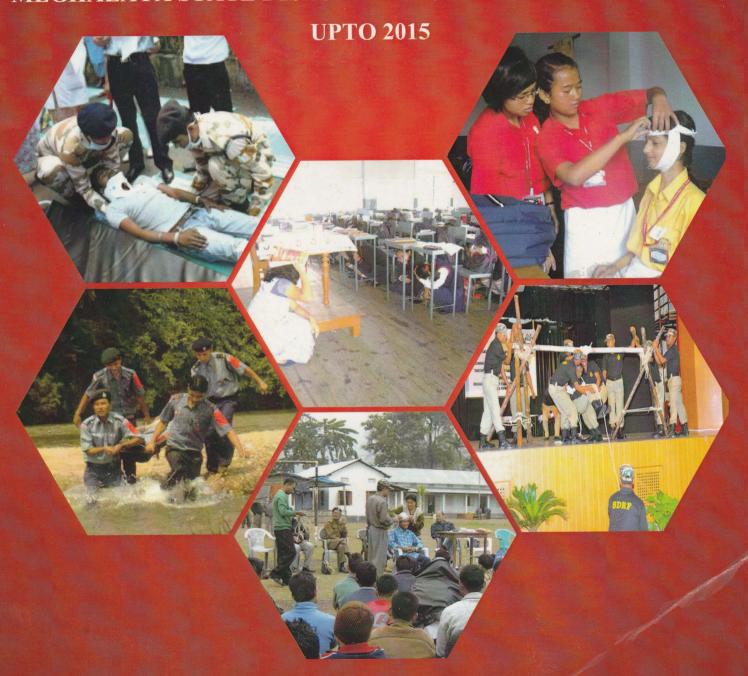


### DISASTER MANAGEMENT ACTIVITIES REPORT

OF

MEGHALAYA STATE DISASTER MANAGEMENT AUTHORITY



MEGHALAYA STATE DISASTER MANAGEMENT AUTHORITY LOWER LACHUMIERE, SHILLONG-793001 PHONE/ FAX: 0364-2503022 | FAX: 0364-2502098 (SEOC) EMAIL: eo.sdma-meg @nic.in/ sdmadeptt007@gmail.com

### DISASTER MANAGEMENT ACTIVITIES REPORT

OF

MEGHALAYA STATE DISASTER MANAGEMENT AUTHORITY, upto 2015

#### PUBLISHED BY:

MEGHALAYA STATE DISASTER MANAGEMENT AUTHORITY LOWER LACHUMIERE, SHILLONG-793001

PHONE/ FAX: 0364-2503022 FAX: 0364-2502098 (SEOC) E-MAIL: eo.sdma-meg@nic.in/sdmadeptt007@gmai1.com

#### PRINTED AT:

Inkfo Printing Press, Pohkseh, Shillong-793006

Mobile: +91 84140 77038, e-mail: inkfoprintingpress@gmail.com





1.	Forwarding .	
2.	Acknowledgment	11
3.	Introduction .	
4.	Study Tour to the Earthquake affected State of Sikkim Regional Workshop for North- Eastern States to Review the DM Act 2005	2
5.	Street Play and Stakeholder Meeting on Draft State Disaster Management Plan	3
6.	State Level Sensitization Programme under the National School Safety Plan (NSSP) and Conference on Chemical (Industrial) Disaster Management: Safe Management of Chemical, Petroleum and Petrochemical Industries	4
7.	Capacity Development Programme on Mock Exercise in Preparation for Mega Mock Exercise	5
8.	Workshop on Hospital Safety, Mass Casualty Management and Hospital Disaster Management	6
9.	Mega Mock Exercise (Capacity Building)	7
10.	Training on Incident Response System (IRS)	8-9
11.	Exposure Visit to New Delhi, Uttarakhand and Himachal Pradesh- 15th September to 22nd September 2014	10
12.	School Children Sensitization Programme and Strengthening of District Disaster Management Authorities (DDMAs).	11
13.	Induction Training Programme for the ADPOs	12
14.	Community Outreach and "Study on Seismic Vulnerability Assessment of School Buildings of East Khasi Hills District of Meghalaya and Methods for Reducing It"	13
15.	Preparation of Draft State Disaster Management Plan ,Capacity Building Programmes under the 13TH Finance Commission Award and Publications and IEC materials of SDMA	14-15

#### SHRI H.B. MARAK, IAS., EXECUTIVE OFFICER STATE DISASTER MANAGEMENT AUTHORITY MEGHALAYA, SHILLONG

सत्यमेव जयते

Lower Lachumiere Shillong - 793001

Phone - 2503022

Fax - 0364-2503022

Email -hubertmarak@gmail.com/eo.sdma-meg@nic.in



#### **FOREWORD**

Meghalaya State Disaster Management Authority Secretariat which was constituted in 2011 is responsible for implementing various disaster management activities in the State. Within the span of 4(four) years it has undertaken multifarious activities related to disaster management in the State. A brief report on its activities is highlighted in this short report entitled "Disaster Management Activities of Meghalaya State Disaster Management Authority". This is the first attempt to publish the achievements of Meghalaya State Disaster Management Authority (MSDMA) within the period of 4(four) years starting from its inception. A series of programmes have been conducted within a short period to generate greater awareness on disaster management among the Government officials, Non-Government Organisations (NGOs), Community Leaders, Teachers and other functionaries of the Government.

Several publications on disaster management topics, posters, stickers, booklets etc., have been widely distributed to the Districts and other Stakeholders for greater awareness of different aspects of disaster management. There is need to do much more in this field which is now growing in importance and is encompassing every walk of life, be it education, agriculture, construction works, rural development, social welfare, community development works etc. More of such publications will be forth coming in future. I wish every reader a pleasant reading.

Hazards are inevitable, Disasters need not be. Be prepared!

Dated Shillong the 3rd November, 2015

(Shri H.B. Marak, IAS.,) Executive Officer, State Disaster Management Authority Meghalaya, "Shillong

<0<>

#### Acknowledgement

This report presenting the activities of the Meghalaya State Disaster Management Authority would not have been possible without the active participation of stakeholders from different strata of the society in its various activities. The participants in the different training programmes, workshops as well as community outreach programmes deserves special mention as they formed the fulcrum of each activity. The officials of SDMA and the DDMAs have made considerable efforts in making these programmes a reality. The partnerships with governmental and non governmental agencies in conducting various studies and related programmes have greatly enhanced SDMA's performance apart from building its capacity. The uptake of the various disaster preparedness initiatives by community members from rural and urban areas including teachers and students have helped to increase the vibrancy of the DM activities of SDMA at the grass-root level. Last but most importantly, the actualization of these programmes from the planning to the implementation stage, would not have been possible without the continued support and guidance from the National Disaster Management Authority and the Department of Revenue, Government of Meghalaya.

#### INTRODUCTION

Disasters threaten sustainable development and destroy decades of human efforts and investments, thereby placing new demands on society for reconstruction and rehabilitation. The State of Meghalaya is prone to various natural disasters such as landslides, storms, flash floods, fire accidents, road accidents, lightning and earthquakes. Meghalaya is particularly highly vulnerable to seismic disturbances as the State falls in Zone V (Very High risk) of the seismic map of the country. During 1897, the state was severely affected by a 8.7 magnitude earthquake which resulted in untold miseries. The earthquake of 8.5 magnitude which occurred in 1950 also caused loss of human lives and properties. The State experiences several low to medium intensity earthquakes regularly. This calls for concerted efforts towards disaster prevention, mitigation and preparedness along with capacity building of the stakeholders so that the negative impact of any disaster can be minimized and effective relief and response activities can be carried out.

The State Disaster Management Authority (SDMA), Meghalaya, constituted in the year 2011 as per the Disaster Management Act (2005) of the Government of India was mandated with a responsibility of coordinating and implementing DM activities across the state of Meghalaya so as to take appropriate steps to reduce the vulnerability of different parts of the State to different forms of disasters and adopt necessary measures for disaster prevention and mitigation.

The Disaster Management Act laid down a three tier system for the operationalisation of the DM (Disaster Management) activities in the country - NDMA (National Disaster Management Authority) at the central level, SDMA (State Disaster Management Authority) at the state level and DDMA (District Disaster Management Authority) at the district level. The SDMA, with the Chief Minister as the Chairperson plays a pivotal role in this system by strengthening the linkage between the national level DM activities carried out by NDMA and similar work at the ground level by the DDMAs. The SDMA is also entrusted with the responsibility of providing support to the DDMAs in each district for disaster prevention and mitigation in their respective districts.

This report presents a glimpse of the various activities carried out by the SDMA, Meghalaya in the past four years since its establishment and highlights the concerted efforts of the Government of Meghalaya in taking up wide-ranging DM activities pertaining to awareness building and sensitization, capacity building as well as preparedness and mitigation measures pertaining to various hazards which pose a threat to the state.



### Study Tour to the Earthquake Affected State of Sikkim

A 12 member group comprising of officials from SDMA, DDMAs, Home Guard and Civil Defence, Fire and Emergency Service, Health, PWD, Food and Civil Supplies and Consumer Affairs, MSEB (now renamed MeECL) visited the Earthquake affected areas of East and North districts of Sikkim from 21st -24th Feb 2012. During their visit the team interacted with the officials of the Sikkim Government and the community of the affected area. The members of the study tour were able to get an understanding of the disaster management activities carried out in the State related to the spot assessment of the 5.5 Richter Scale Earthquake that shook the State on 23.4.2011 and what mitigation activities could be planned to prepare for such disasters in the future.



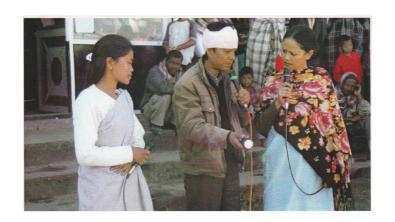


### Regional Workshop for North- Eastern States to Review the DM Act 2005

A One day Regional Workshop for the North- Eastern zone was organized in Shillong on the 30th of April 2012 by the Ministry of Home Affairs in collaboration with the Revenue and Disaster Management Department, Government of Meghalaya and SDMA, Meghalaya. The objective of this Workshop was to review the Disaster Management Act, 2005 of the Government of India and suggest measure to remove the difficulties in its implementation. Senior officials from all the North Eastern States as well as from the Government of India attended the workshop. The officials from the GoI who attended this Workshop to review the DM Act 2005 were Dr. P.K. Mishra, Former Secretary, Dept. of Agriculture and Co-operation, Ministry of Agriculture, GOI, Shri. R.K. Srivastava, Joint Secretary (DM), MHA, Shri. Satish Chander, Joint Secretary and Legal Adviser, Dept. of Legal Affairs, Ministry of Law and Justice, Shri. J.P. Misra, Director (DM-II) DM Division, MHA, Shri. Arvind Kumar Sinha, UNDP Consultant, DM Division, MHA, Smt. Sujata Saunik, Joint Secretary, NDMA, Smt. Veenakothavale, Deputy Legislative Counsel, Ministry of Law and Justice. Smt. Suda Rani, Deputy Legislative Counsel, Ministry of Law and Justice.

### Street Play

SDMA in collaboration with Image Nation, Laitumkhrah, Shillong organized a street play on Disaster Preparedness. The street play was held on 17th November 2012, at 9.00 am at Smit Village Market Place, under Mawkynew Block of East Khasi Hills District.



### Stakeholders Meeting on Draft State Disaster Management Plan





A one day stake holders meeting on the Draft SDMP was held on 17th May 2013 at Orchid Lake Resort in Umiam. The meeting was chaired by Sbri. K.S. Kropha, IAS, Principal Secretary, Department of Revenue and Disaster Management, and attended by Smt. L. Kharkongor, IAS, Department of Revenue and Disaster Management, Shri. H.B. Marak, MCS, Executive Officer, State Disaster Management Authority, Meghalaya, Smt. I. Majaw, MCS, Nodal Officer, SDMA, Shri. Akash Deep, IAS, Deputy Commissioner, Ri-Bhoi District and other Officials from the line departments and armed force. A Presentation on the Draft SDMP was made by Dr. A. Chakraborty, Assistant Professor, Civil Engineering, Indian Institute of Technology (IIT) Guwahati, who was entrusted to prepare the SDMP for the Government of Meghalaya. The presentation was followed by an interactive session with the participants who gave inputs and suggestions on the Draft SDMP.

## State Level Sensitization Programme under the National School Safety Programme (NSSP)

The State Disaster Management Authority in collaboration with the Revenue and Disaster Management Department, Govt. of Meghalaya organized a 2 (two) days State Level Workshop on 25th and 26th April 2013 on the various aspects of the National School Safety Programme for the Teachers and officials of various departments as well as students.

The Programme was inaugurated by Shri. K.S. Kropha, IAS, Principal Secretary, Department of Revenue and Disaster Management, and attended by Smt. L. Kharkongor, IAS, Department of Revenue and Disaster Management, Shri. H.B. Marak, MCS, Executive Officer, State Disaster Management Authority, Meghalaya and other Officials from the different line Departments. Officials from the Fire & Emergency Services, Home Guards and Civil Defence, Transport, SDMA, Meghalaya and Health Department, make a brief presentation on their depts.. Assam Engineering College, Guwahati facilitated the workshop on the 2nd day.





### Conference on Chemical (Industrial) Disaster Management: Safe Management of Chemical, Petroleum and Petrochemical Industries

A two days conference on Chemical (Industrial) Disaster Management was held in Shillong on 12th-13th September, 2013. The conference was jointly organized by the Government of Meghalaya, National Disaster Management Authority (NDMA), Petroleum and Natural Gas Regulatory Board, India and Federation of Indian Chambers of Commerce & Industry (FICC!) and SDMA, Meghalaya. The conference was inaugurated by Hon'ble Chief Minister of Meghalaya, Shri Mukul Sangma and attended by Senior Officials from the Government of Meghalaya, National Disaster Management Authority (NDMA), FICCI and Pollution Control Boards. The participants were mostly from industries and units related to Oil & Gas, Refineries, Oil Exploration, Petroleum, Hydrocarbon and Petrochemical Products, Iron & Steel , Foundries & Casting, Alkali & Acid Manufacturing, Fertilizers, Pesticides, Insecticides, Pulp & Paper, Textiles, Pharmaceuticals & Bulk Drug Manufacturers, Ordinance & Explosive Factories, Anti-fire Chemicals, LPG, CNG, Other Compressed Combustible Gases Unit, Inflammable & Toxic Gases Units C12, NH3, Toluene, Benzene, H2S, MIC etc. Isolated Storages, Gas Storages, Bottling Plants, Oil Terminals, Warehouses, Ordinance Factories, Power, Metallurgy Industry, Marbel and Mining Industry ,

Port! Dock Authorities, SMEs Using and Storing HAZCHEM, Container Depots/Carriers/Cargo/ Logistic Companies, Industries Manufacturing, Storing Hazardous, Toxic Chemicals Organisations Transporting Chemicals, Hydrocarbons through Air, Land, Sea, Railways & Pipelines, GIS, GPRS, Vehicle Tracking, Satellite Communication Companies, Industrial Automation, Control, Gas Detection, Instrumentation Companies, Safety, Security, Emergency & Healthcare Product Manufacturers, Suppliers Rescue, Relief and Rehabilitation Measure, Regulatory Agencies, Emergency Responders - Police, Fire, NDRF, Coast Guards, Conservators, Academia - Chemical Departments, Research Scholars, Professors and Experts Community Leaders, NGOs, Consultants, Media Hospitals, Trauma Centres, Medicos & Paramedics Fire Protection, Fire Fighting, Medical Primary Responders and other Agencies R&D, Innovative Technology Institutes & Laboratories









# Capacity Development Programme on Mock Exercise in Preparation for Mega Mock Exercise

A three day training programme was held in Shillong and Tura from 17th to 19th October 2013 in preparation for mega mock exercise. The programme was organized by DDMA of East Khasi Hills District and West Garo Hills District and SDMA and Revenue and Disaster Management Dept in collaboration with NDMA. This programme was conducted as a preparatory step for the Mega Mock Exercise at Shillong and Tura on 10th March 2014 by NDMA and the Government of Meghalaya.







The programme was inaugurated in Shillong by Shri.W.M.S.Pariat, IAS, Chief Secretary of Meghalaya, in presence of Maj. Gen (Retd) V.K.Datta, Senior Specialist (CB&ME), National Disaster Management Authority; Shri.K.S.Kropha, IAS, Principal Secretary to the Government of Meghalaya, Revenue and Disaster Management Department; Smt.L.Kharkongor, IAS, Commissioner & Secretary to the Government of Meghalaya, Revenue and Disaster Management Department and Shri.S.Goyal, IAS, Deputy Commissioner, East Khasi Hills District, Shillong. The programme was chaired by Shri.H.B.Marak, MCS, Executive Officer, State Disaster Management Authority, Meghalaya and attended by officials of different departments of East Khasi Hills District and also from West Khasi

Hills District, South West Khasi Hills District, Ri-Bhoi District, West Jaintia Hills District, East Jaintia Hills District and Armed Forces/Paramilitary Forces including the National Disaster Response Force (NDRF), Guwahati. In Tura the programme was inaugurated by Shri. P. Bakshi, IAS, Deputy Commissioner, West Garo Hills District in the presence of West Garo Hills officials and officials from other Districts of Garo Hills, Dr. B. K. Khanna, Senior Specialist, NDMA and Mr. B. B. Gadnayak, Consultant, NDMA. The participants of the programme were from the line departments and defence personnel. A mock drill was also conducted in both the places where National Disaster Response Force (NDRF) Guwahati, Armed Force, Para Military Forces, Task forces from Meghalaya Police, Fire and Emergency Service, Civil Defence and Home Guards, all line departments and community volunteers participated.

## Workshop on Hospital Safety, Mass Casualty Management and Hospital Disaster Management

Two day workshop on Hospital Safety, Mass Casualty Management and Hospital Disaster Management was held in Shillong on the 23rd and 24th January 2014. The programme was organized by NDMA and SDMA, Meghalaya in collaboration with the Department of Health and Family Welfare, Government of Meghalaya. The workshop was attended by Shri. P.K. Srivastava, IAS, Principal Secretary, Revenue and Disaster Management,

Government of Meghalaya, Smt. L. Kharkongor, IAS, Commissioner and Secretary, Government of Meghalaya and other Senior officials from the Department of Health and the State Disaster Management Authority, Meghalaya. The participants of this programme were Government medical practitioners and Para medical staffs from all over the state and other private Hospitals. The resource persons for the programme were Dr. Muzaffar Ahmad, Member NDMA, Shri. Hari Kumar Engineer, Geo Hazard Society, New Delhi, Lt. Col. (Dr). N. K. Singh and Shri. Amit Treteya from NDMA.





### Mega Mock Exercise (Capacity Building)

Under the aegis of the project M 8.7 Shillong 1897 Earthquake Scenario:NE Multi-State Exercise and Preparedness Campaign, a Mega Mock Exercise was conducted in Shillong and Tura on 10th March 2014. The Exercise was conducted by NDMA in collaboration with SDMA, Meghalaya, Department of Revenue and Disaster Management, Government of Meghalaya, DDMA, East Khasi Hills, DDMA West Garo Hills and all the line Departments of the State Government.



### **Training on Incident Response System (IRS)**



East Khasi Hills District: Four day training on Incident Response System (IRS) was conducted from 27th to 30th January 2014 by SDMA, Meghalaya and MATI (Meghalaya Administrative Training Institute), Shillong. The participants of this programme were the Government officials from the East Khasi Hills District

West Garo Hills District: A three day training programme on Incident Response System (IRS) for the Incident Response Team (IRT) of West Garo Hills was organized in Tura Circuit House from 24th to 26th February 2014 by the Meghalaya State Disaster Management Authority in collaboration with District Disaster Management Authority, West Garo Hills District. A total of 80 numbers of participants comprising of Government officials from the district as well as from other districts of Garo Hills attended the programme. Shri H.B. Mark, MCS, Executive Officer, SDMA, Meghalaya and Shri. Surajit Bordoloi, Consultant, SDMA facilitated the programme. The objective of this training programme was to capacitate the pre-designated officers to perform their various duties related to Disaster Management as well as train them in their respective roles. A mock drill was also conducted on the last day of the training programme based on the IRS.









Ri-Bhoi District: A three day training programme on Incident Response System (IRS) for the Incident Response Team (IRT) of Ri-Bhoi District was organised in Nongpoh Circuit House from the 23rd to 25th July 2014 by Meghalaya State Disaster Management Authority in collaboration with the District Disaster Management Authority, Ri-Bhoi District. A total of 60 officials from all the Government Departments of Ri-Bhoi attended the programme. The objective of this training programme was to capacitate the pre-designated officers to perform their various duties related to Disaster Management as well as train them in their respective roles. A mock drill was also conducted on the last day of the training programme based on the IRS.











# Exposure Visit to New Delhi, Uttarakhand and Himachal Pradesh- 15<sup>th</sup> September to 22<sup>nd</sup> September 2014

Meghalaya is highly vulnerable to natural hazards particularly earthquake, as it lies in Zone V of the seismic map of the country and is highly vulnerable to seismic disturbances. As part of its disaster preparedness measures, SDMA, Meghalaya designed a Study Tour of Disaster Management Officers from Meghalaya State Disaster Management Authority (MSDMA) & District Disaster Management Authorities (DDMAs) to Himachal Pradesh, Uttarakhand & New Delhi from 15-22 September 2014 to study about the best practices in disaster management, preparedness and mitigation measures under the leadership of Shri.H.B.Marak, MCS, Executive Officer, State Disaster Management Authority. The purpose of visiting the states of Himachal Pradesh and Uttarakhand was to learn from their experiences of responding to and coping with the massive flash flood and Landslides.





The officers selected for the study were:

- 1. Shri.H.B.Marak, MCS, Executive Officer, State Disaster Management Authority
- 2. Shri.S.Bordoloi, Consultant, State Disaster Management Authority
- 3. Ms.K.Wanniang, Asst. District Project Officer (OM), District Disaster Management Authority, East Khasi Hills District, Shillong
- 4. Ms.P.Lyngba, Asst. District Project Officer (DM), District Disaster Management Authority, Ri Bhoi District, Nongpoh
- 5. Shri.Jonathan Mawthoh, Asst. District Project Officer (DM), District Disaster Management Authority, West Khasi Hills District, Nongstoin
- 6. Shri.James D. Sangma, Asst. District Project Officer (DM), District Disaster Management Authority, West Garo Hills District, Tura

The study team met with and interacted with the officials of the State Disaster Management Authorities of Himachal Pradesh and Uttarakhand about their experiences of managing the disaster that occurred in their hill states and what lessons could be learnt from the same for the purpose of disaster preparedness in the similar hill state of Meghalaya. The team also visited and interacted with the officials of the Himachal Pradesh Public Administration (HIPA), Fire Training Centre and Municipal Corporation, Shimla. In Uttarakhand, the team visited and interacted with the officials of the Disaster Mitigation & Management Centre and got first hand information about the Uttarakhand Flash Flood and how the latter responded to the same. The team also visited the well equipped State Emergency Operating Center (SEOC) of Uttarakhand and interacted with their officials. In New Delhi, the team visited and interacted with the officials of National Disaster Management Authority (NDMA), National Institute of Disaster Management (NIDM), Control Room of Disaster Management (Ministry of Home) to learn about various norms, regulations and best practices of disaster preparedness, response and management.

### **School Children Sensitization Programme**



A one day School Sensitization Programme on "Earthquake Hazard and Safety Essential" was held at Shillong with an aim to inculcate the habit of earthquake safety in young minds. The workshop was organized jointly by Council for Scientific and Industrial Research (CSIR) North East Institute of Science and Technology (NEIST), Jorhat, State Disaster Management Authority (SDMA) and District Disaster Management Authority (DDMA), East Khasi Hills District and was sponsored by National Disaster Management Authority (NDMA). Shri P.K. Srivastava IAS, Principal Secretary, Revenue and Disaster Management, Government of Meghalaya inaugurated the workshop and it was attended by Shri. P.S. Dkhar, IAS, Deputy Commissioner, East Khasi Hills District and Shri H.B. Mark, IAS, Executive Officer, SDMA.

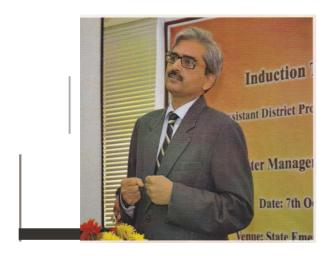
The resource persons for the programme were Dr. R. Duara, Chief Scientist, CSIR-NEIST, Jorhat, Dr. M. Phukon, Scientist CSIR-NEIST, Jorhat, Shri. R.S. Sexena, former team coordinator NDMA,

Dr. H.K. Vinayak, Professor, National Institute of Technology, Hamirpur, Himachal Pradesh and Shri. S. Bordoloi, Consultant, Meghalaya State Disaster Management Authority and personnel from the State Disaster Response Force (SDRF). The workshop was attended by officials from DDMA, SDMA and students drawn from 80 schools from across the district.

## Strengthening of District Disaster Management Authorities (DDMAs)

Recruitment of 11 Assistant District Project Officers (ADPOs) for DDMAs was made by the Meghalaya Public Service Commission (MPSC) and they are posted in the 11 districts of the State in order to capacitate the respective District Disaster Management Authorities (DDMA) in the field of Disaster Management.

## **InductionTraining Programme for the Assistant District Project Officers (ADPO)**







SDMA organized 8 days Induction Training Programme for the newly recruited ADPOs from 6th October 2015 to 16th October 2015 in the State Emergency Operation Center (SEOq, Shillong. In the inauguration programme, Shri. H. B. Marak. 1AS, Executive Officer SDMA, welcomed all the participants and gave an overview of the roles and responsibilities of SDMA and DDMAs pertaining to disaster management in the state. The Chief Guest of the programme was Shri. P.K. Srivastava, IAS, Principal Secretary, Revenue and Disaster Management, Government of Meghalaya who congratulated all the ADPOs on their appointment and he urged them to work sincerely and be committed to the work, as their nature of work demand hard work and dedication. Shri. S. Bordoloi, Consultant, SDMA stressed upon the need of networking and coordination which is crucial for DM. He also pointed out that appointment of designated disaster management officers in each of the DDMAs will facilitate quicker collection and dissemination of information related to DM. Smt. 1. Mawlong, MCS, Nodal Officer, SDMA proposed a vote of thanks to the participants and officials. She emphasized on the importance of the ADPOs who will function as the nodal point in the districts for passing on to SDMA any kind of data related to DM.

The ADPOs were imparted training on both theoretical and practical aspects related to DM. Renowned resource persons from the State were invited to facilitate different sessions during the training programme. Some of the theoretical topics that were covered during the training programme were - Concepts of DM; Meghalaya DM Policy; Rules and Regulation on DM; Disaster Management Act, 2005; DM Plan - Guideline for Village DM Plan/Block DM Plan/ District DM Plan/ State DM Plan; Emergency Education and Disaster Management, Meghalaya Office Procedure; Department DM Plan, NDRF/ SDRF Norms and Guidelines; Incident Response System; Gender Mainstreaming in DM; Preparation of Activity Calendar Work Plan; Management of EOCs, Preparation of Financial and Physical Reports, Mock-Drill, GIS and Disaster Management, India Disaster Resource Network, Meghalaya Financial Rules; Meghalaya Service Rules, 1990 and Departmental Proceeding. Practical training was imparted on Implication of GPS and its Uses; Management of Communication Equipments in EOC; First AID; and Search & Rescue.

### **Community Outreach**

SDMA and Social Service Centre (SSC), Shillong (Social Action Wing of the Archdiocese of Shillong) jointly organized Training Programmes on Disaster Management and First Aid in Ri-Bhoi and East Khasi Hills District of Meghalaya. This programme was conducted over a period often days in ten different locations of Umsning and Mawsynram Blocks during July and August 2015. The training was imparted to the community of 22 villages in these Blocks. A total of 509 participants attended these programmes.





"Study on Seismic Vulnerability Assessment of School Buildings of East Khasi Hills District of Meghalaya and Methods for Reducing It":

National Institute of Technology (NIT) Meghalaya will carry out a study of "Seismic Vulnerability Assessment of School Buildings of East Khasi Hills District of Meghalaya and Methods for Reducing It". The study will also involve conduct of awareness programmes on school earthquake safety by

- •Involving school authority in the work of collecting structural information about schools
- •Promoting earthquake resistant construction in the school buildings
- •Providing school authorities with general earthquake safety information so that schools can work out a plan for tackling any eventuality
- ·Conduct orientation and training programmes for school teachers, school students and parents on earthquake safety
- •Help schools to prepare and implement school earthquake preparedness plans .
- •Analysis of collected data
- -Carrying out of detailed seismic evaluation of 200 vulnerable schools buildings of a particular block

The study will be completed within a stipulated time frame of two years. SDMA, Meghalaya has financed the study amounting to Rs. 9.12lakhs (Rupees Nine lakhs twelve thousand) only for which a Memorandum of Understanding (MoU) has been signed between SDMA, Meghalaya and NIT Meghalaya.

#### **Preparation of Draft State Disaster Management Plan**

The final draft of the State Disaster Management Plan has been prepared. It will be placed for approval before the State Executive Committee (SEC) and thereafter to SDMA

### Capacity Building Programmes under the 13<sup>th</sup> Finance Commission Award

The objective of the 13th Finance Commission Award for Capacity Building is to build up the capacity of all the Government functionaries and communities to deal with disasters more effectively as better trained personnel can manage the disasters more efficiently. The 13th Finance Commission has sanctioned Rs.5 Crore for Capacity Building in the State of Meghalaya for a period of five years. The Perspective plan for five years for utilization of this award and the year wise action plans have been approved by the State Executive Committee. The funds received have been disbursed to the Districts for various capacity building activities like Strengthening of Emergency Operation Centres (EOCs) at States and Districts; Supporting ATI (MATI) DM Cell; Conduct of Hazards, Risk and Vulnerability Analysis (HRVA); Strengthening of State Disaster Management Authority (SDMA) and District Disaster Management Authorities (DDMAs); Preparation of District Disaster Management Plans (DDMPs) and Village Disaster Management Plans (VDMPs); Capacity Building of stakeholders & Government functionaries by way of conducting awareness and sensitization programmes on DM, mock drills, training programmes on search and rescue, First Aid, medical first responder and other skills related to management of disasters etc.

#### Publications and IEC materials of SDMA

In order to create and spread awareness on various aspects of Disaster Management and disseminate information on the same, SDMA, Meghalaya has published three Books on Disaster Management, namely 'Basic First Aid Manual', 'Do's and Don'ts on Various Hazards' and "Gender Mainstreaming in Disaster Management-A Manual". SDMA, Meghalaya also printed a number of IEC materials such as posters on Disaster Management and Stickers on Do's and Don'ts related to various Hazards. The stickers on Do's and Don'ts were pasted on Writing Boards and distributed to districts.

