Governmental Organizations.

As the scenario unfolds, the facilitator will ask each group to propose their response strategy. Such exercises have proven to reveal the strengths and gaps in inter-agency communication, discrepancies and overlaps in response planning among the various stake holders.

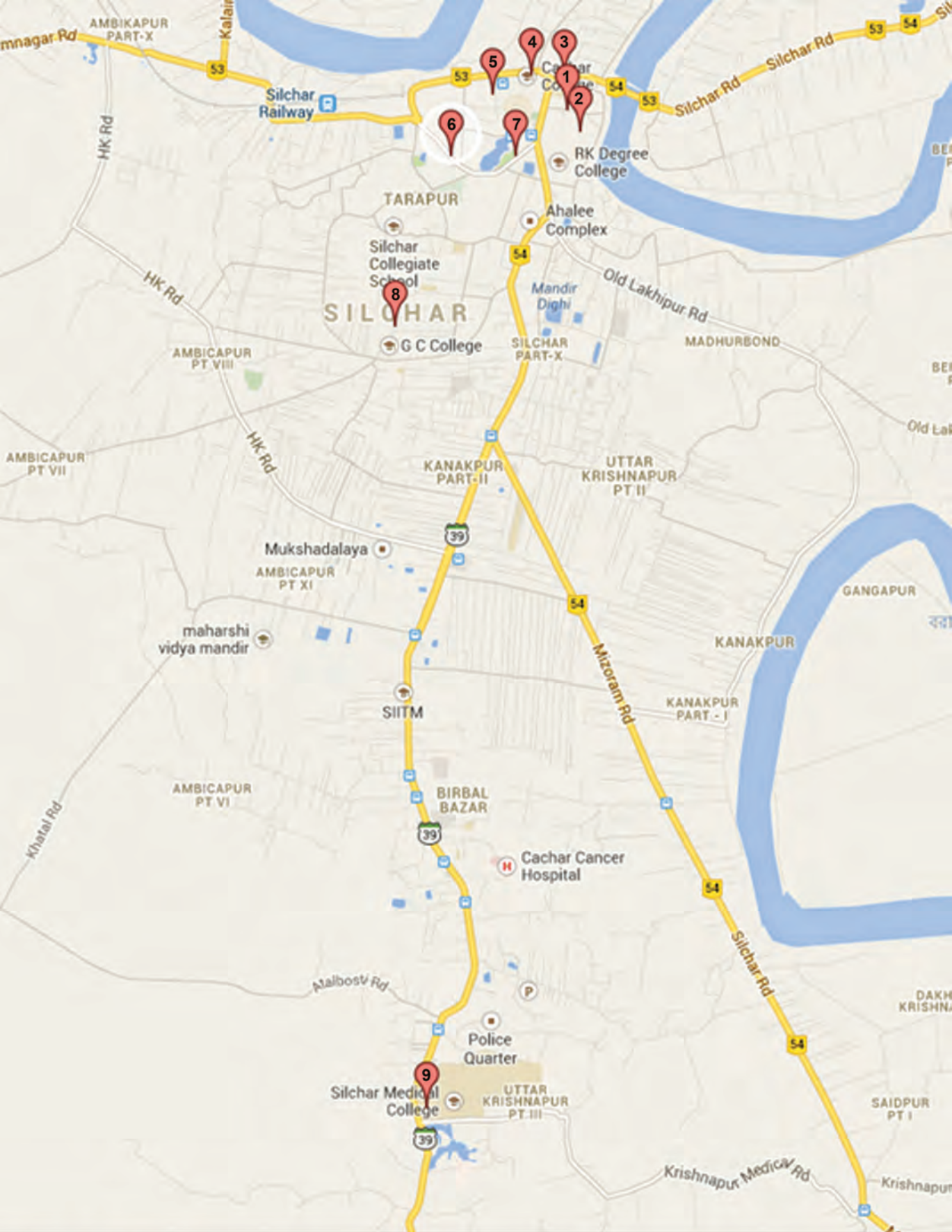
FIELD DRILL:

- * On November 29th, 2013 a mass casualty accident will be simulated at Silchar, with over a 100 injured victims, and the city's response agencies will be alerted and police, fire, NDRF and EMS will respond.
- * A triage area will be set up at the site of the "disaster" and all injured will be triaged, applying the skills learnt during the training session.
- * Every single victim's triaged will be monitored by local evaluators trained at SiEMEx.
- * The colour coded patients (red, yellow, green, black) will be transported by GVK EMRI 108 Ambulance Service to Silchar Medical College, Civil Hospital and other prominent private hospitals with realistic time delays built into the system.
- * At each hospital, the hospital emergency plan will be set into motion, and doctors, nurses, stretchers, pharmacies, and equipment will be mobilized to accommodate the additional flow of patient.
- * Doctors trained at SiEMEx 2013 will run the casualty wards applying their trauma care skills to patient care.
- * The entire drill will be monitored by local evaluators, in addition to the faculty, and will be recorded on video. A final report will be prepared under the supervision of ASDMA leadership to examine areas of strength, improvement and lesson learned.

How SiEMEx will Help Silchar City:

- * This exercise will test the state of preparedness of the responding agencies of Silchar city to face an emergency.
- * Once the gap is identified it will help to enhance the level of existing capacity to a desired level.
- * The training and the drill bring together the major responders, testing real-time inter-agency communication and coordination at all levels of these organizations, especially the Incident Command Structure and its various agencies, and the private sector and citizen groups.
- * The drill pushes the medical response system to handling extreme scenarios, and compels the physicians and medical staff to prioritize care to maximize the savings of life and limbs, under duress.





Venue for SIEMEx 2013:

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| 1: Deputy Commissioner Officer's Office, Silchar | 6: Rajiv Bhawan, Club Road, Silchar |
| 2: Jyoti Kala Kendra | 7: Gandhi Bhawan |
| 3: Zilla Parishad | 8: Guru Charan College |
| 4: Cachar College, Silchar | 9: Silchar Medical College and Hospital |
| 5: Police Parade Ground, Silchar | |



SCHEDULE FOR SiEMEx 2013

DATE	TRACK NO.	TRACK	VENUE
25 th November 2013		Inaugural Session	Rajiv Bhawan
25 th – 27 th November 2013	1	Emergency Management Planning & Comprehensive Trauma Life Support	Library Hall, Silchar Medical College & Hospital
25 th – 26 th November 2013	2	Emergency Nursing Services & Mass Casualty Handling	Counselling Hall, Silchar Medical College & Hospital
25 th – 26 th November 2013	3	Community based Disaster Risk Reduction	Cachar Zila Parishad
25 th – 26 th November 2013	4	Public Health in Emergencies	Cachar College Auditorium
25 th November 2013	5	Co-ordination on Response for Heads of Line Department	Deputy Commissioner's Conference Hall, Silchar
25 th – 27 th November 2013	6	Search & Rescue and Incident Response System	Gandhi Bhawan, Silchar
25 th – 26 th November 2013	7	School Disaster Preparedness	Jyoti Kala Kendra School, Silchar
28 th November 2013		TABLE TOP	G.C. College Auditorium
29 th November 2013		Field Drill	Police Parade Ground
29 th November 2013		Valedictory	Rajiv Bhawan



ASSAM STATE DISASTER MANAGEMENT AUTHORITY,
DISPUR, ASSAM
www.asdma.gov.in/ www.emexassam.in